

# World Sci-Tech Level Factbook

## 世界科技水平概况

Global Scientific Index GSIndex on March 2020  
环球科技指数 2020年3月

### PHYSICS 物理学

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|    | Institutes<br>机构                                    | GSIndex<br>环球科技指数 | RGSIndex<br>相对环球科技指数（哈佛大学 HARVARD UNIVERSITY =100 ） |
|----|-----------------------------------------------------|-------------------|-----------------------------------------------------|
| 1  | UNITED STATES DEPARTMENT OF ENERGY (DOE)            | 25192410          | 275.2454                                            |
| 2  | UNIVERSITY OF CALIFORNIA SYSTEM                     | 23630404          | 258.1794                                            |
| 3  | CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) | 19665366          | 214.8584                                            |
| 4  | MAX PLANCK SOCIETY                                  | 15536884          | 169.7518                                            |
| 5  | MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT)         | 13097499          | 143.0997                                            |
| 6  | STANFORD UNIVERSITY                                 | 12827397          | 140.1487                                            |
| 7  | UNIVERSITY OF CALIFORNIA BERKELEY                   | 11914849          | 130.1784                                            |
| 8  | UNIV PARIS SACLAY COMUE                             | 11230709          | 122.7037                                            |
| 9  | HELMHOLTZ ASSOCIATION                               | 10864238          | 118.6997                                            |
| 10 | CHINESE ACADEMY OF SCIENCES                         | 10777305          | 117.7499                                            |

|    |                                                           |          |           |
|----|-----------------------------------------------------------|----------|-----------|
| 11 | LAWRENCE BERKELEY NATIONAL LABORATORY                     | 10633055 | 116. 1739 |
| 12 | SWISS FEDERAL INSTITUTES OF TECHNOLOGY DOMAIN             | 10618825 | 116. 0184 |
| 13 | UNIVERSITE PARIS SACLAY                                   | 10452716 | 114. 2035 |
| 14 | UNIVERSITY OF CHICAGO                                     | 9998713  | 109. 2432 |
| 15 | CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC)    | 9626304  | 105. 1744 |
| 16 | CALIFORNIA INSTITUTE OF TECHNOLOGY                        | 9590854  | 104. 7871 |
| 17 | HARVARD UNIVERSITY                                        | 9152708  | 100       |
| 18 | ISTITUTO NAZIONALE DI FISICA NUCLEARE                     | 8947564  | 97. 7587  |
| 19 | CEA                                                       | 8908887  | 97. 3361  |
| 20 | PRINCETON UNIVERSITY                                      | 8339081  | 91. 1105  |
| 21 | COLUMBIA UNIVERSITY                                       | 8076754  | 88. 2444  |
| 22 | SORBONNE UNIVERSITE                                       | 7814489  | 85. 3790  |
| 23 | UNIVERSITY OF CALIFORNIA SANTA BARBARA                    | 7763722  | 84. 8243  |
| 24 | UNIVERSITY OF CAMBRIDGE                                   | 7711904  | 84. 2582  |
| 25 | UNIVERSITY OF MARYLAND COLLEGE PARK                       | 7546499  | 82. 4510  |
| 26 | UNIVERSITY SYSTEM OF MARYLAND                             | 7470108  | 81. 6164  |
| 27 | CNRS – NATIONAL INSTITUTE OF NUCLEAR AND PARTICLE PHYSICS | 7295335  | 79. 7068  |
| 28 | UNIVERSITY OF TOKYO                                       | 7203478  | 78. 7032  |
| 29 | UNIV SYS OHIO                                             | 7109126  | 77. 6724  |
| 30 | UNIVERSITE PARIS SUD – PARIS 11                           | 7108404  | 77. 6645  |
| 31 | UNIVERSITY OF OXFORD                                      | 6919232  | 75. 5977  |
| 32 | UNIVERSITY OF WISCONSIN SYSTEM                            | 6858295  | 74. 9319  |
| 33 | UNIVERSITY OF ILLINOIS SYSTEM                             | 6836472  | 74. 6934  |
| 34 | UNIVERSITE DE PARIS                                       | 6785394  | 74. 1354  |
| 35 | ARGONNE NATIONAL LABORATORY                               | 6670190  | 72. 8767  |

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|----|--------------------------------------------------------------|---------|----------|
| 36 | STANFORD LINEAR ACCELERATOR CENTER                           | 6560828 | 71. 6818 |
| 37 | EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH (CERN)            | 6392589 | 69. 8437 |
| 38 | OHIO STATE UNIVERSITY                                        | 6379224 | 69. 6977 |
| 39 | UNIVERSITY OF PARIS DIDEROT                                  | 6120221 | 66. 8679 |
| 40 | ETH ZURICH                                                   | 6109793 | 66. 7539 |
| 41 | UNIVERSITY OF WASHINGTON SEATTLE                             | 6074403 | 66. 3673 |
| 42 | UNIVERSITY OF WASHINGTON                                     | 6050786 | 66. 1092 |
| 43 | STATE UNIVERSITY SYSTEM OF FLORIDA                           | 5994319 | 65. 4923 |
| 44 | UNIVERSITY OF LONDON                                         | 5958439 | 65. 1003 |
| 45 | BOSTON UNIVERSITY                                            | 5883899 | 64. 2859 |
| 46 | CORNELL UNIVERSITY                                           | 5679528 | 62. 0530 |
| 47 | PENNSYLVANIA COMMONWEALTH SYSTEM OF HIGHER EDUCATION (PCSHE) | 5626444 | 61. 4730 |
| 48 | UNIVERSITY OF HAMBURG                                        | 5598391 | 61. 1665 |
| 49 | DEUTSCHES ELEKTRONEN-SYNCHROTRON (DESY)                      | 5591107 | 61. 0869 |
| 50 | UNIVERSITY OF MUNICH                                         | 5523347 | 60. 3466 |
| 51 | UNIVERSITY OF WISCONSIN MADISON                              | 5506026 | 60. 1573 |
| 52 | STFC RUTHERFORD APPLETON LABORATORY                          | 5480531 | 59. 8788 |
| 53 | SCIENCE & TECHNOLOGY FACILITIES COUNCIL (STFC)               | 5445750 | 59. 4988 |
| 54 | UNIVERSITY OF TEXAS SYSTEM                                   | 5426987 | 59. 2938 |
| 55 | UNIVERSITY OF PISA                                           | 5415145 | 59. 1644 |
| 56 | UNIVERSITY OF MINNESOTA TWIN CITIES                          | 5369977 | 58. 6709 |
| 57 | BARCELONA INSTITUTE OF SCIENCE & TECHNOLOGY                  | 5353637 | 58. 4924 |
| 58 | UNIVERSITY OF MINNESOTA SYSTEM                               | 5342435 | 58. 3700 |
| 59 | SAPIENZA UNIVERSITY ROME                                     | 5322464 | 58. 1518 |
| 60 | UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN                      | 5280297 | 57. 6911 |

|    |                                                   |         |          |
|----|---------------------------------------------------|---------|----------|
| 61 | NORTHWESTERN UNIVERSITY                           | 5230372 | 57. 1456 |
| 62 | FOM (THE NETHERLANDS)                             | 5198948 | 56. 8023 |
| 63 | FOM NATIONAL INSTITUTE FOR<br>SUBATOMIC PHYSICS   | 5198948 | 56. 8023 |
| 64 | UNIVERSITY OF MANCHESTER                          | 5147721 | 56. 2426 |
| 65 | INSTITUTE OF HIGH ENERGY PHYSICS –<br>IHEP        | 5142777 | 56. 1886 |
| 66 | UNIVERSITY OF MICHIGAN                            | 5097932 | 55. 6986 |
| 67 | UNIVERSITY OF MICHIGAN SYSTEM                     | 5096245 | 55. 6802 |
| 68 | IMPERIAL COLLEGE LONDON                           | 5068672 | 55. 3789 |
| 69 | UNIVERSITY OF EDINBURGH                           | 5043505 | 55. 1040 |
| 70 | ECOLE POLYTECHNIQUE FEDERALE DE<br>LAUSANNE       | 4971178 | 54. 3137 |
| 71 | BROOKHAVEN NATIONAL LABORATORY                    | 4899680 | 53. 5326 |
| 72 | FERMI NATIONAL ACCELERATOR<br>LABORATORY          | 4843241 | 52. 9159 |
| 73 | STATE UNIVERSITY OF NEW YORK (SUNY)<br>SYSTEM     | 4798634 | 52. 4286 |
| 74 | UNIVERSITY OF GENEVA                              | 4727610 | 51. 6526 |
| 75 | UNIVERSITY OF COLORADO SYSTEM                     | 4600665 | 50. 2656 |
| 76 | UNIVERSITY OF COLORADO BOULDER                    | 4538697 | 49. 5886 |
| 77 | NATIONAL RESEARCH CENTRE –<br>KURCHATOV INSTITUTE | 4491963 | 49. 0780 |
| 78 | RUSSIAN ACADEMY OF SCIENCES                       | 4456413 | 48. 6896 |
| 79 | LAWRENCE LIVERMORE NATIONAL<br>LABORATORY         | 4398583 | 48. 0577 |
| 80 | YALE UNIVERSITY                                   | 4390755 | 47. 9722 |
| 81 | CNRS – INSTITUTE OF PHYSICS (INP)                 | 4330922 | 47. 3185 |
| 82 | UNIVERSITY COLLEGE LONDON                         | 4318497 | 47. 1827 |
| 83 | AUTONOMOUS UNIVERSITY OF MADRID                   | 4311336 | 47. 1045 |
| 84 | UNIVERSITY OF ZURICH                              | 4232772 | 46. 2461 |
| 85 | WEIZMANN INSTITUTE OF SCIENCE                     | 4212199 | 46. 0213 |

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|-----|------------------------------------------------------------|---------|----------|
| 86  | CONSIGLIO NAZIONALE DELLE RICERCHE (CNR)                   | 4189103 | 45. 7690 |
| 87  | UNIVERSITY OF SOUTHAMPTON                                  | 4173198 | 45. 5952 |
| 88  | UNIVERSITY OF ROME TOR VERGATA                             | 4156480 | 45. 4126 |
| 89  | PSL RES UNIV PARIS COMUE                                   | 4118084 | 44. 9931 |
| 90  | UNIVERSITY OF TENNESSEE KNOXVILLE                          | 4112825 | 44. 9356 |
| 91  | IOWA STATE UNIVERSITY                                      | 4094905 | 44. 7398 |
| 92  | UNIVERSITY OF TENNESSEE SYSTEM                             | 4083648 | 44. 6168 |
| 93  | UNIVERSITY OF CALIFORNIA SAN DIEGO                         | 4059399 | 44. 3519 |
| 94  | UNIVERSITY OF BRITISH COLUMBIA                             | 4053471 | 44. 2871 |
| 95  | HUNGARIAN ACADEMY OF SCIENCES                              | 4019230 | 43. 9130 |
| 96  | UNIVERSITY OF GENOA                                        | 4010207 | 43. 8144 |
| 97  | UNIVERSITY OF CALIFORNIA IRVINE                            | 3992624 | 43. 6223 |
| 98  | UNIVERSITY OF NAPLES FEDERICO II                           | 3980198 | 43. 4866 |
| 99  | ALIKHANOV INSTITUTE FOR THEORETICAL & EXPERIMENTAL PHYSICS | 3912649 | 42. 7485 |
| 100 | UNIVERSITY OF PENNSYLVANIA                                 | 3879038 | 42. 3813 |
| 101 | UNIVERSITY OF CALIFORNIA LOS ANGELES                       | 3871628 | 42. 3004 |
| 102 | UNIVERSITY OF BERN                                         | 3861599 | 42. 1908 |
| 103 | UNIVERSITY OF BIRMINGHAM                                   | 3856117 | 42. 1309 |
| 104 | NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY (NIST) – USA  | 3853603 | 42. 1034 |
| 105 | UNIVERSITY OF GLASGOW                                      | 3852299 | 42. 0892 |
| 106 | DUKE UNIVERSITY                                            | 3774440 | 41. 2385 |
| 107 | UNIVERSITY OF TORONTO                                      | 3766581 | 41. 1526 |
| 108 | RWTH AACHEN UNIVERSITY                                     | 3763550 | 41. 1195 |
| 109 | LOS ALAMOS NATIONAL LABORATORY                             | 3748299 | 40. 9529 |
| 110 | UNIVERSITY OF SHEFFIELD                                    | 3747300 | 40. 9420 |

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|-----|-----------------------------------------------|---------|---------|
| 111 | JOHANNES GUTENBERG UNIVERSITY OF MAINZ        | 3746301 | 40.9311 |
| 112 | RUPRECHT KARLS UNIVERSITY HEIDELBERG          | 3733436 | 40.7905 |
| 113 | JOHNS HOPKINS UNIVERSITY                      | 3728607 | 40.7377 |
| 114 | RADBOUD UNIVERSITY NIJMEGEN                   | 3699519 | 40.4199 |
| 115 | UNIVERSITY OF TEXAS AUSTIN                    | 3699301 | 40.4176 |
| 116 | NIELS BOHR INSTITUTE                          | 3697156 | 40.3941 |
| 117 | UNIVERSITY OF BOLOGNA                         | 3664345 | 40.0356 |
| 118 | INSTITUTE FOR ADVANCED STUDY – USA            | 3636772 | 39.7344 |
| 119 | COMMUNAUTE UNIVERSITE GRENOBLE ALPES          | 3630070 | 39.6612 |
| 120 | UNIVERSITY OF CALIFORNIA DAVIS                | 3623742 | 39.5920 |
| 121 | STOCKHOLM UNIVERSITY                          | 3621942 | 39.5723 |
| 122 | UNIVERSITY OF CALIFORNIA SANTA CRUZ           | 3621252 | 39.5648 |
| 123 | UNIVERSITY OF COPENHAGEN                      | 3606634 | 39.4051 |
| 124 | TSINGHUA UNIVERSITY                           | 3575651 | 39.0666 |
| 125 | UNIVERSITE DE SAVOIE                          | 3568009 | 38.9831 |
| 126 | UNIVERSITE GRENOBLE ALPES (UGA)               | 3545111 | 38.7329 |
| 127 | UNIVERSITY OF FLORIDA                         | 3541545 | 38.6940 |
| 128 | UNIVERSITY OF BRISTOL                         | 3531667 | 38.5860 |
| 129 | CSIC – INSTITUTO DE FISICA CORPUSCULAR (IFIC) | 3525899 | 38.5230 |
| 130 | SYRACUSE UNIVERSITY                           | 3504679 | 38.2912 |
| 131 | UNIVERSITY OF PADUA                           | 3489620 | 38.1266 |
| 132 | UNIVERSITY OF MASSACHUSETTS AMHERST           | 3466421 | 37.8732 |
| 133 | PURDUE UNIVERSITY SYSTEM                      | 3461226 | 37.8164 |
| 134 | PURDUE UNIVERSITY                             | 3456330 | 37.7629 |
| 135 | PETERSBURG NUCLEAR PHYSICS INSTITUTE          | 3454649 | 37.7446 |

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|-----|-------------------------------------------------------------------|---------|----------|
| 136 | UNIVERSITY OF BONN                                                | 3445980 | 37. 6498 |
| 137 | LUND UNIVERSITY                                                   | 3434480 | 37. 5242 |
| 138 | BROWN UNIVERSITY                                                  | 3395543 | 37. 0988 |
| 139 | UNIVERSITY OF MELBOURNE                                           | 3394448 | 37. 0868 |
| 140 | MICHIGAN STATE UNIVERSITY                                         | 3386867 | 37. 0040 |
| 141 | UNIVERSITY OF VICTORIA                                            | 3370439 | 36. 8245 |
| 142 | KARLSRUHE INSTITUTE OF TECHNOLOGY                                 | 3355860 | 36. 6652 |
| 143 | UNIVERSITY OF LIVERPOOL                                           | 3347816 | 36. 5773 |
| 144 | LABORATORIO DE INSTRUMENTACAO E FISICA EXPERIMENTAL DE PARTICULAS | 3346563 | 36. 5636 |
| 145 | NATIONAL CENTER OF PARTICLES & HIGH ENERGY PHYSICS – BELARUS      | 3326880 | 36. 3486 |
| 146 | JOINT INSTITUTE FOR NUCLEAR RESEARCH – RUSSIA                     | 3320429 | 36. 2781 |
| 147 | UNIVERSITY OF ALABAMA SYSTEM                                      | 3299946 | 36. 0543 |
| 148 | UNIV LYON COMUE                                                   | 3287712 | 35. 9206 |
| 149 | KYOTO UNIVERSITY                                                  | 3268429 | 35. 7100 |
| 150 | NATIONAL & KAPODISTRIAN UNIVERSITY OF ATHENS                      | 3267174 | 35. 6963 |
| 151 | UNIVERSITY OF MASSACHUSETTS SYSTEM                                | 3254945 | 35. 5626 |
| 152 | CARNEGIE MELLON UNIVERSITY                                        | 3251225 | 35. 5220 |
| 153 | RIKEN                                                             | 3246950 | 35. 4753 |
| 154 | ROYAL HOLLOWAY UNIVERSITY LONDON                                  | 3246198 | 35. 4671 |
| 155 | INSTITUTE OF HIGH ENERGY PHYSICS, CAS                             | 3225972 | 35. 2461 |
| 156 | UNIVERSITY OF SUSSEX                                              | 3219452 | 35. 1749 |
| 157 | INSTITUTE FOR HIGH ENERGY PHYSICS (IFAE)                          | 3196979 | 34. 9293 |
| 158 | UNIVERSITY OF VALENCIA                                            | 3194959 | 34. 9073 |
| 159 | UNIVERSITY OF MISSISSIPPI                                         | 3190497 | 34. 8585 |
| 160 | ISTITUTO NAZIONALE GEOFISICA E VULCANOLOGIA (INGV)                | 3181630 | 34. 7616 |

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|-----|-------------------------------------------------|---------|----------|
| 161 | PEKING UNIVERSITY                               | 3164246 | 34. 5717 |
| 162 | RICE UNIVERSITY                                 | 3141046 | 34. 3182 |
| 163 | CARLETON UNIVERSITY                             | 3117955 | 34. 0659 |
| 164 | BUDKER INSTITUTE OF NUCLEAR PHYSICS             | 3114199 | 34. 0249 |
| 165 | YEREVAN PHYSICS INSTITUTE                       | 3108462 | 33. 9622 |
| 166 | PAUL SCHERRER INSTITUTE                         | 3084836 | 33. 7041 |
| 167 | UNIVERSITAT SIEGEN                              | 3074757 | 33. 5940 |
| 168 | LOMONOSOV MOSCOW STATE UNIVERSITY               | 3071700 | 33. 5606 |
| 169 | INTERNATIONAL SCHOOL FOR ADVANCED STUDIES       | 3063946 | 33. 4758 |
| 170 | OAK RIDGE NATIONAL LABORATORY                   | 3053745 | 33. 3644 |
| 171 | UNIVERSITY OF GOTTINGEN                         | 3039439 | 33. 2081 |
| 172 | UNIVERSITY OF ALABAMA TUSCALOOSA                | 3020316 | 32. 9992 |
| 173 | UNIVERSITY OF OREGON                            | 3016226 | 32. 9545 |
| 174 | UNIVERSITY OF IOWA                              | 2977805 | 32. 5347 |
| 175 | UNIVERSITY OF ROCHESTER                         | 2976268 | 32. 5179 |
| 176 | SUNY COMMUNITY COLLEGE                          | 2966016 | 32. 4059 |
| 177 | RUTGERS STATE UNIVERSITY NEW BRUNSWICK          | 2961599 | 32. 3576 |
| 178 | STATE UNIVERSITY OF NEW YORK (SUNY) STONY BROOK | 2943494 | 32. 1598 |
| 179 | AUTONOMOUS UNIVERSITY OF BARCELONA              | 2942081 | 32. 1444 |
| 180 | UNIVERSITY OF SCIENCE & TECHNOLOGY OF CHINA     | 2903417 | 31. 7219 |
| 181 | NATIONAL UNIVERSITY OF SINGAPORE                | 2901386 | 31. 6998 |
| 182 | SCUOLA NORMALE SUPERIORE DI PISA                | 2894760 | 31. 6274 |
| 183 | UNIVERSITY OF HELSINKI                          | 2887687 | 31. 5501 |
| 184 | TATA INSTITUTE OF FUNDAMENTAL RESEARCH (TIFR)   | 2874972 | 31. 4112 |
| 185 | CHARLES UNIVERSITY PRAGUE                       | 2865024 | 31. 3025 |

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|-----|-----------------------------------------------------|---------|---------|
| 186 | UNIVERSITE CLAUDE BERNARD LYON 1                    | 2852824 | 31.1692 |
| 187 | NORTHEASTERN UNIVERSITY                             | 2837216 | 30.9986 |
| 188 | CALIFORNIA STATE UNIVERSITY SYSTEM                  | 2836042 | 30.9858 |
| 189 | INDIANA UNIVERSITY BLOOMINGTON                      | 2834945 | 30.9738 |
| 190 | UNIVERSITY OF UDINE                                 | 2834755 | 30.9718 |
| 191 | ICREA                                               | 2823830 | 30.8524 |
| 192 | PENN STATE UNIVERSITY                               | 2815337 | 30.7596 |
| 193 | INDIANA UNIVERSITY SYSTEM                           | 2794514 | 30.5321 |
| 194 | UNIVERSITY OF PITTSBURGH                            | 2778197 | 30.3538 |
| 195 | ECOLE POLYTECHNIQUE                                 | 2777003 | 30.3408 |
| 196 | UNIVERSITY OF INNSBRUCK                             | 2770218 | 30.2666 |
| 197 | UNIVERSITY OF TRENTO                                | 2748662 | 30.0311 |
| 198 | INSTITUTE OF PHYSICS, CAS                           | 2741202 | 29.9496 |
| 199 | UNIVERSITY OF PAVIA                                 | 2736611 | 29.8995 |
| 200 | UNIVERSITE CATHOLIQUE LOUVAIN                       | 2729509 | 29.8219 |
| 201 | JAPAN SCIENCE & TECHNOLOGY AGENCY (JST)             | 2725627 | 29.7795 |
| 202 | TUFTS UNIVERSITY                                    | 2717195 | 29.6873 |
| 203 | UNIVERSITY OF PERUGIA                               | 2711329 | 29.6232 |
| 204 | UNIVERSITY OF GRANADA                               | 2688489 | 29.3737 |
| 205 | UNIVERSITY OF WARWICK                               | 2679285 | 29.2731 |
| 206 | NAGOYA UNIVERSITY                                   | 2678435 | 29.2639 |
| 207 | UNIVERSITE CLERMONT AUVERGNE (UCA)                  | 2668027 | 29.1501 |
| 208 | UNIVERSITE CLERMONT AUVERGNE & ASSOCIES             | 2664968 | 29.1167 |
| 209 | POLISH ACADEMY OF SCIENCES                          | 2658989 | 29.0514 |
| 210 | HIGH ENERGY ACCELERATOR RESEARCH ORGANIZATION (KEK) | 2631305 | 28.7489 |

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|-----|----------------------------------------------|---------|----------|
| 211 | TECHNICAL UNIVERSITY OF MUNICH               | 2623245 | 28. 6609 |
| 212 | FLORIDA STATE UNIVERSITY                     | 2618340 | 28. 6073 |
| 213 | UNIVERSIDADE DO MINHO                        | 2610008 | 28. 5162 |
| 214 | GHEENT UNIVERSITY                            | 2604398 | 28. 4549 |
| 215 | UNIVERSITY OF CALIFORNIA RIVERSIDE           | 2600975 | 28. 4175 |
| 216 | SUNGKYUNKWAN UNIVERSITY (SKKU)               | 2599704 | 28. 4037 |
| 217 | UNIVERSITY OF AMSTERDAM                      | 2599585 | 28. 4024 |
| 218 | BOGAZICI UNIVERSITY                          | 2596356 | 28. 3671 |
| 219 | DURHAM UNIVERSITY                            | 2589634 | 28. 2936 |
| 220 | NORTHERN ILLINOIS UNIVERSITY                 | 2552621 | 27. 8892 |
| 221 | UNIVERSITY OF WURZBURG                       | 2546940 | 27. 8272 |
| 222 | UNIVERSITE LIBRE DE BRUXELLES                | 2546701 | 27. 8246 |
| 223 | AUSTRALIAN NATIONAL UNIVERSITY               | 2532292 | 27. 6671 |
| 224 | HUMBOLDT UNIVERSITY OF BERLIN                | 2521287 | 27. 5469 |
| 225 | OSKAR KLEIN CENTRE                           | 2517476 | 27. 5053 |
| 226 | TOKYO METROPOLITAN UNIVERSITY                | 2472616 | 27. 0151 |
| 227 | LANCASTER UNIVERSITY                         | 2468834 | 26. 9738 |
| 228 | AIX-MARSEILLE UNIVERSITE                     | 2467819 | 26. 9627 |
| 229 | TEXAS A&M UNIVERSITY SYSTEM                  | 2463384 | 26. 9143 |
| 230 | JOZEF STEFAN INSTITUTE                       | 2458039 | 26. 8559 |
| 231 | IVANE JAVAKHISHVILI TBILISI STATE UNIVERSITY | 2440362 | 26. 6627 |
| 232 | UNIVERSITY OF SIENA                          | 2428914 | 26. 5376 |
| 233 | TOHOKU UNIVERSITY                            | 2421057 | 26. 4518 |
| 234 | UNIVERSITY OF WARSAW                         | 2415788 | 26. 3942 |
| 235 | TEXAS A&M UNIVERSITY COLLEGE STATION         | 2411759 | 26. 3502 |

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|-----|--------------------------------------------------------------|---------|----------|
| 236 | CZECH ACADEMY OF SCIENCES                                    | 2379023 | 25. 9926 |
| 237 | MCGILL UNIVERSITY                                            | 2352307 | 25. 7007 |
| 238 | HELSINKI INSTITUTE OF PHYSICS                                | 2330378 | 25. 4611 |
| 239 | UNIVERSITY OF TURIN                                          | 2329879 | 25. 4556 |
| 240 | UNIVERSITY OF OKLAHOMA – NORMAN                              | 2323088 | 25. 3814 |
| 241 | RESEARCH CENTER JULICH                                       | 2321948 | 25. 3690 |
| 242 | UNIVERSITY OF TRIESTE                                        | 2317511 | 25. 3205 |
| 243 | TEL AVIV UNIVERSITY                                          | 2310455 | 25. 2434 |
| 244 | UNIVERSITY OF BELGRADE                                       | 2300704 | 25. 1369 |
| 245 | UNIVERSITY OF SYDNEY                                         | 2300673 | 25. 1365 |
| 246 | INSTITUT DES HAUTES ETUDES<br>SCIENTIFIQUES (IHES)           | 2296473 | 25. 0906 |
| 247 | UNIVERSITY OF OKLAHOMA SYSTEM                                | 2288353 | 25. 0019 |
| 248 | ABDUS SALAM INTERNATIONAL CENTRE<br>FOR THEORETICAL PHYSICS  | 2273880 | 24. 8438 |
| 249 | UNIVERSITY OF MILANO–BICOCCA                                 | 2269180 | 24. 7924 |
| 250 | INSTITUT NATIONAL POLYTECHNIQUE DE<br>GRENOBLE               | 2268027 | 24. 7798 |
| 251 | INSTITUTE OF NUCLEAR PHYSICS –<br>POLISH ACADEMY OF SCIENCES | 2266412 | 24. 7622 |
| 252 | UNIVERSITY OF MILAN                                          | 2265648 | 24. 7539 |
| 253 | PERIMETER INSTITUTE FOR THEORETICAL<br>PHYSICS               | 2264624 | 24. 7427 |
| 254 | NEW YORK UNIVERSITY                                          | 2250766 | 24. 5913 |
| 255 | LOUISIANA STATE UNIVERSITY SYSTEM                            | 2243063 | 24. 5071 |
| 256 | UNIVERSITY OF BUENOS AIRES                                   | 2242324 | 24. 4990 |
| 257 | UNIVERSITY OF FREIBURG                                       | 2238952 | 24. 4622 |
| 258 | UNIVERSITY OF WUPPERTAL                                      | 2233966 | 24. 4077 |
| 259 | DRESDEN UNIVERSITY OF TECHNOLOGY                             | 2229047 | 24. 3540 |
| 260 | DORTMUND UNIVERSITY OF TECHNOLOGY                            | 2220722 | 24. 2630 |

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| 261 | UNIVERSITY OF NOTRE DAME                                             | 2215062 | 24. 2012 |
| 262 | UNIVERSITES DE STRASBOURG<br>ETABLISSEMENTS ASSOCIES                 | 2199463 | 24. 0307 |
| 263 | UNIV BRETAGNE LOIRE                                                  | 2199396 | 24. 0300 |
| 264 | UNIVERSITY OF VIRGINIA                                               | 2194796 | 23. 9797 |
| 265 | ECOLE NORMALE SUPERIEURE (ENS)                                       | 2192821 | 23. 9582 |
| 266 | AUSTRIAN ACADEMY OF SCIENCES                                         | 2190496 | 23. 9328 |
| 267 | UNIVERSITY OF ADELAIDE                                               | 2189199 | 23. 9186 |
| 268 | UNIVERSITY OF MONTREAL                                               | 2182512 | 23. 8455 |
| 269 | RUSSIAN ACADEMY OF SCIENCE LEBEDEV<br>PHYSICAL INSTITUTE             | 2181306 | 23. 8324 |
| 270 | WAYNE STATE UNIVERSITY                                               | 2170949 | 23. 7192 |
| 271 | UNIVERSITE DE STRASBOURG                                             | 2170790 | 23. 7175 |
| 272 | SEOUL NATIONAL UNIVERSITY (SNU)                                      | 2150860 | 23. 4997 |
| 273 | INSTITUTE FOR NUCLEAR RESEARCH OF<br>THE RUSSIAN ACADEMY OF SCIENCES | 2147936 | 23. 4678 |
| 274 | UNIVERSITY SYSTEM OF GEORGIA                                         | 2144819 | 23. 4337 |
| 275 | UPPSALA UNIVERSITY                                                   | 2143922 | 23. 4239 |
| 276 | OSAKA UNIVERSITY                                                     | 2138477 | 23. 3644 |
| 277 | BULGARIAN ACADEMY OF SCIENCES                                        | 2131602 | 23. 2893 |
| 278 | SOUTHERN UNIVERSITY & A&M COLLEGE                                    | 2107237 | 23. 0231 |
| 279 | TOKYO INSTITUTE OF TECHNOLOGY                                        | 2088449 | 22. 8178 |
| 280 | NANJING UNIVERSITY                                                   | 2076742 | 22. 6899 |
| 281 | TEXAS TECH UNIVERSITY                                                | 2060492 | 22. 5124 |
| 282 | BELARUSIAN STATE UNIVERSITY                                          | 2052819 | 22. 4285 |
| 283 | TEXAS TECH UNIVERSITY SYSTEM                                         | 2040489 | 22. 2938 |
| 284 | SOUTHERN UNIVERSITY SYSTEM                                           | 2035848 | 22. 2431 |
| 285 | NATIONAL TAIWAN UNIVERSITY                                           | 2023962 | 22. 1133 |

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| 286 | EOTVOS LORAND UNIVERSITY                                              | 2019358 | 22. 0630 |
| 287 | NATIONAL RESEARCH NUCLEAR<br>UNIVERSITY MEPHI (MOSCOW                 | 1996509 | 21. 8133 |
| 288 | ACADEMIA SINICA – TAIWAN                                              | 1985945 | 21. 6979 |
| 289 | UNIVERSITY OF ARIZONA                                                 | 1983620 | 21. 6725 |
| 290 | ROYAL INSTITUTE OF TECHNOLOGY                                         | 1975923 | 21. 5884 |
| 291 | PANJAB UNIVERSITY                                                     | 1971216 | 21. 5370 |
| 292 | LOUISIANA TECHNICAL UNIVERSITY                                        | 1966955 | 21. 4904 |
| 293 | UNIVERSIDADE DE LISBOA                                                | 1956749 | 21. 3789 |
| 294 | UNIVERSITY OF TSUKUBA                                                 | 1956237 | 21. 3733 |
| 295 | SOUTHERN METHODIST UNIVERSITY                                         | 1949115 | 21. 2955 |
| 296 | HORIA HULUBEI NATIONAL INSTITUTE OF<br>PHYSICS & NUCLEAR ENGINEERING  | 1945783 | 21. 2591 |
| 297 | UNIVERSITY OF LOUISIANA SYSTEM                                        | 1943596 | 21. 2352 |
| 298 | TECHNISCHE UNIVERSITAT WIEN                                           | 1941168 | 21. 2087 |
| 299 | UNIVERSITA DEGLI STUDI DI BARI ALDO<br>MORO                           | 1918644 | 20. 9626 |
| 300 | HAMPTON UNIVERSITY                                                    | 1911605 | 20. 8857 |
| 301 | MIDDLE EAST TECHNICAL UNIVERSITY                                      | 1901589 | 20. 7762 |
| 302 | UNIVERSITY OF OSLO                                                    | 1897481 | 20. 7314 |
| 303 | OKLAHOMA STATE UNIVERSITY –<br>STILLWATER                             | 1889286 | 20. 6418 |
| 304 | OKLAHOMA STATE UNIVERSITY SYSTEM                                      | 1887944 | 20. 6272 |
| 305 | UNIVERSITY OF FLORENCE                                                | 1886211 | 20. 6082 |
| 306 | NANYANG TECHNOLOGICAL UNIVERSITY                                      | 1884805 | 20. 5929 |
| 307 | NANYANG TECHNOLOGICAL UNIVERSITY &<br>NATIONAL INSTITUTE OF EDUCATION | 1884805 | 20. 5929 |
| 308 | UNIVERSIDADE DE SAO PAULO                                             | 1883009 | 20. 5732 |
| 309 | UNIVERSITY OF BERGEN                                                  | 1879723 | 20. 5373 |
| 310 | INSTITUT DE CIENCIES FOTONIQES<br>(ICFO)                              | 1876962 | 20. 5072 |

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| 311 | BRANDEIS UNIVERSITY                                                | 1870303 | 20. 4344 |
| 312 | COMENIUS UNIVERSITY BRATISLAVA                                     | 1860656 | 20. 3290 |
| 313 | UNIVERSITY OF TEXAS DALLAS                                         | 1841882 | 20. 1239 |
| 314 | UNIVERSITY OF KANSAS                                               | 1833689 | 20. 0344 |
| 315 | OBSERVATOIRE DE PARIS                                              | 1833686 | 20. 0344 |
| 316 | NATIONAL AERONAUTICS & SPACE<br>ADMINISTRATION (NASA)              | 1820135 | 19. 8863 |
| 317 | INSTITUTE OF PHYSICS OF THE CZECH<br>ACADEMY OF SCIENCES           | 1811543 | 19. 7924 |
| 318 | TECHNION ISRAEL INSTITUTE OF<br>TECHNOLOGY                         | 1807326 | 19. 7464 |
| 319 | UNIVERSITY OF SPLIT                                                | 1807275 | 19. 7458 |
| 320 | UNIVERSITY OF MONS                                                 | 1797875 | 19. 6431 |
| 321 | GEORGIA INSTITUTE OF TECHNOLOGY                                    | 1779025 | 19. 4371 |
| 322 | QUEEN MARY UNIVERSITY LONDON                                       | 1777474 | 19. 4202 |
| 323 | UNIVERSITY OF NEBRASKA LINCOLN                                     | 1775715 | 19. 4010 |
| 324 | UNIVERSITY OF NEBRASKA SYSTEM                                      | 1773933 | 19. 3815 |
| 325 | KANSAS STATE UNIVERSITY                                            | 1772335 | 19. 3640 |
| 326 | UNIVERSITY OF ALBERTA                                              | 1770182 | 19. 3405 |
| 327 | CZECH TECHNICAL UNIVERSITY PRAGUE                                  | 1765247 | 19. 2866 |
| 328 | UNIVERSITY OF ANTWERP                                              | 1765156 | 19. 2856 |
| 329 | SIMON FRASER UNIVERSITY                                            | 1758197 | 19. 2096 |
| 330 | FAIRFIELD UNIVERSITY                                               | 1756005 | 19. 1856 |
| 331 | UNIVERSITY OF LJUBLJANA                                            | 1751800 | 19. 1397 |
| 332 | CINVESTAV – CENTRO DE INVESTIGACION<br>Y DE ESTUDIOS AVANZADOS DEL | 1744893 | 19. 0642 |
| 333 | UNIVERSITY OF ILLINOIS CHICAGO                                     | 1739897 | 19. 0096 |
| 334 | UNIVERSITY OF EASTERN PIEDMONT<br>AMEDEO AVOGADRO                  | 1736837 | 18. 9762 |
| 335 | UNIVERSIDADE DE COIMBRA                                            | 1736412 | 18. 9716 |

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| 336 | SHANDONG UNIVERSITY                                         | 1731396 | 18. 9168 |
| 337 | KINGS COLLEGE LONDON                                        | 1731015 | 18. 9126 |
| 338 | UNIVERSITY OF NEW MEXICO                                    | 1730612 | 18. 9082 |
| 339 | VANDERBILT UNIVERSITY                                       | 1715521 | 18. 7433 |
| 340 | CSIC – INSTITUTO DE FISICA DE CANTABRIA INICIO (IFCA)       | 1714920 | 18. 7367 |
| 341 | YORK UNIVERSITY – CANADA                                    | 1701352 | 18. 5885 |
| 342 | STATE UNIVERSITY OF NEW YORK (SUNY) ALBANY                  | 1688014 | 18. 4428 |
| 343 | UNIVERSITY OF BASEL                                         | 1684827 | 18. 4080 |
| 344 | POLITECNICO DI BARI                                         | 1680879 | 18. 3648 |
| 345 | NOVOSIBIRSK STATE UNIVERSITY                                | 1680794 | 18. 3639 |
| 346 | NATIONAL INSTITUTE OF CHEMICAL PHYSICS & BIOPHYSICS (NICPB) | 1680341 | 18. 3589 |
| 347 | UNIVERSITY OF BARCELONA                                     | 1667003 | 18. 2132 |
| 348 | UNIVERSITY COLLEGE DUBLIN                                   | 1665251 | 18. 1941 |
| 349 | UNIVERSITY OF WISCONSIN MILWAUKEE                           | 1663180 | 18. 1715 |
| 350 | UNIVERSITY OF ERLANGEN NUREMBERG                            | 1659252 | 18. 1285 |
| 351 | ROCKEFELLER UNIVERSITY                                      | 1651754 | 18. 0466 |
| 352 | INST HOCHENERGIEPHYS OEAW                                   | 1650259 | 18. 0303 |
| 353 | CSIC – INSTITUTO DE CIENCIA DE MATERIALES DE MADRID (ICMM)  | 1648686 | 18. 0131 |
| 354 | HIROSHIMA INSTITUTE OF TECHNOLOGY                           | 1648553 | 18. 0116 |
| 355 | VRIJE UNIVERSITEIT BRUSSEL                                  | 1639608 | 17. 9139 |
| 356 | KOREA UNIVERSITY                                            | 1639313 | 17. 9107 |
| 357 | UNIVERSITY OF CATANIA                                       | 1633493 | 17. 8471 |
| 358 | ISTANBUL TECHNICAL UNIVERSITY                               | 1632634 | 17. 8377 |
| 359 | DOGUS UNIVERSITY                                            | 1631934 | 17. 8301 |
| 360 | UNIVERSIDADE FEDERAL DO RIO DE JANEIRO                      | 1630550 | 17. 8149 |

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| 361 | CENTRO BRASILEIRO DE PESQUISAS FISICAS             | 1621785 | 17. 7192 |
| 362 | JUSTUS LIEBIG UNIVERSITY GIESSEN                   | 1619033 | 17. 6891 |
| 363 | STATE UNIVERSITY OF NEW YORK (SUNY) BUFFALO        | 1613738 | 17. 6313 |
| 364 | UNIVERSIDAD ANTONIO NARINO                         | 1611212 | 17. 6037 |
| 365 | ISTITUTO NAZIONALE ASTROFISICA                     | 1601281 | 17. 4952 |
| 366 | BRUNEL UNIVERSITY                                  | 1599836 | 17. 4794 |
| 367 | NAGASAKI INSTITUTE OF APPLIED SCIENCE              | 1592902 | 17. 4036 |
| 368 | ROMA TRE UNIVERSITY                                | 1590378 | 17. 3760 |
| 369 | FLORIDA INSTITUTE OF TECHNOLOGY                    | 1577338 | 17. 2336 |
| 370 | UNIVERSIDADE ESTADUAL PAULISTA                     | 1563373 | 17. 0810 |
| 371 | UNIVERSITY OF CANTERBURY                           | 1559925 | 17. 0433 |
| 372 | INDIAN INSTITUTE OF TECHNOLOGY SYSTEM (IIT SYSTEM) | 1551059 | 16. 9465 |
| 373 | UNIVERSITE DE HAUTE-ALSACE (UHA)                   | 1547983 | 16. 9128 |
| 374 | KYOTO UNIVERSITY OF EDUCATION                      | 1535592 | 16. 7775 |
| 375 | NATIONAL CENTRE FOR NUCLEAR RESEARCH               | 1533887 | 16. 7588 |
| 376 | UNIVERSITE MOHAMMED PREMIER                        | 1532265 | 16. 7411 |
| 377 | UNITED STATES DEPARTMENT OF DEFENSE                | 1532213 | 16. 7405 |
| 378 | RUDJER BOSKOVIC INSTITUTE                          | 1517695 | 16. 5819 |
| 379 | LOUISIANA STATE UNIVERSITY                         | 1517526 | 16. 5801 |
| 380 | CALIFORNIA STATE UNIVERSITY FRESNO                 | 1514329 | 16. 5451 |
| 381 | UNIVERSITY OF SOUTH CAROLINA                       | 1514294 | 16. 5448 |
| 382 | UNIVERSITY OF REGINA                               | 1513549 | 16. 5366 |
| 383 | EBERHARD KARLS UNIVERSITY OF TUBINGEN              | 1512556 | 16. 5258 |
| 384 | PACIFIC NORTHWEST NATIONAL LABORATORY              | 1509270 | 16. 4899 |
| 385 | UNIVERSITY OF WATERLOO                             | 1508182 | 16. 4780 |

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| 386 | CHONNAM NATIONAL UNIVERSITY                                            | 1503436 | 16. 4261 |
| 387 | GS1 HELMHOLTZ-CENTER FOR HEAVY ION RESEARCH                            | 1502490 | 16. 4158 |
| 388 | PONTIFICIA UNIVERSIDAD CATOLICA DE CHILE                               | 1502020 | 16. 4107 |
| 389 | TOBB EKONOMI VE TEKNOLOJI UNIVERSITY                                   | 1500599 | 16. 3951 |
| 390 | EGYPTIAN NETWORK OF HIGH ENERGY PHYSICS (ENHEP)                        | 1499159 | 16. 3794 |
| 391 | UNIVERSITY OF TEXAS ARLINGTON                                          | 1491775 | 16. 2987 |
| 392 | UNIVERSITY OF SOUTH CAROLINA SYSTEM                                    | 1482266 | 16. 1948 |
| 393 | UNIVERSIDADE FEDERAL DO ABC (UFABC)                                    | 1480677 | 16. 1775 |
| 394 | UNIVERSITY OF SOUTH CAROLINA COLUMBIA                                  | 1480504 | 16. 1756 |
| 395 | NATIONAL INSTITUTE FOR MATERIALS SCIENCE                               | 1473967 | 16. 1042 |
| 396 | ECOLE SUPERIEURE DE PHYSIQUE ET DE CHIMIE INDUSTRIELLES DE LA VILLE DE | 1470484 | 16. 0661 |
| 397 | SHANGHAI JIAO TONG UNIVERSITY                                          | 1467637 | 16. 0350 |
| 398 | UNIVERSIDAD AUTONOMA DE SAN LUIS POTOSI                                | 1467551 | 16. 0341 |
| 399 | SLOVAK ACADEMY OF SCIENCES                                             | 1466100 | 16. 0182 |
| 400 | UNIVERSIDADE DO ESTADO DO RIO DE JANEIRO                               | 1463990 | 15. 9952 |
| 401 | MANHATTAN COLLEGE                                                      | 1463684 | 15. 9918 |
| 402 | PALACKY UNIVERSITY OLOMOUC                                             | 1462405 | 15. 9778 |
| 403 | UNIVERSITY OF SALENTO                                                  | 1456247 | 15. 9106 |
| 404 | FAYOUM UNIVERSITY                                                      | 1454439 | 15. 8908 |
| 405 | TECHNICAL UNIVERSITY OF DENMARK                                        | 1449442 | 15. 8362 |
| 406 | VRIJE UNIVERSITEIT AMSTERDAM                                           | 1444694 | 15. 7843 |
| 407 | WASEDA UNIVERSITY                                                      | 1441940 | 15. 7542 |
| 408 | GAZIANTEP UNIVERSITY                                                   | 1437439 | 15. 7051 |
| 409 | UNIVERSITY OF BASILICATA                                               | 1434149 | 15. 6691 |
| 410 | FLORIDA INTERNATIONAL UNIVERSITY                                       | 1432193 | 15. 6478 |

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| 411 | UNIVERSITY OF CAPE TOWN                         | 1429933 | 15. 6231 |
| 412 | ERZINCAN BINALI YILDIRIM UNIVERSITY             | 1427161 | 15. 5928 |
| 413 | UNIVERSITY OF BASQUE COUNTRY                    | 1426975 | 15. 5907 |
| 414 | UNIVERSITY OF CALABRIA                          | 1424155 | 15. 5599 |
| 415 | UNIVERSITY OF CYPRUS                            | 1421494 | 15. 5309 |
| 416 | OKAYAMA UNIVERSITY                              | 1420351 | 15. 5184 |
| 417 | BAYLOR UNIVERSITY                               | 1409845 | 15. 4036 |
| 418 | UNIVERSITY OF PUERTO RICO MAYAGUEZ              | 1409538 | 15. 4002 |
| 419 | UNIVERSITY OF PUERTO RICO                       | 1405421 | 15. 3552 |
| 420 | YONSEI UNIVERSITY                               | 1401775 | 15. 3154 |
| 421 | COLORADO SCHOOL OF MINES                        | 1401641 | 15. 3139 |
| 422 | KAFKAS UNIVERSITY                               | 1395640 | 15. 2484 |
| 423 | NATIONAL TECHNICAL UNIVERSITY OF ATHENS         | 1394155 | 15. 2322 |
| 424 | MINISTRY OF ENERGY & NATURAL RESOURCES – TURKEY | 1393578 | 15. 2259 |
| 425 | BENEMERITA UNIVERSIDAD AUTONOMA DE PUEBLA       | 1390562 | 15. 1929 |
| 426 | UNIVERSITY OF THE ANDES COLOMBIA                | 1386324 | 15. 1466 |
| 427 | UNIVERSITY OF DEBRECEN                          | 1382537 | 15. 1052 |
| 428 | KOBE UNIVERSITY                                 | 1380973 | 15. 0881 |
| 429 | UNIVERSITY OF OVIEDO                            | 1374065 | 15. 0127 |
| 430 | UNIVERSITY OF DELAWARE                          | 1374063 | 15. 0126 |
| 431 | KYUNGPOOK NATIONAL UNIVERSITY                   | 1372509 | 14. 9957 |
| 432 | NASA GODDARD SPACE FLIGHT CENTER                | 1371740 | 14. 9873 |
| 433 | SHINSHU UNIVERSITY                              | 1367021 | 14. 9357 |
| 434 | UTAH SYSTEM OF HIGHER EDUCATION                 | 1362379 | 14. 8850 |
| 435 | INTERNATIONAL BUSINESS MACHINES (IBM)           | 1357026 | 14. 8265 |

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| 436 | CUKUROVA UNIVERSITY                                            | 1356273 | 14. 8183 |
| 437 | UNIV IBEROAMER                                                 | 1355379 | 14. 8085 |
| 438 | CTR NATL ENERGIE SCI TECH NUCL                                 | 1353316 | 14. 7860 |
| 439 | UNIVERSITY OF AUCKLAND                                         | 1351630 | 14. 7675 |
| 440 | JAGIELLONIAN UNIVERSITY                                        | 1349282 | 14. 7419 |
| 441 | UNIVERSIDAD DE CANTABRIA                                       | 1347162 | 14. 7187 |
| 442 | ADIYAMAN UNIVERSITY                                            | 1344556 | 14. 6903 |
| 443 | WEST UNIVERSITY OF TIMISOARA                                   | 1333613 | 14. 5707 |
| 444 | CNRS - INSTITUTE FOR ENGINEERING &<br>SYSTEMS SCIENCES (INSIS) | 1324208 | 14. 4679 |
| 445 | UNIVERSITY OF URBINO                                           | 1319674 | 14. 4184 |
| 446 | KOREA INSTITUTE OF SCIENCE &<br>TECHNOLOGY INFORMATION (KISTI) | 1313006 | 14. 3455 |
| 447 | UNIVERSIDAD TECNICA FEDERICO SANTA<br>MARIA                    | 1305532 | 14. 2639 |
| 448 | UNIVERSITY OF IOANNINA                                         | 1305101 | 14. 2592 |
| 449 | AGH UNIVERSITY OF SCIENCE &<br>TECHNOLOGY                      | 1301596 | 14. 2209 |
| 450 | ZHEJIANG UNIVERSITY                                            | 1301542 | 14. 2203 |
| 451 | DELFT UNIVERSITY OF TECHNOLOGY                                 | 1301003 | 14. 2144 |
| 452 | LAPPEENRANTA UNIVERSITY OF<br>TECHNOLOGY                       | 1297756 | 14. 1789 |
| 453 | LPTPM                                                          | 1296003 | 14. 1598 |
| 454 | SUN YAT SEN UNIVERSITY                                         | 1290710 | 14. 1019 |
| 455 | SUEZ CANAL UNIVERSITY                                          | 1287216 | 14. 0638 |
| 456 | NATIONAL CENTRAL UNIVERSITY                                    | 1276372 | 13. 9453 |
| 457 | GAZIOSMANPASA UNIVERSITY                                       | 1269991 | 13. 8756 |
| 458 | UNIVERSITY OF JOHANNESBURG                                     | 1269883 | 13. 8744 |
| 459 | PARTHENOPE UNIVERSITY NAPLES                                   | 1265665 | 13. 8283 |
| 460 | UNIVERSITY OF VIENNA                                           | 1264288 | 13. 8133 |

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| 461 | HASSAN II UNIVERSITY OF CASABLANCA                      | 1262720 | 13. 7961 |
| 462 | UNIVERSITY OF SEOUL                                     | 1259025 | 13. 7558 |
| 463 | UNIVERSITY OF STUTTGART                                 | 1258789 | 13. 7532 |
| 464 | MONASH UNIVERSITY                                       | 1257215 | 13. 7360 |
| 465 | ARISTOTLE UNIVERSITY OF<br>THESSALONIKI                 | 1251547 | 13. 6741 |
| 466 | UNIVERSITY OF HANNOVER                                  | 1250906 | 13. 6671 |
| 467 | BRITISH UNIVERSITY IN EGYPT                             | 1245277 | 13. 6056 |
| 468 | NATIONAL TSING HUA UNIVERSITY                           | 1227196 | 13. 4080 |
| 469 | WILLIAM & MARY                                          | 1225766 | 13. 3924 |
| 470 | UNIVERSITY OF TEXAS RIO GRANDE<br>VALLEY                | 1223981 | 13. 3729 |
| 471 | MONTANA STATE UNIVERSITY                                | 1216971 | 13. 2963 |
| 472 | MONTANA STATE UNIVERSITY BOZEMAN                        | 1215151 | 13. 2764 |
| 473 | MONTANA STATE UNIVERSITY SYSTEM                         | 1215151 | 13. 2764 |
| 474 | POLYTECHNIC UNIVERSITY OF BUCHAREST                     | 1214006 | 13. 2639 |
| 475 | BRANDENBURG UNIVERSITY OF<br>TECHNOLOGY COTTBUS         | 1212727 | 13. 2499 |
| 476 | ANKARA UNIVERSITY                                       | 1209275 | 13. 2122 |
| 477 | NATIONAL UNIVERSITY OF LA PLATA                         | 1206524 | 13. 1822 |
| 478 | KANGWON NATIONAL UNIVERSITY                             | 1196608 | 13. 0738 |
| 479 | INTER-UNIVERSITY CENTRE FOR<br>ASTRONOMY & ASTROPHYSICS | 1195252 | 13. 0590 |
| 480 | SAHA INSTITUTE OF NUCLEAR PHYSICS                       | 1192846 | 13. 0327 |
| 481 | UNIVERSITY OF SOFIA                                     | 1187477 | 12. 9740 |
| 482 | CARDIFF UNIVERSITY                                      | 1187432 | 12. 9736 |
| 483 | MERSIN UNIVERSITY                                       | 1186143 | 12. 9595 |
| 484 | CASE WESTERN RESERVE UNIVERSITY                         | 1183754 | 12. 9334 |
| 485 | UNIVERSIDADE FEDERAL DE SAO JOAO<br>DEL-REI             | 1182788 | 12. 9228 |

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| 486 | UNIVERSITY OF HONG KONG                                    | 1182500 | 12. 9197 |
| 487 | UNIVERSITY OF WITWATERSRAND                                | 1179960 | 12. 8919 |
| 488 | FRITZ HABER INSTITUTE OF THE MAX PLANCK SOCIETY            | 1177109 | 12. 8608 |
| 489 | GRAN SASSO SCIENCE INSTITUTE                               | 1172985 | 12. 8157 |
| 490 | NATIONAL CENTRE FOR PHYSICS – PAKISTAN                     | 1168046 | 12. 7617 |
| 491 | UNIVERSITY OF ILLINOIS CHICAGO HOSPITAL                    | 1166207 | 12. 7417 |
| 492 | QUAID I AZAM UNIVERSITY                                    | 1163607 | 12. 7132 |
| 493 | UNIVERSITY OF CINCINNATI                                   | 1161043 | 12. 6852 |
| 494 | CITY UNIVERSITY OF NEW YORK (CUNY) SYSTEM                  | 1156447 | 12. 6350 |
| 495 | CSIC – UAM – INSTITUT DE FISICA TEORICA (IFT)              | 1155940 | 12. 6295 |
| 496 | UNIVERSITAT DE LES ILLES BALEARS                           | 1149685 | 12. 5611 |
| 497 | ROCHESTER INSTITUTE OF TECHNOLOGY                          | 1144335 | 12. 5027 |
| 498 | DARMSTADT UNIVERSITY OF TECHNOLOGY                         | 1143604 | 12. 4947 |
| 499 | UTRECHT UNIVERSITY                                         | 1135322 | 12. 4042 |
| 500 | UNIVERSITY OF DELHI                                        | 1129995 | 12. 3460 |
| 501 | CADI AYYAD UNIVERSITY OF MARRAKECH                         | 1129686 | 12. 3426 |
| 502 | AALTO UNIVERSITY                                           | 1126580 | 12. 3087 |
| 503 | VILNIUS UNIVERSITY                                         | 1126339 | 12. 3061 |
| 504 | UNIVERSIDADE FEDERAL DE JUIZ DE FORA                       | 1105059 | 12. 0736 |
| 505 | WASHINGTON STATE UNIVERSITY                                | 1104149 | 12. 0636 |
| 506 | UNIVERSITY OF SALERNO                                      | 1097198 | 11. 9877 |
| 507 | CHINESE UNIVERSITY OF HONG KONG                            | 1094752 | 11. 9610 |
| 508 | VISVA BHARATI UNIVERSITY                                   | 1091185 | 11. 9220 |
| 509 | INSTITUTE OF PHYSICS OF THE AZERBAIJAN NATIONAL ACADEMY OF | 1088570 | 11. 8934 |
| 510 | HIROSHIMA UNIVERSITY                                       | 1084622 | 11. 8503 |

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| 511 | FUDAN UNIVERSITY                                                     | 1083554 | 11. 8386 |
| 512 | LEIDEN UNIVERSITY                                                    | 1080383 | 11. 8040 |
| 513 | GOETHE UNIVERSITY FRANKFURT                                          | 1079767 | 11. 7972 |
| 514 | IZMIR INSTITUTE OF TECHNOLOGY                                        | 1076445 | 11. 7609 |
| 515 | KING ABDULAZIZ UNIVERSITY                                            | 1075182 | 11. 7472 |
| 516 | BHABHA ATOMIC RESEARCH CENTER                                        | 1066331 | 11. 6504 |
| 517 | RUHR UNIVERSITY BOCHUM                                               | 1057179 | 11. 5505 |
| 518 | UNIVERSITY OF STRATHCLYDE                                            | 1052436 | 11. 4986 |
| 519 | CONSEJO NACIONAL DE INVESTIGACIONES CIENTIFICAS Y TECNICAS (CONICET) | 1050998 | 11. 4829 |
| 520 | UNIVERSITY OF CENTRAL FLORIDA                                        | 1046760 | 11. 4366 |
| 521 | FRIEDRICH SCHILLER UNIVERSITY OF JENA                                | 1038613 | 11. 3476 |
| 522 | GEORGE WASHINGTON UNIVERSITY                                         | 1038183 | 11. 3429 |
| 523 | COLLEGE DE FRANCE                                                    | 1037523 | 11. 3357 |
| 524 | UTAH VALLEY UNIVERSITY                                               | 1035468 | 11. 3132 |
| 525 | PUSAN NATIONAL UNIVERSITY                                            | 1034303 | 11. 3005 |
| 526 | AZERBAIJAN NATIONAL ACADEMY OF SCIENCES (ANAS)                       | 1033910 | 11. 2962 |
| 527 | UNITED STATES NAVY                                                   | 1033894 | 11. 2960 |
| 528 | UNIVERSIDADE ESTADUAL DE CAMPINAS                                    | 1032521 | 11. 2810 |
| 529 | ISFAHAN UNIVERSITY OF TECHNOLOGY                                     | 1028410 | 11. 2361 |
| 530 | MOHAMMED V UNIVERSITY                                                | 1024324 | 11. 1915 |
| 531 | KYUSHU UNIVERSITY                                                    | 1015491 | 11. 0950 |
| 532 | RITSUMEIKAN UNIVERSITY                                               | 1009879 | 11. 0337 |
| 533 | AGENCY FOR SCIENCE TECHNOLOGY & RESEARCH (ASTAR)                     | 1007397 | 11. 0065 |
| 534 | UNIVERSIDADE NOVA DE LISBOA                                          | 1003777 | 10. 9670 |
| 535 | NATIONAL ACADEMY OF SCIENCES OF BELARUS (NASB)                       | 1000575 | 10. 9320 |

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| 536 | OZYEGIN UNIVERSITY                                | 999317 | 10. 9183 |
| 537 | SOLTAN INSTITUTE FOR NUCLEAR STUDIES              | 982100 | 10. 7302 |
| 538 | INSTITUT DE RECHERCHE POUR LE DEVELOPPEMENT (IRD) | 981464 | 10. 7232 |
| 539 | GUGLIELMO MARCONI UNIVERSITY                      | 979019 | 10. 6965 |
| 540 | UNIVERSITY OF GRONINGEN                           | 972388 | 10. 6241 |
| 541 | AMES NATIONAL LABORATORY                          | 963295 | 10. 5247 |
| 542 | GAZI UNIVERSITY                                   | 960569 | 10. 4949 |
| 543 | WEST VIRGINIA UNIVERSITY                          | 947590 | 10. 3531 |
| 544 | UNIV COTE DAZUR COMUE                             | 943256 | 10. 3058 |
| 545 | EGE UNIVERSITY                                    | 940195 | 10. 2723 |
| 546 | UNIVERSITY OF WESTERN AUSTRALIA                   | 929429 | 10. 1547 |
| 547 | HONG KONG UNIVERSITY OF SCIENCE & TECHNOLOGY      | 926752 | 10. 1254 |
| 548 | NATIONAL ASTRONOMICAL OBSERVATORY OF JAPAN        | 923770 | 10. 0929 |
| 549 | JEFFERSON NATIONAL ACCELERATOR                    | 916612 | 10. 0147 |
| 550 | CNRS - INSTITUTE OF CHEMISTRY (INC)               | 905320 | 9. 8913  |
| 551 | INST RES FUNDAMENTAL SCI IPM                      | 904939 | 9. 8871  |
| 552 | UNIVERSITY OF SANTIAGO DE COMPOSTELA              | 904216 | 9. 8792  |
| 553 | UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO           | 902844 | 9. 8642  |
| 554 | UNIVERSITY OF NOTTINGHAM                          | 899161 | 9. 8240  |
| 555 | SULEYMAN DEMIREL UNIVERSITY                       | 891918 | 9. 7449  |
| 556 | POLYTECHNIC UNIVERSITY OF MILAN                   | 890194 | 9. 7260  |
| 557 | IMT ATLANTIQUE                                    | 888137 | 9. 7035  |
| 558 | UNIVERSITY OF NORTH CAROLINA                      | 885806 | 9. 6781  |
| 559 | WASHINGTON UNIVERSITY (WUSTL)                     | 878447 | 9. 5977  |
| 560 | UNIVERSITY OF REGENSBURG                          | 867620 | 9. 4794  |

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| 561 | UNIVERSITE DE TOULOUSE                                         | 863969 | 9. 4395 |
| 562 | KHARKOV INSTITUTE OF PHYSICS & TECHNOLOGY                      | 863353 | 9. 4328 |
| 563 | UNIVERSITY OF MUNSTER                                          | 859123 | 9. 3865 |
| 564 | INSTITUTO POLITECNICO NACIONAL – MEXICO                        | 858708 | 9. 3820 |
| 565 | MIMAR SINAN GUZEL SANATLAR UNIVERSITY                          | 848821 | 9. 2740 |
| 566 | ISLAMIC AZAD UNIVERSITY                                        | 842577 | 9. 2058 |
| 567 | UNIVERSITY OF CAMERINO                                         | 833951 | 9. 1115 |
| 568 | UNIVERSITY OF NICE SOPHIA ANTIPOLIS                            | 828344 | 9. 0503 |
| 569 | NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE & TECHNOLOGY | 819194 | 8. 9503 |
| 570 | UNIVERSITY OF CHINESE ACADEMY OF SCIENCES, CAS                 | 812201 | 8. 8739 |
| 571 | NATIONAL INSTITUTE OF SCIENCE EDUCATION & RESEARCH (NISER)     | 811636 | 8. 8677 |
| 572 | SMITHSONIAN ASTROPHYSICAL OBSERVATORY                          | 810602 | 8. 8564 |
| 573 | MOSCOW INSTITUTE OF PHYSICS & TECHNOLOGY                       | 806168 | 8. 8080 |
| 574 | CIEMAT                                                         | 804617 | 8. 7910 |
| 575 | SANDIA NATIONAL LABORATORY                                     | 803762 | 8. 7817 |
| 576 | HELMHOLTZ-ZENTRUM FUER MATERIALIEN UND ENERGIE GMBH (HZB)      | 793377 | 8. 6682 |
| 577 | SMITHSONIAN INSTITUTION                                        | 787255 | 8. 6013 |
| 578 | UNIVERSITY OF TWENTE                                           | 782146 | 8. 5455 |
| 579 | HUAZHONG UNIVERSITY OF SCIENCE & TECHNOLOGY                    | 779894 | 8. 5209 |
| 580 | EURATOM                                                        | 777767 | 8. 4977 |
| 581 | POHANG UNIVERSITY OF SCIENCE & TECHNOLOGY (POSTECH)            | 777486 | 8. 4946 |
| 582 | UNIVERSITY OF JYVASKYLA                                        | 775639 | 8. 4744 |
| 583 | UNIVERSITY OF KWAZULU NATAL                                    | 773193 | 8. 4477 |
| 584 | UNIVERSITY OF AUGSBURG                                         | 771184 | 8. 4257 |
| 585 | EUROPEAN SYNCHROTRON RADIATION FACILITY (ESRF)                 | 770384 | 8. 4170 |

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|-----|------------------------------------------------|--------|---------|
| 586 | UNIVERSITE TOULOUSE III - PAUL SABATIER        | 769644 | 8. 4089 |
| 587 | WARSAW UNIVERSITY OF TECHNOLOGY                | 767768 | 8. 3884 |
| 588 | EINDHOVEN UNIVERSITY OF TECHNOLOGY             | 761962 | 8. 3250 |
| 589 | UNIVERSITY OF QUEENSLAND                       | 761960 | 8. 3250 |
| 590 | UNIVERSITY OF SOUTHERN CALIFORNIA              | 760954 | 8. 3140 |
| 591 | JAPAN ATOMIC ENERGY AGENCY                     | 756508 | 8. 2654 |
| 592 | UNIVERSITY OF PADERBORN                        | 752494 | 8. 2215 |
| 593 | COLLABORAT INNOVAT CTR QUANTUM MATTER          | 751806 | 8. 2140 |
| 594 | NATIONAL ACADEMY OF SCIENCES UKRAINE           | 751281 | 8. 2083 |
| 595 | FREE UNIVERSITY OF BERLIN                      | 747251 | 8. 1643 |
| 596 | HANYANG UNIVERSITY                             | 746501 | 8. 1561 |
| 597 | NATIONAL RESEARCH COUNCIL CANADA               | 745203 | 8. 1419 |
| 598 | DEPARTMENT OF SCIENCE & TECHNOLOGY (INDIA)     | 745077 | 8. 1405 |
| 599 | AARHUS UNIVERSITY                              | 744954 | 8. 1392 |
| 600 | PRES EUROPEAN UNIV BRETAGNE                    | 744601 | 8. 1353 |
| 601 | UNIVERSITE DE RENNES 1                         | 743577 | 8. 1241 |
| 602 | CAIRO UNIVERSITY                               | 740691 | 8. 0926 |
| 603 | NAVAL RESEARCH LABORATORY                      | 735834 | 8. 0395 |
| 604 | CENTRAL CHINA NORMAL UNIVERSITY                | 734560 | 8. 0256 |
| 605 | ULM UNIVERSITY                                 | 733283 | 8. 0116 |
| 606 | UNIVERSITI MALAYA                              | 728144 | 7. 9555 |
| 607 | KOREA INSTITUTE OF SCIENCE & TECHNOLOGY (KIST) | 727940 | 7. 9533 |
| 608 | CHULALONGKORN UNIVERSITY                       | 727481 | 7. 9483 |
| 609 | SHARIF UNIVERSITY OF TECHNOLOGY                | 724953 | 7. 9206 |
| 610 | SAMSUNG                                        | 723651 | 7. 9064 |

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| 611 | TECHNICAL UNIVERSITY OF BERLIN                                 | 711969 | 7. 7788 |
| 612 | UNIVERSITY OF FRIBOURG                                         | 711273 | 7. 7712 |
| 613 | CANADIAN INSTITUTE FOR ADVANCED RESEARCH (CIFAR)               | 695241 | 7. 5960 |
| 614 | UNIVERSITY OF HOUSTON                                          | 692016 | 7. 5608 |
| 615 | UNIVERSITY OF HOUSTON SYSTEM                                   | 692016 | 7. 5608 |
| 616 | NANKAI UNIVERSITY                                              | 689010 | 7. 5279 |
| 617 | CITY COLLEGE OF NEW YORK (CUNY)                                | 688721 | 7. 5248 |
| 618 | UNIVERSITY OF ST ANDREWS                                       | 687546 | 7. 5119 |
| 619 | NATIONAL INSTITUTES OF NATURAL SCIENCES (NINS) – JAPAN         | 682538 | 7. 4572 |
| 620 | BASQUE FOUNDATION FOR SCIENCE                                  | 678321 | 7. 4112 |
| 621 | UNIV NANTES ANGERS LE MANS                                     | 677743 | 7. 4048 |
| 622 | LEIBNIZ INSTITUTE FOR SOLID STATE & MATERIALS RESEARCH DRESDEN | 676692 | 7. 3934 |
| 623 | JILIN UNIVERSITY                                               | 672606 | 7. 3487 |
| 624 | UNIVERSITE DE BORDEAUX                                         | 671343 | 7. 3349 |
| 625 | ARIZONA STATE UNIVERSITY                                       | 670666 | 7. 3275 |
| 626 | UNIVERSITY OF COLOGNE                                          | 669071 | 7. 3101 |
| 627 | UNIVERSITE DE NANTES                                           | 665595 | 7. 2721 |
| 628 | NATIONAL RENEWABLE ENERGY LABORATORY – USA                     | 664014 | 7. 2548 |
| 629 | SOUTHEAST UNIVERSITY – CHINA                                   | 653172 | 7. 1364 |
| 630 | UNIVERSITY OF ROSTOCK                                          | 642162 | 7. 0161 |
| 631 | UNIVERSITY OF CAGLIARI                                         | 640280 | 6. 9955 |
| 632 | NORTH CAROLINA STATE UNIVERSITY                                | 637990 | 6. 9705 |
| 633 | COLORADO STATE UNIVERSITY                                      | 632630 | 6. 9119 |
| 634 | RENSSELAER POLYTECHNIC INSTITUTE                               | 632174 | 6. 9070 |
| 635 | UNIVERSITE DE MONTPELLIER                                      | 619306 | 6. 7664 |

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| 636 | VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY               | 611908 | 6. 6855 |
| 637 | BEIHANG UNIVERSITY                                              | 606792 | 6. 6296 |
| 638 | PETER THE GREAT ST. PETERSBURG POLYTECHNIC UNIVERSITY           | 606139 | 6. 6225 |
| 639 | UNIVERSITY OF NEW SOUTH WALES SYDNEY                            | 600230 | 6. 5579 |
| 640 | CNRS – NATIONAL INSTITUTE FOR EARTH SCIENCES & ASTRONOMY (INSU) | 593560 | 6. 4851 |
| 641 | CHALMERS UNIVERSITY OF TECHNOLOGY                               | 586787 | 6. 4111 |
| 642 | UNIVERSITY OF FERRARA                                           | 575425 | 6. 2869 |
| 643 | ECOLE NORMALE SUPERIEURE DE LYON (ENS LYON)                     | 571441 | 6. 2434 |
| 644 | HEBREW UNIVERSITY OF JERUSALEM                                  | 571211 | 6. 2409 |
| 645 | KU LEUVEN                                                       | 570898 | 6. 2375 |
| 646 | UNIVERSITY OF ZARAGOZA                                          | 569532 | 6. 2226 |
| 647 | UNIVERSITY OF HAWAII SYSTEM                                     | 565570 | 6. 1793 |
| 648 | UNIVERSITY OF MARIBOR                                           | 563732 | 6. 1592 |
| 649 | INSTITUTE FOR INTEGRATIVE NANOSCIENCES (IIN)                    | 555940 | 6. 0740 |
| 650 | NATIONAL CENTRE OF SCIENTIFIC RESEARCH DEMOKRITOS               | 553916 | 6. 0519 |
| 651 | KOREA ADVANCED INSTITUTE OF SCIENCE & TECHNOLOGY (KAIST)        | 552317 | 6. 0345 |
| 652 | INRIA                                                           | 550305 | 6. 0125 |
| 653 | ISTITUTO NAZIONALE DI OTTICA (INO-CNR)                          | 549026 | 5. 9985 |
| 654 | SUZHOU UNIVERSITY                                               | 547402 | 5. 9808 |
| 655 | ISTITUTO NANOSCIENZE (NANO-CNR)                                 | 544390 | 5. 9479 |
| 656 | QUEENS UNIVERSITY BELFAST                                       | 542211 | 5. 9240 |
| 657 | INDIAN INSTITUTE OF TECHNOLOGY (IIT) – BOMBAY                   | 541847 | 5. 9201 |
| 658 | NASA JET PROPULSION LABORATORY (JPL)                            | 535853 | 5. 8546 |
| 659 | UNIVERSITY OF CRETE                                             | 535098 | 5. 8463 |
| 660 | XI'AN JIAOTONG UNIVERSITY                                       | 527361 | 5. 7618 |

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| 661 | UNIVERSITY OF UTAH                                        | 526676 | 5. 7543 |
| 662 | CITY UNIVERSITY OF HONG KONG                              | 523379 | 5. 7183 |
| 663 | AIN SHAMS UNIVERSITY                                      | 511041 | 5. 5835 |
| 664 | INSTITUT D'OPTIQUE GRADUATE SCHOOL                        | 507215 | 5. 5417 |
| 665 | NATIONAL CHIAO TUNG UNIVERSITY                            | 502537 | 5. 4906 |
| 666 | INSTITUTE OF THEORETICAL PHYSICS,<br>CAS                  | 494870 | 5. 4068 |
| 667 | TRINITY COLLEGE DUBLIN                                    | 491700 | 5. 3722 |
| 668 | GENERAL ATOMICS & AFFILIATED<br>COMPANIES                 | 490245 | 5. 3563 |
| 669 | COMPLUTENSE UNIVERSITY OF MADRID                          | 488856 | 5. 3411 |
| 670 | UNIVERSITY OF OTTAWA                                      | 483705 | 5. 2848 |
| 671 | HARBIN INSTITUTE OF TECHNOLOGY                            | 481118 | 5. 2566 |
| 672 | UNIVERSITY OF YORK – UK                                   | 479442 | 5. 2383 |
| 673 | IMEC                                                      | 473589 | 5. 1743 |
| 674 | JEONBUK NATIONAL UNIVERSITY                               | 464566 | 5. 0757 |
| 675 | UNIVERSIDADE DO PORTO                                     | 461739 | 5. 0448 |
| 676 | BABES BOLYAI UNIVERSITY FROM CLUJ                         | 461306 | 5. 0401 |
| 677 | TEXAS A&M UNIVERSITY QATAR                                | 458659 | 5. 0112 |
| 678 | KING ABDULLAH UNIVERSITY OF SCIENCE<br>& TECHNOLOGY       | 453021 | 4. 9496 |
| 679 | LANZHOU UNIVERSITY                                        | 444316 | 4. 8545 |
| 680 | KONKUK UNIVERSITY                                         | 443935 | 4. 8503 |
| 681 | UNIV BOURGOGNE FRANCHE-COMTE COMUE                        | 442364 | 4. 8331 |
| 682 | FRAUNHOFER GESELLSCHAFT                                   | 440262 | 4. 8102 |
| 683 | UNIVERSITY OF ELECTRONIC SCIENCE &<br>TECHNOLOGY OF CHINA | 439181 | 4. 7984 |
| 684 | HERIOT WATT UNIVERSITY                                    | 439045 | 4. 7969 |
| 685 | UNIVERSITY OF CONNECTICUT                                 | 427080 | 4. 6662 |

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| 686 | INSTITUTE OF APPLIED PHYSICS OF THE<br>RUSSIAN ACADEMY OF SCIENCES     | 422979 | 4. 6214 |
| 687 | RUSSIAN ACAD SCI NIZHNY NOVGOROD<br>SCIENTIFIC CENTRE                  | 422979 | 4. 6214 |
| 688 | LINKOPING UNIVERSITY                                                   | 419685 | 4. 5854 |
| 689 | MCMASTER UNIVERSITY                                                    | 418953 | 4. 5774 |
| 690 | ISTITUTO ITALIANO DI TECNOLOGIA –<br>IIT                               | 417544 | 4. 5620 |
| 691 | UNIVERSITY OF LEEDS                                                    | 416974 | 4. 5557 |
| 692 | INDIAN INSTITUTE OF SCIENCE (IISC)<br>– BANGALORE                      | 416728 | 4. 5531 |
| 693 | BAR ILAN UNIVERSITY                                                    | 416046 | 4. 5456 |
| 694 | VARIABLE ENERGY CYCLOTRON CENTRE                                       | 410699 | 4. 4872 |
| 695 | ST. PETERSBURG SCIENTIFIC CENTRE OF<br>THE RUSSIAN ACADEMY OF SCIENCES | 407869 | 4. 4563 |
| 696 | PRINCETON PLASMA PHYSICS LABORATORY                                    | 407754 | 4. 4550 |
| 697 | HONG KONG POLYTECHNIC UNIVERSITY                                       | 406988 | 4. 4466 |
| 698 | INSTITUTE OF PHYSICS BHUBANESWAR<br>(IOPB)                             | 402466 | 4. 3972 |
| 699 | PHYSIKALISCH-TECHNISCHE<br>BUNDESANSTALT (PTB)                         | 399985 | 4. 3701 |
| 700 | SOUTH CHINA UNIVERSITY OF<br>TECHNOLOGY                                | 395559 | 4. 3218 |
| 701 | COUNCIL OF SCIENTIFIC & INDUSTRIAL<br>RESEARCH (CSIR) – INDIA          | 384907 | 4. 2054 |
| 702 | BEIJING NORMAL UNIVERSITY                                              | 376122 | 4. 1094 |
| 703 | INSTITUT LAUE-LANGEVIN (ILL)                                           | 375094 | 4. 0982 |
| 704 | UNIVERSITE FEDERALE TOULOUSE MIDI-<br>PYRENEES (COMUE)                 | 372908 | 4. 0743 |
| 705 | UNIVERSITE CONFEDERALE LEONARD DE<br>VINCI                             | 372567 | 4. 0706 |
| 706 | UNIVERSITY OF ZAGREB                                                   | 372071 | 4. 0651 |
| 707 | INSTITUTE OF SEMICONDUCTORS, CAS                                       | 372039 | 4. 0648 |
| 708 | HUNAN UNIVERSITY                                                       | 370620 | 4. 0493 |
| 709 | IOFFE PHYSICAL TECHNICAL INSTITUTE                                     | 369897 | 4. 0414 |
| 710 | CENTRALESUPELEC                                                        | 368748 | 4. 0288 |

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| 711 | UNIVERSITY OF DUISBURG ESSEN                               | 368124 | 4. 0220 |
| 712 | INDIAN INSTITUTE OF TECHNOLOGY (IIT) – MADRAS              | 360079 | 3. 9341 |
| 713 | CULHAM SCIENCE CENTRE                                      | 358528 | 3. 9172 |
| 714 | OSAKA CITY UNIVERSITY                                      | 356767 | 3. 8979 |
| 715 | NUCLEAR PHYSICS INSTITUTE OF THE CZECH ACADEMY OF SCIENCES | 356487 | 3. 8949 |
| 716 | SAINT PETERSBURG STATE UNIVERSITY                          | 356412 | 3. 8941 |
| 717 | POLYTECHNIC UNIVERSITY OF CATALONIA                        | 355951 | 3. 8890 |
| 718 | HELMHOLTZ-ZENTRUM DRESDEN-ROSSENDORF (HZDR)                | 350169 | 3. 8258 |
| 719 | UNIV LILLE NORD FRANCE COMUE                               | 339505 | 3. 7093 |
| 720 | WUHAN UNIVERSITY                                           | 338810 | 3. 7017 |
| 721 | SHANGHAI UNIVERSITY                                        | 336126 | 3. 6724 |
| 722 | UNIVERSITE DE LILLE                                        | 328875 | 3. 5932 |
| 723 | FONDATION I-SITE ULNE                                      | 328711 | 3. 5914 |
| 724 | NATIONAL INSTITUTE FOR LASER, PLASMA & RADIATION PHYSICS – | 325606 | 3. 5575 |
| 725 | POLYTECHNIC UNIVERSITY OF TURIN                            | 324145 | 3. 5415 |
| 726 | UNIVERSITE DE LORRAINE                                     | 323883 | 3. 5387 |
| 727 | BEIJING INSTITUTE OF TECHNOLOGY                            | 321013 | 3. 5073 |
| 728 | CHINA INSTITUTE OF ATOMIC ENERGY                           | 312701 | 3. 4165 |
| 729 | KYUNG HEE UNIVERSITY                                       | 308445 | 3. 3700 |
| 730 | TOMSK STATE UNIVERSITY                                     | 307645 | 3. 3612 |
| 731 | DALIAN UNIVERSITY OF TECHNOLOGY                            | 306100 | 3. 3444 |
| 732 | UNIVERSITY OF BUCHAREST                                    | 304035 | 3. 3218 |
| 733 | UNITED STATES AIR FORCE                                    | 296558 | 3. 2401 |
| 734 | TIANJIN UNIVERSITY                                         | 292017 | 3. 1905 |
| 735 | UNIVERSITY OF SURREY                                       | 286693 | 3. 1323 |

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| 736 | GWANGJU INSTITUTE OF SCIENCE & TECHNOLOGY (GIST)  | 285384 | 3. 1180 |
| 737 | XIAMEN UNIVERSITY                                 | 278485 | 3. 0427 |
| 738 | EAST CHINA NORMAL UNIVERSITY                      | 278006 | 3. 0374 |
| 739 | NATIONAL CHENG KUNG UNIVERSITY                    | 277613 | 3. 0331 |
| 740 | SHENZHEN UNIVERSITY                               | 267265 | 2. 9201 |
| 741 | INSTITUTE OF MODERN PHYSICS, CAS                  | 263899 | 2. 8833 |
| 742 | HOKKAIDO UNIVERSITY                               | 260304 | 2. 8440 |
| 743 | SHANGHAI INSTITUTE OF OPTICS & FINE MECHANICS     | 250322 | 2. 7349 |
| 744 | UNIVERSIDAD POLITECNICA DE MADRID                 | 247302 | 2. 7020 |
| 745 | TONGJI UNIVERSITY                                 | 241904 | 2. 6430 |
| 746 | NATIONAL UNIVERSITY OF DEFENSE TECHNOLOGY – CHINA | 237717 | 2. 5972 |
| 747 | CHONGQING UNIVERSITY                              | 212612 | 2. 3229 |
| 748 | BEIJING UNIVERSITY OF POSTS & TELECOMMUNICATIONS  | 209558 | 2. 2896 |
| 749 | SICHUAN UNIVERSITY                                | 203868 | 2. 2274 |
| 750 | NORTHWESTERN POLYTECHNICAL UNIVERSITY             | 193680 | 2. 1161 |
| 751 | SOUTH CHINA NORMAL UNIVERSITY                     | 186002 | 2. 0322 |

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References参考文献: