Supplementary Table 1. Number of authors and number of authors with at least 1 COVID-19-related publication. Data are limited to authors who have published anything that is Scopus-indexed in January 1, 2020 to August 1, 2021 and who have also authored in their entire career at least 5 Scopus-indexed papers that are classified as articles, reviews or conference papers, by the end of July 2021. Of a total of 2,989,810 such authors, 211,894 had at least one published and indexed COVID-19 paper. The Table shows data on 2,987,454 and 211,685 authors who can be classified in a subfield (the most common subfield for the papers that they have published in their career).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SUBFIELD | FIELD | Number of authors | Authors with COVID-19 paper(s) | % |
| Clinical Medicine | Emergency & Critical Care Medicine | 17450 | 6457 | 37.0% |
| Clinical Medicine | Anesthesiology | 18365 | 6235 | 34.0% |
| Biomedical Research | Virology | 31279 | 10069 | 32.2% |
| Public Health & Health Services | Epidemiology | 3830 | 1176 | 30.7% |
| Philosophy & Theology | Applied Ethics | 2696 | 819 | 30.4% |
| Clinical Medicine | Respiratory System | 27030 | 7744 | 28.6% |
| Clinical Medicine | General & Internal Medicine | 54981 | 15639 | 28.4% |
| Clinical Medicine | Allergy | 7147 | 1978 | 27.7% |
| Information & Communication Technologies | Medical Informatics | 6807 | 1854 | 27.2% |
| Public Health & Health Services | Public Health | 31577 | 8220 | 26.0% |
| Clinical Medicine | Geriatrics | 5129 | 1301 | 25.4% |
| Biomedical Research | Microbiology | 80988 | 18518 | 22.9% |
| Clinical Medicine | Surgery | 43798 | 9825 | 22.4% |
| Clinical Medicine | Environmental & Occupational Health | 4607 | 1028 | 22.3% |
| Clinical Medicine | Psychiatry | 32338 | 7073 | 21.9% |
| Public Health & Health Services | Health Policy & Services | 9442 | 2055 | 21.8% |
| Clinical Medicine | Cardiovascular System & Hematology | 84330 | 18264 | 21.7% |
| Clinical Medicine | Pediatrics | 25686 | 5533 | 21.5% |
| Clinical Medicine | Arthritis & Rheumatology | 17528 | 3766 | 21.5% |
| Clinical Medicine | General Clinical Medicine | 5734 | 1224 | 21.3% |
| Economics & Business | Sport, Leisure & Tourism | 4656 | 983 | 21.1% |
| Clinical Medicine | Tropical Medicine | 15754 | 3298 | 20.9% |
| Public Health & Health Services | Gerontology | 4879 | 1021 | 20.9% |
| Public Health & Health Services | Substance Abuse | 6762 | 1392 | 20.6% |
| Public Health & Health Services | Nursing | 19314 | 3899 | 20.2% |
| Clinical Medicine | Urology & Nephrology | 32902 | 6460 | 19.6% |
| Clinical Medicine | Otorhinolaryngology | 16486 | 3179 | 19.3% |
| Clinical Medicine | Immunology | 60939 | 11541 | 18.9% |
| Clinical Medicine | Gastroenterology & Hepatology | 38200 | 7231 | 18.9% |
| Social Sciences | Demography | 1536 | 285 | 18.6% |
| Enabling & Strategic Technologies | Bioinformatics | 10688 | 1960 | 18.3% |
| Clinical Medicine | Dermatology & Venereal Diseases | 19581 | 3551 | 18.1% |
| Psychology & Cognitive Sciences | Clinical Psychology | 6288 | 1130 | 18.0% |
| Psychology & Cognitive Sciences | Social Psychology | 10349 | 1797 | 17.4% |
| Economics & Business | Development Studies | 2071 | 348 | 16.8% |
| Social Sciences | Social Work | 3559 | 598 | 16.8% |
| Clinical Medicine | Obstetrics & Reproductive Medicine | 33013 | 5197 | 15.7% |
| Economics & Business | Economics | 23629 | 3712 | 15.7% |
| Social Sciences | Political Science & Public Administration | 10721 | 1564 | 14.6% |
| Social Sciences | Information & Library Sciences | 4355 | 622 | 14.3% |
| Clinical Medicine | Nuclear Medicine & Medical Imaging | 44468 | 6295 | 14.2% |
| Clinical Medicine | Endocrinology & Metabolism | 36724 | 5163 | 14.1% |
| Social Sciences | Law | 4554 | 631 | 13.9% |
| Communication & Textual Studies | Communication & Media Studies | 5888 | 815 | 13.8% |
| Economics & Business | Agricultural Economics & Policy | 3001 | 415 | 13.8% |
| Clinical Medicine | Legal & Forensic Medicine | 5364 | 740 | 13.8% |
| Social Sciences | Family Studies | 1456 | 196 | 13.5% |
| Public Health & Health Services | Rehabilitation | 12265 | 1576 | 12.8% |
| Economics & Business | Industrial Relations | 1048 | 130 | 12.4% |
| Clinical Medicine | Complementary & Alternative Medicine | 6006 | 744 | 12.4% |
| Mathematics & Statistics | Statistics & Probability | 11867 | 1468 | 12.4% |
| Clinical Medicine | Neurology & Neurosurgery | 139702 | 17148 | 12.3% |
| Clinical Medicine | Oncology & Carcinogenesis | 157097 | 18969 | 12.1% |
| Clinical Medicine | Ophthalmology & Optometry | 27337 | 3297 | 12.1% |
| Clinical Medicine | Pharmacology & Pharmacy | 48853 | 5885 | 12.0% |
| Economics & Business | Business & Management | 25629 | 3081 | 12.0% |
| Clinical Medicine | Sport Sciences | 15621 | 1870 | 12.0% |
| Clinical Medicine | Pathology | 8201 | 981 | 12.0% |
| Psychology & Cognitive Sciences | Developmental & Child Psychology | 9494 | 1131 | 11.9% |
| Economics & Business | Finance | 6730 | 801 | 11.9% |
| Biomedical Research | Nutrition & Dietetics | 20195 | 2358 | 11.7% |
| Social Sciences | Sociology | 4802 | 555 | 11.6% |
| Clinical Medicine | Dentistry | 30160 | 3474 | 11.5% |
| Biomedical Research | Toxicology | 22084 | 2498 | 11.3% |
| Social Sciences | Criminology | 5429 | 611 | 11.3% |
| Psychology & Cognitive Sciences | General Psychology & Cognitive Sciences | 1409 | 158 | 11.2% |
| Built Environment & Design | Urban & Regional Planning | 5627 | 618 | 11.0% |
| Economics & Business | Econometrics | 757 | 82 | 10.8% |
| Social Sciences | Science Studies | 2135 | 227 | 10.6% |
| Biomedical Research | Biophysics | 6854 | 714 | 10.4% |
| Information & Communication Technologies | Information Systems | 7648 | 789 | 10.3% |
| Social Sciences | Gender Studies | 1060 | 109 | 10.3% |
| Clinical Medicine | Orthopedics | 34468 | 3508 | 10.2% |
| Social Sciences | International Relations | 3396 | 342 | 10.1% |
| Social Sciences | Education | 34723 | 3476 | 10.0% |
| Economics & Business | Marketing | 6675 | 657 | 9.8% |
| Biomedical Research | Developmental Biology | 70598 | 6807 | 9.6% |
| Social Sciences | Geography | 7930 | 747 | 9.4% |
| Psychology & Cognitive Sciences | Human Factors | 6657 | 581 | 8.7% |
| Biomedical Research | Biochemistry & Molecular Biology | 60891 | 5305 | 8.7% |
| Social Sciences | Social Sciences Methods | 1237 | 107 | 8.6% |
| Biomedical Research | Genetics & Heredity | 17049 | 1455 | 8.5% |
| Chemistry | Medicinal & Biomolecular Chemistry | 38993 | 3317 | 8.5% |
| Psychology & Cognitive Sciences | Psychoanalysis | 917 | 77 | 8.4% |
| Psychology & Cognitive Sciences | Experimental Psychology | 15882 | 1309 | 8.2% |
| Economics & Business | Logistics & Transportation | 12194 | 978 | 8.0% |
| Biomedical Research | Anatomy & Morphology | 2479 | 194 | 7.8% |
| Economics & Business | Accounting | 3027 | 234 | 7.7% |
| Engineering | Operations Research | 13389 | 1030 | 7.7% |
| Historical Studies | History of Science, Technology & Medicine | 904 | 67 | 7.4% |
| Enabling & Strategic Technologies | Strategic, Defence & Security Studies | 8405 | 585 | 7.0% |
| Information & Communication Technologies | Artificial Intelligence & Image Processing | 142567 | 9845 | 6.9% |
| Biomedical Research | Physiology | 7784 | 528 | 6.8% |
| Agriculture, Fisheries & Forestry | Veterinary Sciences | 23531 | 1524 | 6.5% |
| Historical Studies | Anthropology | 3897 | 252 | 6.5% |
| Earth & Environmental Sciences | Meteorology & Atmospheric Sciences | 35410 | 2248 | 6.3% |
| Philosophy & Theology | Religions & Theology | 3158 | 198 | 6.3% |
| Earth & Environmental Sciences | Environmental Sciences | 47276 | 2753 | 5.8% |
| Social Sciences | Cultural Studies | 2536 | 146 | 5.8% |
| Mathematics & Statistics | Applied Mathematics | 9353 | 530 | 5.7% |
| Engineering | Biomedical Engineering | 25948 | 1457 | 5.6% |
| Economics & Business | Economic Theory | 985 | 55 | 5.6% |
| Historical Studies | History of Social Sciences | 920 | 50 | 5.4% |
| Public Health & Health Services | Speech-Language Pathology & Audiology | 4797 | 252 | 5.3% |
| Visual & Performing Arts | Drama & Theater | 425 | 22 | 5.2% |
| Physics & Astronomy | Fluids & Plasmas | 22311 | 1135 | 5.1% |
| Biomedical Research | Mycology & Parasitology | 11507 | 582 | 5.1% |
| Psychology & Cognitive Sciences | Behavioral Science & Comparative Psychology | 5137 | 254 | 4.9% |
| Chemistry | Analytical Chemistry | 42847 | 2074 | 4.8% |
| Visual & Performing Arts | Folklore | 191 | 9 | 4.7% |
| Enabling & Strategic Technologies | Biotechnology | 24957 | 1111 | 4.5% |
| Information & Communication Technologies | Software Engineering | 8525 | 375 | 4.4% |
| Information & Communication Technologies | Distributed Computing | 3886 | 167 | 4.3% |
| Built Environment & Design | Architecture | 471 | 20 | 4.2% |
| Biology | Evolutionary Biology | 15692 | 664 | 4.2% |
| Built Environment & Design | Building & Construction | 16833 | 703 | 4.2% |
| Biology | Ecology | 34062 | 1415 | 4.2% |
| Physics & Astronomy | Mathematical Physics | 2607 | 107 | 4.1% |
| Information & Communication Technologies | Computation Theory & Mathematics | 10330 | 398 | 3.9% |
| Communication & Textual Studies | Languages & Linguistics | 8025 | 301 | 3.8% |
| Physics & Astronomy | Chemical Physics | 36046 | 1347 | 3.7% |
| Information & Communication Technologies | Networking & Telecommunications | 79790 | 2943 | 3.7% |
| Mathematics & Statistics | Numerical & Computational Mathematics | 7748 | 283 | 3.7% |
| Built Environment & Design | Design Practice & Management | 3770 | 130 | 3.4% |
| Engineering | Geological & Geomatics Engineering | 28983 | 990 | 3.4% |
| Philosophy & Theology | Philosophy | 5071 | 162 | 3.2% |
| Engineering | Environmental Engineering | 22962 | 721 | 3.1% |
| Chemistry | Organic Chemistry | 56522 | 1724 | 3.1% |
| Agriculture, Fisheries & Forestry | Food Science | 32581 | 966 | 3.0% |
| Visual & Performing Arts | Music | 877 | 25 | 2.9% |
| Engineering | Industrial Engineering & Automation | 45450 | 1249 | 2.7% |
| Chemistry | General Chemistry | 15466 | 419 | 2.7% |
| Enabling & Strategic Technologies | Nanoscience & Nanotechnology | 60423 | 1559 | 2.6% |
| Biomedical Research | Microscopy | 1061 | 26 | 2.5% |
| Historical Studies | History | 4672 | 112 | 2.4% |
| Communication & Textual Studies | Literary Studies | 5129 | 114 | 2.2% |
| Visual & Performing Arts | Art Practice, History & Theory | 630 | 14 | 2.2% |
| Agriculture, Fisheries & Forestry | Fisheries | 17676 | 371 | 2.1% |
| Agriculture, Fisheries & Forestry | Dairy & Animal Science | 28047 | 582 | 2.1% |
| Physics & Astronomy | Acoustics | 12355 | 256 | 2.1% |
| Engineering | Chemical Engineering | 27625 | 561 | 2.0% |
| Biology | Plant Biology & Botany | 72793 | 1445 | 2.0% |
| Enabling & Strategic Technologies | Energy | 99364 | 1939 | 2.0% |
| Information & Communication Technologies | Computer Hardware & Architecture | 6762 | 131 | 1.9% |
| Biology | Marine Biology & Hydrobiology | 22647 | 431 | 1.9% |
| Chemistry | Inorganic & Nuclear Chemistry | 24930 | 452 | 1.8% |
| Biology | Ornithology | 3069 | 52 | 1.7% |
| Chemistry | Polymers | 36114 | 610 | 1.7% |
| Physics & Astronomy | Nuclear & Particle Physics | 64338 | 1060 | 1.6% |
| Physics & Astronomy | General Physics | 28868 | 425 | 1.5% |
| Agriculture, Fisheries & Forestry | Forestry | 13055 | 190 | 1.5% |
| Biology | Zoology | 8839 | 126 | 1.4% |
| Engineering | Mechanical Engineering & Transports | 49806 | 703 | 1.4% |
| Mathematics & Statistics | General Mathematics | 33053 | 445 | 1.3% |
| Biology | Entomology | 13927 | 179 | 1.3% |
| Agriculture, Fisheries & Forestry | Agronomy & Agriculture | 33649 | 429 | 1.3% |
| Engineering | Electrical & Electronic Engineering | 40279 | 510 | 1.3% |
| Enabling & Strategic Technologies | Optoelectronics & Photonics | 33331 | 412 | 1.2% |
| Historical Studies | Archaeology | 7423 | 90 | 1.2% |
| Physics & Astronomy | Optics | 31997 | 385 | 1.2% |
| Earth & Environmental Sciences | Oceanography | 7323 | 88 | 1.2% |
| Enabling & Strategic Technologies | Materials | 113262 | 1110 | 1.0% |
| Engineering | Aerospace & Aeronautics | 17493 | 163 | 0.9% |
| Engineering | Mining & Metallurgy | 10209 | 95 | 0.9% |
| Physics & Astronomy | Astronomy & Astrophysics | 27036 | 251 | 0.9% |
| Physics & Astronomy | Applied Physics | 96801 | 893 | 0.9% |
| Earth & Environmental Sciences | Geochemistry & Geophysics | 41248 | 367 | 0.9% |
| Engineering | Civil Engineering | 23294 | 203 | 0.9% |
| Chemistry | Physical Chemistry | 15280 | 126 | 0.8% |
| Agriculture, Fisheries & Forestry | Horticulture | 2327 | 19 | 0.8% |
| Historical Studies | Classics | 989 | 8 | 0.8% |
| Earth & Environmental Sciences | Paleontology | 11219 | 63 | 0.6% |
| Earth & Environmental Sciences | Geology | 6440 | 23 | 0.4% |
| Engineering | Automobile Design & Engineering | 543 | 1 | 0.2% |

Supplementary Table 2. Number of influential authors and number of them who had at least 1 COVID-19-related publication. The construct is similar to Supplementary Table 1, but is limited to those authors who are the top 2% of their subfield for their career-long work based on a composite citation indicator.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SUBFIELD | FIELD | Number of authors | Authors with COVID-19 paper(s) | % |
| Clinical Medicine | Emergency & Critical Care Medicine | 523 | 337 | 64.4% |
| Philosophy & Theology | Applied Ethics | 83 | 50 | 60.2% |
| Clinical Medicine | Allergy | 256 | 151 | 59.0% |
| Biomedical Research | Virology | 992 | 549 | 55.3% |
| Clinical Medicine | Geriatrics | 169 | 87 | 51.5% |
| Information & Communication Technologies | Medical Informatics | 214 | 108 | 50.5% |
| Clinical Medicine | Respiratory System | 933 | 469 | 50.3% |
| Clinical Medicine | General & Internal Medicine | 2554 | 1277 | 50.0% |
| Clinical Medicine | General Clinical Medicine | 214 | 103 | 48.1% |
| Economics & Business | Sport, Leisure & Tourism | 118 | 55 | 46.6% |
| Public Health & Health Services | Public Health | 924 | 416 | 45.0% |
| Public Health & Health Services | Health Policy & Services | 313 | 138 | 44.1% |
| Clinical Medicine | Arthritis & Rheumatology | 522 | 230 | 44.1% |
| Clinical Medicine | Cardiovascular System & Hematology | 2974 | 1304 | 43.8% |
| Public Health & Health Services | Gerontology | 157 | 66 | 42.0% |
| Clinical Medicine | Tropical Medicine | 471 | 197 | 41.8% |
| Clinical Medicine | Gastroenterology & Hepatology | 1380 | 554 | 40.1% |
| Public Health & Health Services | Epidemiology | 150 | 60 | 40.0% |
| Clinical Medicine | Surgery | 1499 | 579 | 38.6% |
| Clinical Medicine | Immunology | 2019 | 771 | 38.2% |
| Clinical Medicine | Psychiatry | 1100 | 416 | 37.8% |
| Clinical Medicine | Dermatology & Venereal Diseases | 678 | 255 | 37.6% |
| Clinical Medicine | Anesthesiology | 660 | 248 | 37.6% |
| Enabling & Strategic Technologies | Bioinformatics | 337 | 124 | 36.8% |
| Clinical Medicine | Pediatrics | 865 | 311 | 36.0% |
| Clinical Medicine | Environmental & Occupational Health | 212 | 76 | 35.8% |
| Public Health & Health Services | Substance Abuse | 221 | 77 | 34.8% |
| Biomedical Research | Microbiology | 2430 | 827 | 34.0% |
| Economics & Business | Agricultural Economics & Policy | 99 | 33 | 33.3% |
| Psychology & Cognitive Sciences | Clinical Psychology | 249 | 83 | 33.3% |
| Economics & Business | Development Studies | 64 | 21 | 32.8% |
| Clinical Medicine | Urology & Nephrology | 1147 | 366 | 31.9% |
| Public Health & Health Services | Nursing | 1135 | 357 | 31.5% |
| Clinical Medicine | Complementary & Alternative Medicine | 156 | 47 | 30.1% |
| Psychology & Cognitive Sciences | Social Psychology | 298 | 88 | 29.5% |
| Clinical Medicine | Otorhinolaryngology | 522 | 153 | 29.3% |
| Clinical Medicine | Obstetrics & Reproductive Medicine | 1186 | 345 | 29.1% |
| Clinical Medicine | Endocrinology & Metabolism | 1254 | 364 | 29.0% |
| Public Health & Health Services | Rehabilitation | 357 | 98 | 27.5% |
| Mathematics & Statistics | Statistics & Probability | 297 | 80 | 26.9% |
| Communication & Textual Studies | Communication & Media Studies | 164 | 44 | 26.8% |
| Clinical Medicine | Oncology & Carcinogenesis | 4188 | 1118 | 26.7% |
| Clinical Medicine | Nuclear Medicine & Medical Imaging | 1453 | 372 | 25.6% |
| Social Sciences | Social Work | 105 | 26 | 24.8% |
| Clinical Medicine | Pathology | 303 | 74 | 24.4% |
| Social Sciences | Political Science & Public Administration | 286 | 69 | 24.1% |
| Clinical Medicine | Sport Sciences | 424 | 101 | 23.8% |
| Social Sciences | Geography | 257 | 60 | 23.3% |
| Social Sciences | Science Studies | 60 | 14 | 23.3% |
| Clinical Medicine | Pharmacology & Pharmacy | 1570 | 363 | 23.1% |
| Economics & Business | Economics | 623 | 144 | 23.1% |
| Clinical Medicine | Ophthalmology & Optometry | 928 | 211 | 22.7% |
| Social Sciences | Family Studies | 44 | 10 | 22.7% |
| Chemistry | Medicinal & Biomolecular Chemistry | 1255 | 283 | 22.5% |
| Social Sciences | Information & Library Sciences | 142 | 32 | 22.5% |
| Biomedical Research | Nutrition & Dietetics | 616 | 138 | 22.4% |
| Clinical Medicine | Legal & Forensic Medicine | 180 | 40 | 22.2% |
| Information & Communication Technologies | Information Systems | 296 | 64 | 21.6% |
| Social Sciences | Sociology | 136 | 29 | 21.3% |
| Clinical Medicine | Neurology & Neurosurgery | 4332 | 923 | 21.3% |
| Psychology & Cognitive Sciences | Human Factors | 226 | 48 | 21.2% |
| Economics & Business | Industrial Relations | 33 | 7 | 21.2% |
| Economics & Business | Business & Management | 714 | 150 | 21.0% |
| Psychology & Cognitive Sciences | Developmental & Child Psychology | 312 | 64 | 20.5% |
| Clinical Medicine | Dentistry | 857 | 172 | 20.1% |
| Economics & Business | Logistics & Transportation | 384 | 77 | 20.1% |
| Social Sciences | Demography | 40 | 8 | 20.0% |
| Enabling & Strategic Technologies | Strategic, Defence & Security Studies | 264 | 52 | 19.7% |
| Built Environment & Design | Urban & Regional Planning | 155 | 30 | 19.4% |
| Biomedical Research | Genetics & Heredity | 539 | 102 | 18.9% |
| Biomedical Research | Toxicology | 719 | 134 | 18.6% |
| Historical Studies | History of Science, Technology & Medicine | 27 | 5 | 18.5% |
| Biomedical Research | Developmental Biology | 2051 | 379 | 18.5% |
| Clinical Medicine | Orthopedics | 894 | 165 | 18.5% |
| Economics & Business | Marketing | 198 | 36 | 18.2% |
| Social Sciences | Cultural Studies | 68 | 12 | 17.6% |
| Psychology & Cognitive Sciences | General Psychology & Cognitive Sciences | 47 | 8 | 17.0% |
| Biomedical Research | Biophysics | 263 | 44 | 16.7% |
| Psychology & Cognitive Sciences | Psychoanalysis | 30 | 5 | 16.7% |
| Social Sciences | Law | 128 | 21 | 16.4% |
| Agriculture, Fisheries & Forestry | Veterinary Sciences | 702 | 115 | 16.4% |
| Economics & Business | Economic Theory | 19 | 3 | 15.8% |
| Biomedical Research | Biochemistry & Molecular Biology | 2381 | 372 | 15.6% |
| Earth & Environmental Sciences | Environmental Sciences | 1267 | 194 | 15.3% |
| Engineering | Operations Research | 400 | 61 | 15.3% |
| Social Sciences | Criminology | 172 | 26 | 15.1% |
| Economics & Business | Accounting | 80 | 12 | 15.0% |
| Biomedical Research | Physiology | 315 | 47 | 14.9% |
| Information & Communication Technologies | Distributed Computing | 149 | 22 | 14.8% |
| Physics & Astronomy | Fluids & Plasmas | 778 | 113 | 14.5% |
| Earth & Environmental Sciences | Meteorology & Atmospheric Sciences | 1048 | 150 | 14.3% |
| Information & Communication Technologies | Artificial Intelligence & Image Processing | 4233 | 599 | 14.2% |
| Biomedical Research | Mycology & Parasitology | 327 | 46 | 14.1% |
| Chemistry | Analytical Chemistry | 1500 | 198 | 13.2% |
| Biology | Evolutionary Biology | 444 | 57 | 12.8% |
| Economics & Business | Finance | 175 | 22 | 12.6% |
| Mathematics & Statistics | Applied Mathematics | 275 | 34 | 12.4% |
| Social Sciences | Education | 1007 | 121 | 12.0% |
| Biomedical Research | Anatomy & Morphology | 75 | 9 | 12.0% |
| Engineering | Biomedical Engineering | 972 | 116 | 11.9% |
| Enabling & Strategic Technologies | Biotechnology | 784 | 89 | 11.4% |
| Psychology & Cognitive Sciences | Experimental Psychology | 439 | 49 | 11.2% |
| Economics & Business | Econometrics | 18 | 2 | 11.1% |
| Historical Studies | Anthropology | 117 | 13 | 11.1% |
| Social Sciences | International Relations | 102 | 11 | 10.8% |
| Built Environment & Design | Building & Construction | 484 | 52 | 10.7% |
| Social Sciences | Gender Studies | 28 | 3 | 10.7% |
| Biology | Ecology | 922 | 96 | 10.4% |
| Information & Communication Technologies | Software Engineering | 338 | 35 | 10.4% |
| Enabling & Strategic Technologies | Nanoscience & Nanotechnology | 1720 | 170 | 9.9% |
| Information & Communication Technologies | Networking & Telecommunications | 2748 | 269 | 9.8% |
| Philosophy & Theology | Religions & Theology | 98 | 9 | 9.2% |
| Visual & Performing Arts | Drama & Theater | 11 | 1 | 9.1% |
| Public Health & Health Services | Speech-Language Pathology & Audiology | 150 | 13 | 8.7% |
| Engineering | Industrial Engineering & Automation | 1562 | 134 | 8.6% |
| Philosophy & Theology | Philosophy | 133 | 11 | 8.3% |
| Communication & Textual Studies | Languages & Linguistics | 220 | 18 | 8.2% |
| Agriculture, Fisheries & Forestry | Food Science | 846 | 63 | 7.4% |
| Physics & Astronomy | Chemical Physics | 1286 | 94 | 7.3% |
| Agriculture, Fisheries & Forestry | Fisheries | 443 | 32 | 7.2% |
| Historical Studies | Archaeology | 198 | 14 | 7.1% |
| Historical Studies | History | 101 | 7 | 6.9% |
| Engineering | Environmental Engineering | 751 | 52 | 6.9% |
| Engineering | Geological & Geomatics Engineering | 815 | 56 | 6.9% |
| Chemistry | Organic Chemistry | 2037 | 133 | 6.5% |
| Built Environment & Design | Architecture | 16 | 1 | 6.3% |
| Physics & Astronomy | Mathematical Physics | 83 | 5 | 6.0% |
| Information & Communication Technologies | Computer Hardware & Architecture | 288 | 17 | 5.9% |
| Mathematics & Statistics | Numerical & Computational Mathematics | 223 | 13 | 5.8% |
| Communication & Textual Studies | Literary Studies | 160 | 9 | 5.6% |
| Enabling & Strategic Technologies | Energy | 3438 | 193 | 5.6% |
| Engineering | Chemical Engineering | 941 | 51 | 5.4% |
| Built Environment & Design | Design Practice & Management | 139 | 7 | 5.0% |
| Biology | Entomology | 417 | 21 | 5.0% |
| Biology | Marine Biology & Hydrobiology | 621 | 30 | 4.8% |
| Chemistry | Polymers | 1371 | 63 | 4.6% |
| Biology | Ornithology | 90 | 4 | 4.4% |
| Biology | Plant Biology & Botany | 1951 | 80 | 4.1% |
| Agriculture, Fisheries & Forestry | Agronomy & Agriculture | 835 | 34 | 4.1% |
| Agriculture, Fisheries & Forestry | Dairy & Animal Science | 699 | 28 | 4.0% |
| Engineering | Mechanical Engineering & Transports | 1512 | 59 | 3.9% |
| Physics & Astronomy | Optics | 1080 | 38 | 3.5% |
| Engineering | Electrical & Electronic Engineering | 1554 | 53 | 3.4% |
| Physics & Astronomy | Acoustics | 417 | 14 | 3.4% |
| Chemistry | General Chemistry | 479 | 16 | 3.3% |
| Information & Communication Technologies | Computation Theory & Mathematics | 275 | 9 | 3.3% |
| Chemistry | Inorganic & Nuclear Chemistry | 940 | 30 | 3.2% |
| Mathematics & Statistics | General Mathematics | 862 | 27 | 3.1% |
| Social Sciences | Social Sciences Methods | 32 | 1 | 3.1% |
| Physics & Astronomy | General Physics | 1020 | 31 | 3.0% |
| Visual & Performing Arts | Music | 33 | 1 | 3.0% |
| Engineering | Civil Engineering | 708 | 19 | 2.7% |
| Physics & Astronomy | Astronomy & Astrophysics | 822 | 22 | 2.7% |
| Agriculture, Fisheries & Forestry | Forestry | 403 | 10 | 2.5% |
| Enabling & Strategic Technologies | Optoelectronics & Photonics | 1289 | 31 | 2.4% |
| Physics & Astronomy | Applied Physics | 3718 | 85 | 2.3% |
| Biomedical Research | Microscopy | 45 | 1 | 2.2% |
| Enabling & Strategic Technologies | Materials | 3855 | 77 | 2.0% |
| Biology | Zoology | 207 | 4 | 1.9% |
| Chemistry | Physical Chemistry | 505 | 9 | 1.8% |
| Psychology & Cognitive Sciences | Behavioral Science & Comparative Psychology | 169 | 3 | 1.8% |
| Physics & Astronomy | Nuclear & Particle Physics | 2112 | 35 | 1.7% |
| Engineering | Mining & Metallurgy | 370 | 6 | 1.6% |
| Earth & Environmental Sciences | Paleontology | 317 | 5 | 1.6% |
| Earth & Environmental Sciences | Geochemistry & Geophysics | 1206 | 19 | 1.6% |
| Engineering | Aerospace & Aeronautics | 650 | 10 | 1.5% |
| Earth & Environmental Sciences | Oceanography | 201 | 3 | 1.5% |
| Earth & Environmental Sciences | Geology | 203 | 1 | 0.5% |
| Visual & Performing Arts | Art Practice, History & Theory | 12 | 0 | 0.0% |
| Engineering | Automobile Design & Engineering | 27 | 0 | 0.0% |
| Historical Studies | Classics | 27 | 0 | 0.0% |
| Visual & Performing Arts | Folklore | 3 | 0 | 0.0% |
| Historical Studies | History of Social Sciences | 25 | 0 | 0.0% |
| Agriculture, Fisheries & Forestry | Horticulture | 64 | 0 | 0.0% |

Supplementary Table 3. Scientists with highest composite citation indicator based on their COVID-19 publications indexed in Scopus as of August 1, 2021 (in order of ranking per the composite indicator).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| AUTHOR | INSTITUTION | COUNTRY | MOST COMMON SUBFIELD | SECOND MOST COMMON SUBFIELD |
| Lu, Hongzhou | Fudan University | China | Microbiology | Oncology & Carcinogenesis |
| Henry, Brandon Michael | Cincinnati Children's Hospital Medical Center | United States | Surgery | Cardiovascular System & Hematology |
| Thachil, Jecko | The University of Manchester | United Kingdom | Cardiovascular System & Hematology | Immunology |
| Lippi, Giuseppe | Università degli Studi di Verona | Italy | General Clinical Medicine | Cardiovascular System & Hematology |
| Krammer, Florian | Icahn School of Medicine at Mount Sinai | United States | Virology | Immunology |
| Tang, Ning | Tongji Medical College | China | Cardiovascular System & Hematology | General Clinical Medicine |
| Elfiky, Abdo A. | Cairo University | Egypt | Virology | Biophysics |
| Lipsitch, Marc | Harvard T.H. Chan School of Public Health | United States | Microbiology | Epidemiology |
| Perlman, Stanley | University of Iowa | United States | Virology | Immunology |
| Ludvigsson, Jonas F. | Karolinska Institutet | Sweden | Gastroenterology & Hepatology | General & Internal Medicine |
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