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 TRACKING TRENDS & PERFORMANCE IN BASIC RESEARCH

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COUNTRY PROFILES - 2008

October 2008


Australia

A featured country selection



According to *Essential Science Indicators*SM among the 148 top-performing countries in all fields, Australia ranked #11 for citations (2,662,008), #9 for papers (261,001), and #25 (10.20) for citations per paper. This feature includes rankings in all fields for Australia.

Ranked by Citations

| Rank | Field | Papers | Citations | Citations Per Paper |
|------|------------------------------|--------|-----------|---------------------|
| 1 | CLINICAL MEDICINE | 57,962 | 739,354 | 12.76 |
| 2 | BIOLOGY & BIOCHEMISTRY | 14,807 | 237,019 | 16.01 |
| 3 | PLANT & ANIMAL SCIENCE | 25,373 | 198,602 | 7.83 |
| 4 | CHEMISTRY | 17,567 | 179,194 | 10.2 |
| 5 | MOLECULAR BIOLOGY & GENETICS | 6,787 | 155,864 | 22.97 |
| 6 | GEOSCIENCES | 12,541 | 134,577 | 10.73 |
| 7 | PHYSICS | 14,865 | 125,295 | 8.43 |
| 8 | ENVIRONMENT/ECOLOGY | 11,340 | 121,322 | 10.7 |
| 9 | NEUROSCIENCE & BEHAVIOR | 7,270 | 110,523 | 15.2 |

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What's New in Research

Sci-Bytes (updated weekly)

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| | | | | |
|----|---------------------------|--------|--------|-------|
| 10 | IMMUNOLOGY | 4,623 | 95,032 | 20.56 |
| 11 | PSYCHIATRY/PSYCHOLOGY | 10,158 | 84,946 | 8.36 |
| 12 | SPACE SCIENCE | 4,781 | 84,568 | 17.69 |
| 13 | MICROBIOLOGY | 4,648 | 71,861 | 15.46 |
| 14 | ENGINEERING | 16,432 | 71,755 | 4.37 |
| 15 | SOCIAL SCIENCES, GENERAL | 15,422 | 59,067 | 3.83 |
| 16 | AGRICULTURAL SCIENCES | 7,208 | 47,428 | 6.58 |
| 17 | PHARMACOLOGY & TOXICOLOGY | 3,672 | 41,597 | 11.33 |
| 18 | MATERIALS SCIENCE | 7,260 | 40,958 | 5.64 |
| 19 | MATHEMATICS | 5,805 | 21,481 | 3.7 |
| 20 | COMPUTER SCIENCE | 6,589 | 20,382 | 3.09 |
| 21 | ECONOMICS & BUSINESS | 5,549 | 19,323 | 3.48 |
| 22 | MULTIDISCIPLINARY | 342 | 1,860 | 5.44 |

SOURCE: *Essential Science Indicators* from the September 1, 2008 update covering a 10-year + 6-month period, 1998-June 30, 2008.


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