

Table S9. Twenty-three disciplines in the biosciences subcategory of the natural sciences and the numbers of total and OA documents in 2000–2021 and 2021

Disciplines	OA/ Total 2000-21	OA % 2000-21	OA / Total 2021	OA% 2021
Microbiology	299,712 / 452,398	66.2%	29,965 / 39,754	75.4%
Virology	86,207 / 137,525	62.7%	7,457 / 9,747	76.5%
Developmental Biology	54,727 / 93,283	58.7%	5,497 / 7,229	76.0%
Cell Biology	343,653 / 589,209	58.3%	28,845 / 41,651	69.3%
Evolutionary Biology	65,292 / 121,120	53.9%	5,342 / 7,990	66.9%
Genetics Heredity	229,281 / 431,050	53.2%	20,154 / 29,492	68.3%
Biology	127,841 / 245,362	52.1%	15,859 / 23,600	67.2%
Immunology	261,411 / 524,218	49.9%	26,792 / 39,980	67.0%
Biochemistry Molecular Biology	594,744 / 1,242,120	47.9%	57,336 / 92,157	62.2%
Reproductive Biology	42,623 / 100,319	42.5%	2,109 / 5,728	36.8%
Biotechnology Applied Microbiology	229,180 / 546,349	41.9%	20,702 / 38,306	54.0%
Ecology	148,733 / 379,298	39.2%	15,972 / 28,236	56.6%
Biodiversity Conservation	40,475 / 105,671	38.3%	7,060 / 10,180	69.4%
Plant Sciences	177,266 / 481,791	36.8%	20,576 / 41,111	50.0%
Biochemical Research Methods	111,969 / 312,074	35.9%	7,860 / 17,151	45.8%
Mycology	14,235 / 40,876	34.8%	1,802 / 2,930	61.5%
Biophysics	95,320 / 284,663	33.5%	4,833 / 13,947	34.7%
Toxicology	66,067 / 224,949	29.4%	6,937 / 15,868	43.7%
Zoology	73,756 / 257,392	28.7%	8,935 / 19,049	46.9%
Entomology	37,347 / 136,744	27.3%	4,119 / 10,264	40.1%
Development Studies	11,531 / 42,834	26.9%	1,776 / 4,803	37.0%
Ornithology	5,950 / 25,914	23.0%	466 / 1,355	34.4%
Microscopy	5,464 / 30,396	18.0%	469 / 1,512	31.0%
sum	2,362,519 / 5,184,878	45.6%	234,480 / 376,198	62.3%