

		2021 - Year 1 data				2022 - Year 2 data				2023 - Year 3 targets	Information on usage comparing subscription and OA content Caution notice: please note the limitations in these metrics, including:- 1) There is no randomly selected control group, leading potentially to other hidden biases also affecting the results (for example, well funded researchers may be more likely to publish gold OA articles, and their research may have a different impact to less well funded researchers). 2) Citation patterns typically take several years to emerge. In some cases the articles in this report have been very recently published, and therefore are unlikely to have been cited. 3) Some journals have samples which are too small to use for robust quantitative analysis.				
Name of Journal	ISSN	Total number of articles published in 2021 [As reported previously]	Total number of articles published Open Access in 2021 [As reported previously]	2021 OA penetration rate (Actual)	2022 OA penetration rate target	Total number of articles published in 2022	Total number of articles published Open Access in 2022	Year 2 OA penetration rate (Actual)	TJ target met Yes / No	2023 OA Target (% of articles published OA)	Average number of citations for subscription articles published in 2022	Average number of downloads for subscription articles published in 2022	Average number of citations for OA articles published in 2022	Average number of downloads for OA articles published in 2022	
Addictive Behaviors	0306-4603	259	15	6%	12%	209	16	8%	No	TJ status removed		1	437	2	1409
Analytica Chimica Acta	0003-2670	777	41	5%	11%	940	43	5%	No	TJ status removed		3	476	4	1120
Acta Tropica	0001-706X	304	13	4%	12%	295	16	5%	No	TJ status removed		1	223	1	684
Agriculture, Ecosystems and Environment	0167-8809	398	37	9%	16%	327	51	16%	No	TJ status removed		2	497	2	1233
Archives of Gerontology and Geriatrics	0167-4943	194	19	10%	15%	174	38	22%	Yes	27%	1	311	1	832	
Agricultural Systems	0308-521X	208	56	27%	32%	122	33	27%	No	TJ status removed		2	561	2	1759
American Journal of Ophthalmology	0002-9394	351	14	4%	12%	256	31	12%	Yes	17%	2	401	2	1603	
The American Journal of Geriatric Psychiatry	1064-7481	91	4	4%	12%	74	8	11%	No	TJ status removed		2	265	2	1273
Journal of Anxiety Disorders	0887-6185	93	11	12%	17%	66	9	14%	No	TJ status removed		2	536	2	1559
Appetite	0195-6663	445	60	13%	18%	358	70	20%	Yes	25%	2	514	2	1632	
Applied Soil Ecology	0929-1393	383	15	4%	12%	283	20	7%	No	TJ status removed		2	426	1	793
Antiviral Research	0166-3542	104	13	13%	18%	98	22	22%	Yes	27%	2	564	9	1437	
BBA - Molecular Basis of Disease	0925-4439	161	14	9%	14%	160	21	13%	No	TJ status removed		2	376	1	828
BBA - General Subjects	0304-4165	119	8	7%	12%	106	3	3%	No	TJ status removed		1	244	0	626
BBA - Gene Regulatory Mechanisms	1874-9399	44	10	23%	28%	50	8	16%	No	TJ status removed		1	306	1	821
BBA - Molecular and Cell Biology of Lipids	1388-1981	99	14	14%	19%	64	7	11%	No	TJ status removed		1	337	2	1097
BBA - Molecular Cell Research	0167-4889	110	5	5%	15%	81	8	10%	No	TJ status removed		1	325	1	847
BBA - Biomembranes	0005-2736	148	11	7%	15%	132	16	12%	No	TJ status removed		1	242	3	1102
Behavioural Brain Research	0166-4328	450	21	5%	13%	316	22	7%	No	TJ status removed		1	242	0	813
Biochemical Pharmacology	0006-2952	265	14	5%	13%	210	14	7%	No	TJ status removed		2	456	3	1265
Bioelectrochemistry	1567-5394	197	14	7%	14%	210	9	4%	No	TJ status removed		2	367	2	697
International Journal of Biological Macromolecules	0141-8130	2304	37	2%	10%	2647	55	2%	No	TJ status removed		4	457	3	842
Biosensors and Bioelectronics	0956-5663	730	26	4%	11%	808	31	4%	No	TJ status removed		5	1003	4	1379
Bioresource Technology	0960-8524	1354	46	3%	11%	1412	55	4%	No	TJ status removed		5	666	4	1268
Journal of Biomechanics	0021-9290	456	38	8%	13%	271	39	14%	Yes	19%	1	319	1	809	
Bioorganic & Medicinal Chemistry	0968-0896	384	12	3%	13%	274	16	6%	No	TJ status removed		1	427	1	825
Bioorganic & Medicinal Chemistry Letters	0960-894X	510	13	3%	11%	349	13	4%	No	TJ status removed		1	393	2	1318
Bone	8756-3282	285	36	13%	18%	182	23	13%	No	TJ status removed		2	290	2	889
Biological Psychiatry	0006-3223	131	24	18%	23%	119	27	23%	No	TJ status removed		4	929	5	3450
Biological Psychiatry: Cognitive Neuroscience and Neuroimaging	2451-9022	90	12	13%	18%	87	16	18%	Yes	23%	3	392	4	1585	
Brain Research Bulletin	0361-9230	231	3	1%	11%					n/a - Journal now only offers gold open access					
Brain Research	0006-8993	311	18	6%	12%	237	20	8%	No	TJ status removed		1	217	1	651
Cancer Epidemiology	1877-7821	115	12	10%	15%	143	21	15%	No	TJ status removed		1	198	1	675
Computers in Biology and Medicine	0010-4825	776	57	7%	12%	986	75	8%	No	TJ status removed		4	534	3	1116
Cell Chemical Biology	2451-9456	97	11	11%	18%	104	12	12%	No	TJ status removed		3	1473	5	5327
Cancer Cell	1535-6108	70	3	4%	19%	60	12	20%	Yes	25%	7	4329	18	21599	
Cell	0092-8674	334	61	18%	23%	222	68	31%	Yes	36%	16	10757	34	38186	
Cell Systems	2405-4712	46	9	20%	33%	42	10	24%	No	TJ status removed		2	1259	4	8224
Chemosphere	0045-6535	3481	96	3%	11%	3797	138	4%	No	TJ status removed		5	512	4	1096
Cell Host & Microbe	1931-3128	91	10	11%	20%	64	19	30%	Yes	35%	5	2438	13	7845	
Journal of Chromatography B	1570-0232	354	20	6%	12%	259	26	10%	No	TJ status removed		1	263	1	723
Clinical Neurology and Neurosurgery	0303-8467	434	12	3%	10%	247	5	2%	No	TJ status removed		1	184	1	823
Clinical Lymphoma, Myeloma and Leukemia	2152-2650	158	10	6%	11%	141	17	12%	Yes	17%	1	260	1	1201	
Cellular Signalling	0898-6568	190	7	4%	13%	175	8	5%	No	TJ status removed		2	273	2	1084
Cell Metabolism	1550-4131	102	7	7%	17%	73	9	12%	No	TJ status removed		8	5049	13	21421
Clinical Microbiology and Infection	1198-743X	183	27	15%	20%	127	34	27%	Yes	32%	9	1800	4	2375	
Cognition	0010-0277	306	35	11%	18%	231	60	26%	Yes	31%	1	552	1	1368	
Journal of Controlled Release	0168-3659	447	21	5%	15%	410	37	9%	No	TJ status removed		4	909	4	1935
Cortex	0010-9452	224	39	17%	22%	138	39	28%	Yes	33%	2	455	1	1141	
Current Biology	0960-9822	292	62	21%	26%	253	78	31%	Yes	36%	3	1823	3	6617	
Children and Youth Services Review	0190-7409	419	24	6%	13%	291	30	10%	No	TJ status removed		1	481	1	1513
Drug and Alcohol Dependence	0376-8716	505	25	5%	12%	321	33	10%	No	TJ status removed		2	439	1	1700
Developmental Cell	1534-5807	178	18	10%	22%	143	36	25%	Yes	30%	3	2170	6	6386	
Journal of Development Economics	0304-3878	128	17	13%	18%	123	20	16%	No	TJ status removed		1	968	1	1921
Diabetes Research and Clinical Practice	0168-8227	322	23	7%	12%	249	34	14%	Yes	19%	6	667	1	1262	
Diagnostic Microbiology & Infectious Disease	0732-8893	167	7	4%	12%	103	10	10%	No	TJ status removed		1	370	1	744
DNA Repair	1568-7864	92	12	13%	18%	60	10	17%	No	TJ status removed		1	351	1	1084
International Journal of Drug Policy	0955-3959	311	23	7%	13%	178	35	20%	Yes	25%	1	431	1	1103	
Electrochimica Acta	0013-4686	1650	71	4%	11%	1470	68	5%	No	TJ status removed		3	407	2	928
Energy Conversion and Management	0196-8904	1145	61	5%	11%	1160	110	9%	No	TJ status removed		5	597	4	1389
International Journal of Educational Development	0738-0593	144	18	13%	18%	70	14	20%	Yes	25%	1	439	1	1814	
European Journal of Medicinal Chemistry	0223-5234	648	18	3%	11%	630	22	3%	No	TJ status removed		3	706	2	1236
European Journal of Medical Genetics	1769-7212	180	13	7%	13%	151	17	11%	No	TJ status removed		1	177	1	674
Evaluation and Program Planning	0149-7189	84	7	8%	13%	111	15	14%	Yes	19%	1	420	1	955	
European Journal of Radiology	0720-048X	438	34	8%	13%	359	52	14%	Yes	19%	1	299	1	920	
Experimental Gerontology	0531-5565	257	18	7%	12%					n/a - Journal now only offers gold open access					
Field Crops Research	0378-4290	249	31	12%	17%	244	20	8%	No	TJ status removed		2	487	2	1379
Gait & Posture	0966-6362	362	28	8%	13%	251	36	14%	Yes	19%	1	296	1	881	

Gene	0378-1119	499	8	2%	10%	602	32	5%	No	TJ status removed	1	276	1	685
Geoderma	0016-7061	549	62	11%	16%					n/a - Journal now only offers gold open access				
Global Food Security	2211-9124	85	35	41%	47%	39	19	49%	Yes	56%	3	735	4	3376
Health policy	0168-8510	129	23	18%	23%	86	30	35%	Yes	40%	2	769	1	1620
International Journal of Cardiology	0167-5273	575	53	9%	14%	417	68	16%	Yes	21%	1	232	1	1189
International Journal of Hygiene and Environmental Health	1438-4639	141	19	13%	18%	92	26	28%	Yes	33%	2	295	2	956
International Journal of Law and Psychiatry	0160-2527	42	9	21%	26%	38	12	32%	Yes	37%	1	283	0	854
International Journal of Pharmacitics	0378-5173	929	55	6%	12%	816	96	12%	Yes	17%	2	423	2	1094
Immunity	1074-7613	154	19	12%	22%	104	23	22%	Yes	27%	7	4265	14	11358
Journal of Affective Disorders	0165-0327	1129	104	9%	14%	962	115	12%	No	TJ status removed	2	540	2	1393
Journal of Adolescent Health	1054-139X	267	30	11%	16%	162	24	15%	No	TJ status removed	2	736	2	1808
Biomaterials	0142-9612	548	24	4%	14%	446	32	7%	No	TJ status removed	5	1414	4	2326
Journal of Clinical Epidemiology	0895-4356	187	53	28%	33%	142	58	41%	Yes	47%	2	608	2	1272
Journal of Cleaner Production	0895-6526	4127	266	6%	12%	4282	384	9%	No	TJ status removed	5	582	4	1614
Crop Protection	0261-2194	247	12	5%	13%	158	7	4%	No	TJ status removed	1	258	1	1086
Journal of Clinical Virology	1386-6532	130	27	21%	26%	72	14	19%	No	TJ status removed	2	617	2	1098
Food Control	0956-7135	819	48	6%	13%	572	59	10%	No	TJ status removed	3	509	2	1480
Food Policy	0306-9192	157	41	26%	31%	99	25	25%	No	TJ status removed	2	695	2	2092
Health and Place	1353-8292	164	33	20%	25%	137	41	30%	Yes	35%	2	586	2	2344
Journal of Immunological Methods	0022-1759	199	15	11%	21%	84	11	13%	No	TJ status removed	1	276	1	721
Medical Engineering and Physics	1350-4533	106	14	13%	18%	156	21	13%	No	TJ status removed	1	230	1	577
Land Use Policy	0264-8377	711	78	11%	16%	430	71	17%	Yes	22%	3	588	2	1365
Journal of the Mechanical Behavior of Biomedical Materials	1751-6161	570	42	7%	14%	399	58	15%	Yes	20%	1	265	1	661
Journal of Neuroimmunology	0165-5728	122	5	4%	11%	81	9	11%	No	TJ status removed	1	291	1	713
Journal of Proteomics	1874-3919	226	10	4%	13%	156	17	11%	No	TJ status removed	1	346	1	782
Journal of Pain and Symptom Management	0885-3924	194	10	5%	11%	165	11	7%	No	TJ status removed	1	343	1	1174
Journal of Transport & Health	2214-1405	180	19	11%	16%	104	26	25%	Yes	30%	2	484	2	1094
Vaccine	0264-410X	670	128	19%	26%	639	166	26%	Yes	31%	2	1040	2	3260
Mechanisms of Ageing and Development	0047-6374	53	9	17%	22%	49	8	16%	No	TJ status removed	3	473	1	920
Matrix Biology	0945-053X	46	1	2%	23%	60	19	32%	Yes	37%	2	532	1	1454
Molecular and Cellular Endocrinology	0303-7207	230	15	7%	12%	121	14	12%	No	TJ status removed	1	260	4	1409
Medical Image Analysis	1361-8415	305	42	14%	19%	251	57	23%	Yes	28%	3	923	5	2433
Infection, Genetics and Evolution	1567-1348	338	27	8%	13%					n/a - Journal now only offers gold open access				
Molecular Immunology	0161-5890	267	10	4%	14%	144	10	7%	No	TJ status removed	1	220	1	734
Mitochondrion	1567-7249	105	7	7%	15%	37	3	8%	No	TJ status removed	2	402	2	686
Molecular & Biochemical Parasitology	0166-6851	35	5	14%	19%	33	5	15%	No	TJ status removed	0	182	1	1005
Molecular Cell	1097-2765	294	44	15%	23%	218	48	22%	No	TJ status removed	6	3256	6	6931
Magnetic Resonance Imaging	0730-725X	170	14	8%	13%	150	16	11%	No	TJ status removed	1	194	1	909
Neurobiology of Aging	0197-4580	251	32	13%	18%	136	29	21%	Yes	26%	1	330	1	1082
European Neuropsychopharmacology	0924-977X	104	18	17%	22%	54	22	41%	Yes	47%	2	527	2	1219
Neuron	0896-6273	192	30	16%	21%	147	32	22%	Yes	27%	5	3090	6	12933
Neuropharmacology	0028-3908	228	8	4%	14%	163	15	9%	No	TJ status removed	2	432	3	1114
Neuroscience Letters	0304-3940	545	13	2%	12%	365	15	4%	No	TJ status removed	1	204	1	641
Journal of Neuroscience Methods	0165-0270	236	30	13%	18%	130	22	17%	No	TJ status removed	1	338	1	752
Neuropsychologia	0028-3932	258	29	11%	17%	198	36	18%	Yes	23%	1	303	1	1558
Personality and Individual Differences	0191-8869	675	37	5%	13%	360	47	13%	Yes	18%	1	579	1	3929
Peptides	0196-9781	110	8	7%	14%	69	5	7%	No	TJ status removed	1	226	2	1365
European Journal of Pharmaceutical Sciences	0928-0987	308	39	13%	18%					n/a - Journal now only offers gold open access				
Physiology & Behavior	0031-9384	242	18	7%	13%	209	26	12%	No	TJ status removed	1	292	1	802
Journal of Psychiatric Research	0022-3956	545	55	10%	15%	478	63	13%	No	TJ status removed	1	392	1	1118
Journal of Power Sources	0378-7753	1155	46	4%	12%	1187	78	7%	No	TJ status removed	3	602	4	1740
Preventive Veterinary Medicine	0167-5877	214	28	13%	18%	139	43	31%	Yes	36%	1	265	1	864
Psychiatry Research	0165-1781	406	39	10%	15%	351	49	14%	No	TJ status removed	1	472	1	1147
Psychiatry Research: Neuroimaging	0925-4927	86	10	12%	17%	73	2	3%	No	TJ status removed	0	217	2	971
Remote Sensing of Environment	0034-4257	454	102	22%	27%	371	94	25%	No	TJ status removed	3	1034	5	2302
Journal of Steroid Biochemistry and Molecular Biology	0960-0760	141	11	8%	13%	97	10	10%	No	TJ status removed	1	212	1	847
Schizophrenia Research	0920-9964	221	28	13%	18%	250	46	18%	Yes	23%	2	574	2	1245
Studies in History and Philosophy of Science	0039-3681	157	23	15%	20%	99	19	19%	No	TJ status removed	0	218	1	1031
Sleep Medicine	1389-9457	358	25	7%	12%	252	29	12%	No	TJ status removed	2	386	1	732
Sensors and Actuators: B. Chemical	0925-4005	1784	35	2%	11%	1650	39	2%	No	TJ status removed	4	580	3	865
Journal of Stored Products Research	0022-474X	121	4	3%	13%	95	3	3%	No	TJ status removed	1	205	2	1298
Social Science & Medicine	0277-9536	705	132	19%	24%	598	182	30%	Yes	35%	2	906	2	1580
Cell Stem Cell	1534-5909	98	14	14%	21%	69	13	19%	No	TJ status removed	6	2923	8	9988
Structure	0969-2126	106	13	12%	20%	119	21	18%	No	TJ status removed	2	1034	4	4869
Science of the Total Environment	0048-9697	6975	489	7%	14%	6890	670	10%	No	TJ status removed	4	579	4	1493
Systematic and Applied Microbiology	0723-2020	67	9	13%	18%	42	5	12%	No	TJ status removed	2	332	2	1609
Teaching and Teacher Education	0742-051X	224	38	16%	21%	253	66	26%	Yes	31%	1	622	1	1830
Tetrahedron	0040-4020	458	9	2%	11%	340	12	4%	No	TJ status removed	1	393	2	858
Tetrahedron Letters	0040-4039	608	7	1%	11%	469	3	1%	No	TJ status removed	1	351	1	592
Technology in Society	0160-791X	318	30	9%	17%	287	50	17%	Yes	22%	8	1207	3	2026
Ticks and Tick-borne Diseases	1877-959X	160	7	4%	13%					n/a - Journal now only offers gold open access				
Veterinary Immunology and Immunopathology	0165-2427	85	6	7%	13%	46	4	9%	No	TJ status removed	1	203	1	563
Journal of Virological Methods	0166-0934	211	13	6%	18%	96	12	13%	No	TJ status removed	1	379	2	893
World Development	0305-750X	356	82	23%	28%	237	69	29%	Yes	34%	1	645	2	2046
World Development Perspectives	2452-2929	63	6	10%	16%	50	11	22%	Yes	27%	1	289	1	1153
Journal of Web Semantics	1570-8268	20	5	25%	30%	29	7	24%	No	TJ status removed	2	340	0	698
World Neurosurgery	1878-8750	1174	26	2%	10%	1121	52	5%	No	TJ status removed	1	152	1	675
Women's Studies International Forum	0277-5395	67	6	9%	15%	48	7	15%	No	TJ status removed	0	723	1	1656
Analytical Biochemistry	0003-2697	194	6	3%	12%	246	19	8%	No	TJ status removed	1	300	2	832
Archives of Psychiatric Nursing	0883-9417	104	6	6%	11%	94	4	4%	No	TJ status removed	1	699	1	1241
Biochemical and Biophysical Research Communications	0006-291X	10	0	0%	12%	1234	73	6%	No	TJ status removed	1	273	1	626
Blood Cells, Molecules and Diseases	1079-9796	39	0	0%	14%	25	3	12%	No	TJ status removed	1	271	0	639
Best Practice & Research Clinical Obstetrics & Gynaecology	1521-6934	84	0	0%	11%	101	8	8%	No	TJ status removed	2	584	2	1540

Consciousness and Cognition	1053-8100	101	14	14%	19%	96	24	25%	Yes		30%	1	310	1	1092
Clinical Immunology	1521-6616	97	8	8%	13%	118	11	9%	No	TJ status removed		2	392	2	796
Cognitive Psychology	0010-0285	23	2	9%	21%	24	7	29%	Yes		34%	1	450	0	1118
Developmental Biology	0012-1606	146	14	10%	16%	105	13	12%	No	TJ status removed		1	442	1	2010
Epilepsy & Behavior	1525-5050	578	32	6%	12%	255	32	13%	Yes		18%	1	228	1	907
European Journal of Vascular & Endovascular Surgery	1078-5884	138	29	21%	26%	93	28	30%	Yes		35%	1	295	3	2469
Environmental Research	0013-9351	1686	77	5%	13%	2112	148	7%	No	TJ status removed		4	500	3	1057
Experimental Cell Research	0014-4827	314	14	4%	13%	217	20	9%	No	TJ status removed		2	245	2	715
Experimental Eye Research	0014-4835	381	11	3%	14%	239	25	10%	No	TJ status removed		1	250	1	826
Experimental Neurology	0014-4886	210	5	2%	13%	161	16	10%	No	TJ status removed		2	307	2	915
Fungal Genetics and Biology	1087-1845	56	6	11%	16%	57	8	14%	No	TJ status removed		1	290	1	833
Gynecologic Oncology	0090-8258	347	32	9%	14%	265	39	15%	Yes		20%	2	348	2	1927
Journal of Autoimmunity	0896-8411	64	7	11%	19%	66	14	21%	Yes		26%	4	1003	1	876
Journal of Environmental Management	0301-4797	2240	136	6%	12%	2157	176	8%	No	TJ status removed		3	467	2	968
Journal of Molecular Biology	0022-2836	263	52	20%	25%	193	44	23%	No	TJ status removed		3	850	2	1130
Journal of Magnetic Resonance	1090-7807	142	15	11%	18%	113	18	16%	No	TJ status removed		1	306	1	761
Osteoarthritis and Cartilage	1063-4584	144	27	19%	24%	94	30	32%	Yes		37%	3	758	3	1863
Journal of Clinical Neuroscience	0967-5868	374	5	1%	10%	281	12	4%	No	TJ status removed		1	172	1	908
Journal of Structural Biology	1047-8477	92	10	11%	17%	59	9	15%	No	TJ status removed		1	346	1	1287
Journal of Theoretical Biology	0022-5193	246	32	13%	18%	199	41	21%	Yes		26%	1	322	1	763
Medical Hypotheses	0306-9877	203	11	5%	11%	107	9	8%	No	TJ status removed		0	298	0	914
Methods	1046-2023	120	21	18%	23%	206	10	5%	No	TJ status removed		3	427	3	1092
American Heart Journal	0002-8703	150	25	17%	22%	135	30	22%	Yes		27%	1	305	1	1427
Midwifery	0266-6138	161	26	16%	21%	154	35	23%	Yes		28%	1	437	1	1311
The Journal of Pediatrics	0022-3476	404	18	4%	11%	262	31	12%	Yes		17%	1	976	2	2970
Physiological and Molecular Plant Pathology	0885-5765	129	2	2%	14%	92	2	2%	No	TJ status removed		1	250	0	418
Protein Expression and Purification	1046-5928	131	3	2%	13%	98	7	7%	No	TJ status removed		1	307	0	799
Respiratory Medicine	0954-6111	220	22	10%	15%	145	34	23%	Yes		28%	1	370	1	1612
Tuberculosis	1472-9792	56	2	4%	16%	58	7	12%	No	TJ status removed		1	239	1	882
The Veterinary Journal	1090-0233	64	9	14%	19%	39	14	36%	Yes		41%	1	553	1	1832
Virology	0042-6822	150	11	7%	14%	107	13	12%	No	TJ status removed		1	394	1	710