

Brandon K Swan

List of Publications by Year in descending order

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39
papers

6,983
citations

218677

26
h-index

302126

39
g-index

42
all docs

42
docs citations

42
times ranked

8415
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights into the phylogeny and coding potential of microbial dark matter. <i>Nature</i> , 2013, 499, 431-437.	27.8	2,239
2	Functional metagenomic profiling of nine biomes. <i>Nature</i> , 2008, 452, 629-632.	27.8	842
3	Potential for Chemolithoautotrophy Among Ubiquitous Bacteria Lineages in the Dark Ocean. <i>Science</i> , 2011, 333, 1296-1300.	12.6	510
4	A genomic catalog of Earth's microbiomes. <i>Nature Biotechnology</i> , 2021, 39, 499-509.	17.5	457
5	Prevalent genome streamlining and latitudinal divergence of planktonic bacteria in the surface ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11463-11468.	7.1	328
6	Biodiversity and biogeography of phages in modern stromatolites and thrombolites. <i>Nature</i> , 2008, 452, 340-343.	27.8	251
7	Capturing Single Cell Genomes of Active Polysaccharide Degraders: An Unexpected Contribution of Verrucomicrobia. <i>PLoS ONE</i> , 2012, 7, e35314.	2.5	236
8	Major role of nitrite-oxidizing bacteria in dark ocean carbon fixation. <i>Science</i> , 2017, 358, 1046-1051.	12.6	229
9	Single-cell genomics-based analysis of virus-host interactions in marine surface bacterioplankton. <i>ISME Journal</i> , 2015, 9, 2386-2399.	9.8	207
10	High-throughput single-cell sequencing identifies photoheterotrophs and chemoautotrophs in freshwater bacterioplankton. <i>ISME Journal</i> , 2012, 6, 113-123.	9.8	168
11	SAR202 Genomes from the Dark Ocean Predict Pathways for the Oxidation of Recalcitrant Dissolved Organic Matter. <i>MBio</i> , 2017, 8, .	4.1	168
12	Unveiling <i>in situ</i> interactions between marine protists and bacteria through single cell sequencing. <i>ISME Journal</i> , 2012, 6, 703-707.	9.8	124
13	Single-cell enabled comparative genomics of a deep ocean SAR11 bathytype. <i>ISME Journal</i> , 2014, 8, 1440-1451.	9.8	119
14	Archaeal and Bacterial Communities Respond Differently to Environmental Gradients in Anoxic Sediments of a California Hypersaline Lake, the Salton Sea. <i>Applied and Environmental Microbiology</i> , 2010, 76, 757-768.	3.1	115
15	Phylogenomics suggests oxygen availability as a driving force in Thaumarchaeota evolution. <i>ISME Journal</i> , 2019, 13, 2150-2161.	9.8	108
16	Diverse Marinimicrobia bacteria may mediate coupled biogeochemical cycles along eco-thermodynamic gradients. <i>Nature Communications</i> , 2017, 8, 1507.	12.8	99
17	Single-cell genomics shedding light on marine Thaumarchaeota diversification. <i>ISME Journal</i> , 2014, 8, 732-736.	9.8	98
18	Genomic and Metabolic Diversity of Marine Group I Thaumarchaeota in the Mesopelagic of Two Subtropical Gyres. <i>PLoS ONE</i> , 2014, 9, e95380.	2.5	95

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19	Marine viruses, a genetic reservoir revealed by targeted viromics. <i>ISME Journal</i> , 2014, 8, 1079-1088.	9.8	83
20	Thermal, mixing, and oxygen regimes of the Salton Sea, California, 1997–1999. <i>Hydrobiologia</i> , 2001, 466, 159-176.	2.0	67
21	Evolutionary analysis of a streamlined lineage of surface ocean Roseobacters. <i>ISME Journal</i> , 2014, 8, 1428-1439.	9.8	55
22	Use of Fatty Acid Methyl Ester Profiles for Discrimination of <i>Bacillus cereus</i> T-Strain Spores Grown on Different Media. <i>Applied and Environmental Microbiology</i> , 2010, 76, 1902-1912.	3.1	48
23	Genomic exploration of individual giant ocean viruses. <i>ISME Journal</i> , 2017, 11, 1736-1745.	9.8	40
24	Fish as vectors in the dispersal of <i>Bythotrephes cederstroemi</i> : diapausing eggs survive passage through the gut. <i>Freshwater Biology</i> , 2000, 43, 579-589.	2.4	37
25	Metazooplankton dynamics in the Salton Sea, California, 1997–1999. <i>Hydrobiologia</i> , 2002, 473, 103-120.	2.0	33
26	Zooplankton life cycles: Direct documentation of pelagic births and deaths relative to diapausing egg production. <i>Limnology and Oceanography</i> , 2004, 49, 1317-1332.	3.1	32
27	Comparing effective population sizes of dominant marine alphaproteobacteria lineages. <i>Environmental Microbiology Reports</i> , 2014, 6, 167-172.	2.4	27
28	Role of the polychaete <i>Neanthes succinea</i> in phosphorus regeneration from sediments in the Salton Sea, California. <i>Hydrobiologia</i> , 2007, 576, 111-125.	2.0	26
29	Phytoplankton dynamics in the Salton Sea, California, 1997–1999. <i>Lake and Reservoir Management</i> , 2007, 23, 582-605.	1.3	18
30	The Role of Ocean Currents in the Temperature Selection of Plankton: Insights from an Individual-Based Model. <i>PLoS ONE</i> , 2016, 11, e0167010.	2.5	16
31	Fish as vectors in the dispersal of <i>Bythotrephes cederstroemi</i> : diapausing eggs survive passage through the gut. <i>Freshwater Biology</i> , 2000, 43, 579-589.	2.4	16
32	Ciliate plankton dynamics and survey of ciliate diversity in the Salton Sea, California, 1997–1999. <i>Lake and Reservoir Management</i> , 2007, 23, 606-619.	1.3	12
33	Novel Impactor and Microsphere-Based Assay Used to Measure Containment of Aerosols Generated in a Flow Cytometer Cell Sorter. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2019, 95, 173-182.	1.5	11
34	Metazooplankton dynamics in the Salton Sea, California, 1997–1999. , 2002, , 103-120.		9
35	Spatial and temporal patterns of transparency and light attenuation in the Salton Sea, California, 1997–1999. <i>Lake and Reservoir Management</i> , 2007, 23, 653-662.	1.3	8
36	Influence of river inflows on plankton distribution around the southern perimeter of the Salton Sea, California. <i>Hydrobiologia</i> , 2007, 576, 167-183.	2.0	8

#	ARTICLE	IF	CITATIONS
37	Procedures for Flow Cytometryâ€Based Sorting of Unfixed Severe Acute Respiratory Syndrome Coronavirus 2 (SARSâ€CoVâ€2) Infected Cells and Other Infectious Agents. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2020, 97, 674-680.	1.5	8
38	Optical characterization of a precipitation event in a moderately hypersaline lake. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	3
39	Periodic sulfide irruptions impact microbial community structure and diversity in the water column of a hypersaline lake. <i>Aquatic Microbial Ecology</i> , 2010, 60, 97-108.	1.8	3