

Richard I Webb

List of Publications by Year in descending order

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31
papers

3,728
citations

279798

23
h-index

454955

30
g-index

34
all docs

34
docs citations

34
times ranked

4709
citing authors

#	ARTICLE	IF	CITATIONS
1	Candidatus <i>Anammoxoglobus propionicus</i> a new propionate oxidizing species of anaerobic ammonium oxidizing bacteria. <i>Systematic and Applied Microbiology</i> , 2007, 30, 39-49.	2.8	511
2	Cell compartmentalisation in planctomycetes: novel types of structural organisation for the bacterial cell. <i>Archives of Microbiology</i> , 2001, 175, 413-429.	2.2	334
3	Plants can use protein as a nitrogen source without assistance from other organisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 4524-4529.	7.1	296
4	Metamorphosis of a Scleractinian Coral in Response to Microbial Biofilms. <i>Applied and Environmental Microbiology</i> , 2004, 70, 1213-1221.	3.1	287
5	High-resolution mapping reveals topologically distinct cellular pools of phosphatidylserine. <i>Journal of Cell Biology</i> , 2011, 194, 257-275.	5.2	249
6	Endocytosis-like protein uptake in the bacterium <i>Gemmata obscuriglobus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 12883-12888.	7.1	210
7	Identification of the Primary Lesion of Toxic Aluminum in Plant Roots. <i>Plant Physiology</i> , 2015, 167, 1402-1411.	4.8	194
8	Linking Ultrastructure and Function in Four Genera of Anaerobic Ammonium-Oxidizing Bacteria: Cell Plan, Glycogen Storage, and Localization of Cytochrome <i>c</i> Proteins. <i>Journal of Bacteriology</i> , 2008, 190, 708-717.	2.2	163
9	Turning the Table: Plants Consume Microbes as a Source of Nutrients. <i>PLoS ONE</i> , 2010, 5, e11915.	2.5	136
10	A Single Method for Cryofixation and Correlative Light, Electron Microscopy and Tomography of Zebrafish Embryos. <i>Traffic</i> , 2009, 10, 131-136.	2.7	131
11	In Situ Distribution and Speciation of Toxic Copper, Nickel, and Zinc in Hydrated Roots of Cowpea. <i>Plant Physiology</i> , 2011, 156, 663-673.	4.8	130
12	Phylum Verrucomicrobia representatives share a compartmentalized cell plan with members of bacterial phylum Planctomycetes. <i>BMC Microbiology</i> , 2009, 9, 5.	3.3	120
13	Isolation of Gemmata -Like and Isosphaera -Like Planctomycete Bacteria from Soil and Freshwater. <i>Applied and Environmental Microbiology</i> , 2002, 68, 417-422.	3.1	110
14	Cellular origin of chlorinated diketopiperazines in the dictyoceratid sponge <i>Dysidea herbacea</i> (Keller). <i>Cell and Tissue Research</i> , 1998, 292, 597-607.	2.9	107
15	Ultrastructure, aggregation-state, and crystal growth of biogenic nanocrystalline sphalerite and wurtzite. <i>American Mineralogist</i> , 2004, 89, 950-960.	1.9	102
16	The role of F9 fimbriae of uropathogenic <i>Escherichia coli</i> in biofilm formation. <i>Microbiology (United Kingdom)</i> , 2000, 144, 1009-1019.	4.8	101
17	The effects of copper on the microbial community of a coral reef sponge. <i>Environmental Microbiology</i> , 2001, 3, 19-31.	3.8	95
18	A sponge/dinoflagellate association in the haplosclerid sponge <i>Haliclona</i> sp.: cellular origin of cytotoxic alkaloids by Percoll density gradient fractionation. <i>Cell and Tissue Research</i> , 1998, 293, 365-373.	2.9	86

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19	Intracellular localization of membrane-bound ATPases in the compartmentalized anammox bacterium <i>Candidatus</i> <i>Kuenenia stuttgartiensis</i> TM . <i>Molecular Microbiology</i> , 2010, 77, 701-715.	2.5	71
20	Cell division ring, a new cell division protein and vertical inheritance of a bacterial organelle in anammox planctomycetes. <i>Molecular Microbiology</i> , 2009, 73, 1009-1019.	2.5	53
21	Structural Studies of Planctomycete <i>Gemmata obscuriglobus</i> Support Cell Compartmentalisation in a Bacterium. <i>PLoS ONE</i> , 2014, 9, e91344.	2.5	42
22	Isolation and diversity of planctomycetes from the sponge <i>Niphates</i> sp., seawater, and sediment of Moreton Bay, Australia. <i>Antonie Van Leeuwenhoek</i> , 2013, 104, 533-546.	1.7	35
23	Membrane-bounded nucleoids in microbial symbionts of marine sponges. <i>FEMS Microbiology Letters</i> , 1998, 166, 29-34.	1.8	27
24	Modern Approaches for Ultrastructural Analysis of the Zebrafish Embryo. <i>Methods in Cell Biology</i> , 2010, 96, 425-442.	1.1	25
25	Nuclear Pore-Like Structures in a Compartmentalized Bacterium. <i>PLoS ONE</i> , 2017, 12, e0169432.	2.5	24
26	Distribution and speciation of Mn in hydrated roots of cowpea at levels inhibiting root growth. <i>Physiologia Plantarum</i> , 2013, 147, 453-464.	5.2	21
27	Isolation and characterization of a <i>Clostridium</i> sp. with cinnamoyl esterase activity and unusual cell envelope ultrastructure. <i>Archives of Microbiology</i> , 1999, 172, 139-149.	2.2	18
28	Electron tomography of the nucleoid of <i>Gemmata obscuriglobus</i> reveals complex liquid crystalline cholesteric structure. <i>Frontiers in Microbiology</i> , 2012, 3, 326.	3.5	15
29	Anammoxosomes of Anaerobic Ammonium-oxidizing Planctomycetes. <i>Microbiology Monographs</i> , 2006, , 259-283.	0.6	10
30	Membrane-bounded nucleoids in microbial symbionts of marine sponges. <i>FEMS Microbiology Letters</i> , 1998, 166, 29-34.	1.8	3
31	Cell Compartmentalization and Endocytosis in Planctomycetes: Structure and Function in Complex Bacteria. , 2013, , 39-75.		0