

J Vaun Mcarthur

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

3,124
citations

394421

19
h-index

434195

31
g-index

31
all docs

31
docs citations

31
times ranked

3472
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-selection of antibiotic and metal resistance. Trends in Microbiology, 2006, 14, 176-182.	7.7	1,462
2	Coselection for microbial resistance to metals and antibiotics in freshwater microcosms. Environmental Microbiology, 2006, 8, 1510-1514.	3.8	258
3	Influence of industrial contamination on mobile genetic elements: class 1 integron abundance and gene cassette structure in aquatic bacterial communities. ISME Journal, 2008, 2, 417-428.	9.8	191
4	Elevated Microbial Tolerance to Metals and Antibiotics in Metal-Contaminated Industrial Environments. Environmental Science & Technology, 2005, 39, 3671-3678.	10.0	162
5	Genetic diversity in natural populations of a soil bacterium across a landscape gradient. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 9621-9624.	7.1	140
6	Bacterial tolerances to metals and antibiotics in metal-contaminated and reference streams. FEMS Microbiology Ecology, 2006, 58, 293-302.	2.7	127
7	Spatial Patterns in Antibiotic Resistance among Stream Bacteria: Effects of Industrial Pollution. Applied and Environmental Microbiology, 2000, 66, 3722-3726.	3.1	116
8	Multi-site Analysis Reveals Widespread Antibiotic Resistance in the Marine Pathogen <i>Vibrio vulnificus</i> . Microbial Ecology, 2009, 57, 151-159.	2.8	100
9	Antibiotic Resistance in the Shellfish Pathogen <i>Vibrio parahaemolyticus</i> Isolated from the Coastal Water and Sediment of Georgia and South Carolina, USA. Journal of Food Protection, 2008, 71, 2552-2558.	1.7	80
10	Genetic structure of a lotic population of <i>Burkholderia</i> (<i>Pseudomonas</i>) <i>cepacia</i> . Applied and Environmental Microbiology, 1995, 61, 1791-1798.	3.1	77
11	An exploration of factors influencing lotic insect species richness. Biodiversity and Conservation, 2000, 9, 1543-1570.	2.6	67
12	Detection of Tn5-like sequences in kanamycin-resistant stream bacteria and environmental DNA. Applied and Environmental Microbiology, 1993, 59, 417-421.	3.1	43
13	Genetic Diversity of Bacteria along a Stream Continuum. Journal of the North American Benthological Society, 1992, 11, 269-277.	3.1	31
14	Upstream Mobility of the Asiatic Clam <i>Corbicula fluminea</i> : Identifying Potential Dispersal Agents. Journal of Freshwater Ecology, 1998, 13, 39-45.	1.2	31
15	Spatial Analysis of Antibiotic Resistance Along Metal Contaminated Streams. Microbial Ecology, 2008, 55, 595-607.	2.8	31
16	Exposure of juvenile Leghorn chickens to lead acetate enhances antibiotic resistance in enteric bacterial flora. Poultry Science, 2014, 93, 891-897.	3.4	27
17	Temporal Variation in Genetic Diversity and Structure of a Lotic Population of <i>Burkholderia</i> (<i>Pseudomonas</i>) <i>cepacia</i> . Applied and Environmental Microbiology, 1996, 62, 1558-1562.	3.1	26
18	Organic matter retention by macrophyte beds in 2 southeastern USA, low-gradient, headwater streams. Journal of the North American Benthological Society, 2000, 19, 633-647.	3.1	22

#	ARTICLE	IF	CITATIONS
19	Antimicrobial Textiles. Handbook of Experimental Pharmacology, 2012, , 135-152.	1.8	20
20	Spatial and taxonomic variation in trace element bioaccumulation in two herbivores from a coal combustion waste contaminated stream. Ecotoxicology and Environmental Safety, 2014, 101, 196-204.	6.0	15
21	Spatial and temporal variability of antibiotic resistance in freshwater bacterial assemblages. FEMS Microbiology Ecology, 1993, 13, 135-143.	2.7	14
22	Patterns of Multi-Antibiotic-Resistant Escherichia Coli from Streams with No History of Antimicrobial Inputs. Microbial Ecology, 2016, 72, 840-850.	2.8	14
23	Trace element accumulation in lotic dragonfly nymphs: Genus matters. PLoS ONE, 2017, 12, e0172016.	2.5	14
24	Genetic diversity vs geographic distribution of five congeneric caddisflies. Hydrobiologia, 1997, 362, 1-8.	2.0	11
25	Metal accumulation in dragonfly nymphs and crayfish as indicators of constructed wetland effectiveness. Environmental Pollution, 2020, 256, 113387.	7.5	10
26	Sediment and biota trace element distribution in streams disturbed by upland industrial activity. Environmental Toxicology and Chemistry, 2019, 38, 115-131.	4.3	9
27	Information Length: Spatial and Temporal Parameters among Stream Bacterial Assemblages. Journal of the North American Benthological Society, 1997, 16, 347-357.	3.1	7
28	RHEOCYCLOPS, A NEW GENUS OF COPEPODS FROM THE SOUTHEASTERN AND CENTRAL U.S.A. (COPEPODA:) Tj ETQq0 0 0rgBT /Over 0.8	0.8	0
29	The effects of low-level ionizing radiation and copper exposure on the incidence of antibiotic resistance in lentic biofilm bacteria. Environmental Pollution, 2017, 228, 390-397.	7.5	5
30	Unveiling the Gut Microbiota and Resistome of Wild Cotton Mice, <i>Peromyscus gossypinus</i> , from Heavy Metal- and Radionuclide-Contaminated Sites in the Southeastern United States. Microbiology Spectrum, 2021, 9, e0009721.	3.0	4
31	Basins, beaver ponds, and the storage and redistribution of trace elements in an industrially impacted coastal plain stream on the Savannah River Site, SC, USA. Environment International, 2019, 133, 105174.	10.0	3