

Matthew J Morgan

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

518
citations

840776

11
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

942
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabarcoding of benthic eukaryote communities predicts the ecological condition of estuaries. <i>Environmental Pollution</i> , 2015, 203, 165-174.	7.5	125
2	Impacts of inundation and drought on eukaryote biodiversity in semi-arid floodplain soils. <i>Molecular Ecology</i> , 2013, 22, 1746-1758.	3.9	54
3	Molecular phylogenetic dating supports an ancient endemic speciation model in Australia's biodiversity hotspot. <i>Molecular Phylogenetics and Evolution</i> , 2007, 44, 371-385.	2.7	43
4	Characterization of a Drinking Water Distribution Pipeline Terminally Colonized by <i>Naegleria fowleri</i> . <i>Environmental Science & Technology</i> , 2016, 50, 2890-2898.	10.0	36
5	Improved Inference of Taxonomic Richness from Environmental DNA. <i>PLoS ONE</i> , 2013, 8, e71974.	2.5	33
6	Molecular homology and multiple-sequence alignment: an analysis of concepts and practice. <i>Australian Systematic Botany</i> , 2015, 28, 46.	0.9	30
7	Assessment of genetic diversity in the critically endangered Australian corroboree frogs, <i>Pseudophryne corroboree</i> and <i>Pseudophryne pengilleyi</i> , identifies four evolutionarily significant units for conservation. <i>Molecular Ecology</i> , 2008, 17, 3448-3463.	3.9	27
8	Elimination of <i>Naegleria fowleri</i> from bulk water and biofilm in an operational drinking water distribution system. <i>Water Research</i> , 2017, 110, 15-26.	11.3	23
9	Investigation into the microbial communities and associated crude oil-contamination along a Gulf War impacted groundwater system in Kuwait. <i>Water Research</i> , 2020, 170, 115314.	11.3	19
10	Comparison of biofilm ecology supporting growth of individual <i>Naegleria</i> species in a drinking water distribution system. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	2.7	18
11	Genomics and transcriptomics yields a system-level view of the biology of the pathogen <i>Naegleria fowleri</i> . <i>BMC Biology</i> , 2021, 19, 142.	3.8	18
12	<i>Naegleria fowleri</i> in drinking water distribution systems. <i>Current Opinion in Environmental Science and Health</i> , 2020, 16, 22-27.	4.1	12
13	Inference of molecular homology and sequence alignment by direct optimization. <i>Molecular Phylogenetics and Evolution</i> , 2010, 56, 305-311.	2.7	11
14	Biodegradability of polar compounds formed from weathered diesel. <i>Biodegradation</i> , 2018, 29, 443-461.	3.0	10
15	Preferential feeding in <i>Naegleria fowleri</i> ; intracellular bacteria isolated from amoebae in operational drinking water distribution systems. <i>Water Research</i> , 2018, 141, 126-134.	11.3	10
16	Biodegradability of legacy crude oil contamination in Gulf War damaged groundwater wells in Northern Kuwait. <i>Biodegradation</i> , 2019, 30, 71-85.	3.0	9
17	Unravelling Microbial Communities Associated with Different Light Non-Aqueous Phase Liquid Types Undergoing Natural Source Zone Depletion Processes at a Legacy Petroleum Site. <i>Water (Switzerland)</i> , 2021, 13, 898.	2.7	8
18	The role of predicted chemotactic and hydrocarbon degrading taxa in natural source zone depletion at a legacy petroleum hydrocarbon site. <i>Journal of Hazardous Materials</i> , 2022, 430, 128482.	12.4	8

#	ARTICLE	IF	CITATIONS
19	Microeukaryote community composition assessed by pyrosequencing is associated with light availability and phytoplankton primary production along a lowland river. <i>Freshwater Biology</i> , 2013, 58, 2401-2413.	2.4	6
20	Biofilm and Related Amoebas in an UK Chlorinated Drinking Water System. <i>Water (Switzerland)</i> , 2021, 13, 3069.	2.7	5
21	Microsatellite markers in the endangered Australian northern corroboree frog, <i>Pseudophryne pengilleyi</i> (Anura: Myobatrachidae) and amplification in other <i>Pseudophryne</i> species. <i>Conservation Genetics</i> , 2008, 9, 1315-1317.	1.5	1