

Ralph Mitchell

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12190525/publications.pdf>

Version: 2024-02-01

73
papers

4,231
citations

159573

30
h-index

114455

63
g-index

92
all docs

92
docs citations

92
times ranked

3828
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface colour: An overlooked aspect in the study of cyanobacterial biofilm formation. <i>Science of the Total Environment</i> , 2019, 659, 342-353.	8.0	23
2	Steady-State Oxygen Isotope Effects of N ₂ O Production in <i>Paracoccus denitrificans</i> . <i>Microbial Ecology</i> , 2017, 74, 507-509.	2.8	4
3	Evaluation of Cleaning Methods for Graffiti Removal. <i>Air Pollution Reviews</i> , 2016, , 291-312.	0.1	4
4	Investigation of the recent microbial degradation of the skin of the Chinchorro mummies of Ancient Chile. <i>Journal of Cultural Heritage</i> , 2016, 22, 999-1005.	3.3	14
5	Feasibility study involving the search for natural strains of microorganisms capable of degrading graffiti from heritage materials. <i>International Biodeterioration and Biodegradation</i> , 2015, 103, 186-190.	3.9	27
6	Pyomelanin production in <i>Penicillium chrysogenum</i> is stimulated by l-tyrosine. <i>Microbiology (United Kingdom)</i> , 2015, 159, 188-195.	1.8	31
7	Inactivation of Foodborne Microorganisms Using Engineered Water Nanostructures (EWNS). <i>Environmental Science & Technology</i> , 2015, 49, 3737-3745.	10.0	70
8	Current methods of graffiti removal: A review. <i>Construction and Building Materials</i> , 2014, 71, 363-374.	7.2	99
9	Microbiological survey for analysis of the brown spots on the walls of the tomb of King Tutankhamun. <i>International Biodeterioration and Biodegradation</i> , 2013, 79, 56-63.	3.9	39
10	<i>Biodeterioration</i> , 2013, , 309-341.		4
11	A non-fluidic, fluorometric assay for the detection of fungi on cultural heritage materials. <i>Annals of Microbiology</i> , 2013, 63, 965-970.	2.6	2
12	NOVEL METHOD OF MICRONUTRIENT APPLICATION INCREASES RADISH (<i>RAPHANUS SATIVUS</i>) AND SHIRONA (<i>BRASSICA RAPA</i> VAR. PEKINENSIS) BIOMASS. <i>Journal of Plant Nutrition</i> , 2012, 35, 471-479.	1.9	8
13	Early detection of fungal biomass on library materials. <i>Journal of Cultural Heritage</i> , 2012, 13, 115-119.	3.3	20
14	Characterization of Filamentous Accretions On Daguerreotype Surfaces. <i>Journal of the American Institute for Conservation</i> , 2011, 50, 149-159.	0.5	1
15	Fluorometric detection and estimation of fungal biomass on cultural heritage materials. <i>Journal of Microbiological Methods</i> , 2010, 80, 178-182.	1.6	16
16	Enzymatic decolorization of bacterial pigments from culturally significant marble. <i>Journal of Cultural Heritage</i> , 2009, 10, 362-366.	3.3	17
17	Analysis of bacterial community composition in concretions formed on the USS Arizona, Pearl Harbor, HI. <i>Journal of Cultural Heritage</i> , 2009, 10, 232-236.	3.3	26
18	<i>Biodeterioration</i> , 2006, , 864-903.		4

#	ARTICLE	IF	CITATIONS
19	Molecular models of alginic acid: Interactions with calcium ions and calcite surfaces. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 3508-3532.	3.9	57
20	Epilithic and Endolithic Bacterial Communities in Limestone from a Maya Archaeological Site. <i>Microbial Ecology</i> , 2006, 51, 51-64.	2.8	140
21	Chelating Ligand Alters the Microscopic Mechanism of Mineral Dissolution. <i>Journal of the American Chemical Society</i> , 2005, 127, 5744-5745.	13.7	31
22	Binding of Harvested Bacterial Exopolymers to the Surface of Calcite. <i>Environmental Science & Technology</i> , 2005, 39, 8770-8775.	10.0	43
23	Microbial deterioration of historic stone. <i>Frontiers in Ecology and the Environment</i> , 2005, 3, 445-451.	4.0	83
24	Biodeterioration of Inralac used for the protection of bronze monuments. <i>Journal of Cultural Heritage</i> , 2004, 5, 361-364.	3.3	32
25	Effects of the Biologically Produced Polymer Alginic Acid on Macroscopic and Microscopic Calcite Dissolution Rates. <i>Environmental Science & Technology</i> , 2004, 38, 3040-3046.	10.0	55
26	Title is missing!. <i>Hydrobiologia</i> , 2002, 474, 81-90.	2.0	30
27	Title is missing!. <i>World Journal of Microbiology and Biotechnology</i> , 2001, 17, 173-179.	3.6	25
28	Changes in the biofilm microflora of limestone caused by atmospheric pollutants. <i>International Biodeterioration and Biodegradation</i> , 2000, 46, 299-303.	3.9	74
29	Steady-State Nitrogen Isotope Effects of N ₂ and N ₂ O Production in <i>Paracoccus denitrificans</i> . <i>Applied and Environmental Microbiology</i> , 1999, 65, 989-994.	3.1	209
30	Experimental Pathogenicity of <i>Aeromonas</i> spp. for the Zebra Mussel, <i>Dreissena polymorpha</i> . <i>Current Microbiology</i> , 1998, 36, 19-23.	2.2	17
31	Biodeterioration of concrete by the fungus <i>Fusarium</i> . <i>International Biodeterioration and Biodegradation</i> , 1998, 41, 101-109.	3.9	193
32	The role of microbial biofilms in deterioration of space station candidate materials. <i>International Biodeterioration and Biodegradation</i> , 1998, 41, 25-33.	3.9	28
33	Biofilms and the Survival of Opportunistic Pathogens in Recycled Water. <i>Waste Management and Research</i> , 1991, 9, 465-470.	3.9	23
34	The Ecology of Microbial Corrosion. <i>Advances in Microbial Ecology</i> , 1990, , 231-262.	0.1	104
35	Symbiosis of methylotrophic bacteria and deep-sea mussels. <i>Nature</i> , 1987, 325, 346-348.	27.8	216
36	Factors Influencing the Adhesion of Microorganisms to Surfaces. <i>Journal of Adhesion</i> , 1986, 20, 187-210.	3.0	69

#	ARTICLE	IF	CITATIONS
37	Ion and neuropharmacological studies of barnacle settlement. <i>Journal of Sea Research</i> , 1986, 20, 269-275.	1.0	88
38	Interactions in Syntrophic Associations of Endospore-Forming, Butyrate-Degrading Bacteria and H ₂ -Consuming Bacteria. <i>Applied and Environmental Microbiology</i> , 1985, 50, 1244-1250.	3.1	28
39	Contribution of Particle-Bound Bacteria to Total Microheterotrophic Activity in Five Ponds and Two Marshes. <i>Applied and Environmental Microbiology</i> , 1982, 43, 200-209.	3.1	222
40	Bacteria induce settlement and metamorphosis of <i>Janua (Dexiospira) brasiliensis</i> Grube (Polychaeta:Spirrbidae). <i>Journal of Experimental Marine Biology and Ecology</i> , 1981, 56, 153-163.	1.5	150
41	Ecology of bacterial communities in the schistosomiasis vector snail <i>Biomphalaria glabrata</i> . <i>Microbial Ecology</i> , 1981, 7, 253-274.	2.8	30
42	External Microflora of a Marine Wood-Boring Isopod. <i>Applied and Environmental Microbiology</i> , 1981, 42, 720-729.	3.1	16
43	Experimental pathogenicity of <i>Vibrio parahaemolyticus</i> for the schistosome-bearing snail <i>Biomphalaria glabrata</i> . <i>Canadian Journal of Microbiology</i> , 1980, 26, 503-506.	1.7	26
44	Processes controlling virus inactivation in coastal waters. <i>Water Research</i> , 1980, 14, 363-371.	11.3	88
45	Chemotactic responses of <i>Vibrio alginolyticus</i> to algal extracellular products. <i>Canadian Journal of Microbiology</i> , 1979, 25, 964-967.	1.7	30
46	Observations on naturally and artificially diseased tropical corals: A scanning electron microscope study. <i>Microbial Ecology</i> , 1979, 5, 215-223.	2.8	60
47	Composition of mucus released by coral reef coelenterates ¹ . <i>Limnology and Oceanography</i> , 1979, 24, 706-714.	3.1	170
48	Bacterial populations and adaptations in the mucus layers on living corals ¹ . <i>Limnology and Oceanography</i> , 1979, 24, 715-725.	3.1	202
49	Chemoreception in the green alga <i>Dunaliella tertiolecta</i> . <i>Current Microbiology</i> , 1978, 1, 305-307.	2.2	12
50	Meeting a Pollution Challenge. <i>Science</i> , 1977, 195, 386-387.	12.6	0
51	Bacterial chemotactic responses in flowing water. <i>Microbial Ecology</i> , 1977, 4, 165-168.	2.8	13
52	Some benevolent and antagonistic relationships between <i>Ulva lactuca</i> and its microflora. <i>Aquatic Botany</i> , 1976, 2, 13-22.	1.6	3
53	Petroleum hydrocarbons inhibit decomposition of organic matter in seawater. <i>Nature</i> , 1976, 261, 308-309.	27.8	12
54	Mine drainage pollution reduction by inhibition of iron bacteria. <i>Water Research</i> , 1975, 9, 525-528.	11.3	10

#	ARTICLE	IF	CITATIONS
55	Phosphate removal by magnetic filtration. <i>Water Research</i> , 1974, 8, 107-109.	11.3	29
56	The removal of <i>Escherichia coli</i> -bacteriophage T7 by magnetic filtration. <i>Water Research</i> , 1974, 8, 549-551.	11.3	31
57	Selective stimulation of marine bacteria by algal extracellular products ¹ . <i>Limnology and Oceanography</i> , 1974, 19, 833-839.	3.1	110
58	Differentiation between <i>Gallionella</i> and <i>Metallogenium</i> . <i>Archives of Microbiology</i> , 1973, 90, 19-25.	2.2	6
59	Negative Chemotaxis of Marine Bacteria to Toxic Chemicals. <i>Applied Microbiology</i> , 1973, 25, 972-975.	0.6	27
60	Effect of Biogenic Amines and Cannabinoids on Bacterial Chemotaxis. <i>Journal of Bacteriology</i> , 1973, 115, 1215-1218.	2.2	18
61	CHEMOTACTIC AND GROWTH RESPONSES OF MARINE BACTERIA TO ALGAL EXTRACELLULAR PRODUCTS. <i>Biological Bulletin</i> , 1972, 143, 265-277.	1.8	505
62	The Effect of Nutrient Fertilization on the Benthic Alga <i>Ulva lactuca</i> . <i>Botanica Marina</i> , 1972, 15, .	1.2	73
63	pH-Dependent succession of iron bacteria. <i>Environmental Science & Technology</i> , 1972, 6, 809-812.	10.0	42
64	Bacterial chemoreception: an important ecological phenomenon inhibited by hydrocarbons. <i>Water Research</i> , 1972, 6, 1137-1140.	11.3	19
65	Role of Predators in the Reversal of Imbalances in Microbial Ecosystems. <i>Nature</i> , 1971, 230, 257-258.	27.8	44
66	Hyphal Wall Compositions of Marine and Terrestrial Fungi of the Genus <i>Leptosphaeria</i> . <i>Journal of Bacteriology</i> , 1971, 106, 640-645.	2.2	6
67	Chemical Detection of Microbial Prey by Bacterial Predators. <i>Journal of Bacteriology</i> , 1971, 106, 863-867.	2.2	53
68	Implication of a marine ameba in the decline of <i>Escherichia coli</i> in seawater. <i>Environmental Science & Technology</i> , 1969, 3, 574-576.	10.0	14
69	Processes controlling virus inactivation in seawater. <i>Environmental Science & Technology</i> , 1969, 3, 941-943.	10.0	45
70	Factors affecting the decline of non-marine micro-organisms in seawater. <i>Water Research</i> , 1968, 2, 535-543.	11.3	52
71	The effect of water movement on lysis of non-marine microorganisms by marine bacteria. <i>Sarsia</i> , 1968, 34, 263-266.	0.5	4
72	Production of a Capsular Polysaccharide by a Marine Filamentous Fungus. <i>Journal of Bacteriology</i> , 1968, 96, 1474-1483.	2.2	22

#	ARTICLE	IF	CITATIONS
73	Biodeterioration of Materials in Water Reclamation Systems. , 0, , .		3