

# Ariel Kushmaro

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

142  
papers

4,698  
citations

40  
h-index

65  
g-index

150  
ext. papers

5,637  
ext. citations

5.7  
avg, IF

5.53  
L-index

#	Paper	IF	Citations
142	Probiotic Characteristics of Lactiplantibacillus Plantarum N-1 and Its Cholesterol-Lowering Effect in Hypercholesterolemic Rats.. <i>Probiotics and Antimicrobial Proteins</i> , <b>2022</b> , 1	5.5	1
141	Anti-Virulence Activity of 3,3'-Diindolylmethane (DIM): A Bioactive Cruciferous Phytochemical with Accelerated Wound Healing Benefits. <i>Pharmaceutics</i> , <b>2022</b> , 14, 967	6.4	1
140	Managing an evolving pandemic: Cryptic circulation of the Delta variant during the Omicron rise.. <i>Science of the Total Environment</i> , <b>2022</b> , 155599	10.2	0
139	Regressing SARS-CoV-2 Sewage Measurements Onto COVID-19 Burden in the Population: A Proof-of-Concept for Quantitative Environmental Surveillance.. <i>Frontiers in Public Health</i> , <b>2021</b> , 9, 561710	6	12
138	Mono-specific algal diets shape microbial networking in the gut of the sea urchin <i>Triploneustes gratilla elatensis</i> . <i>Animal Microbiome</i> , <b>2021</b> , 3, 79	4.1	0
137	RT-qPCR assays for SARS-CoV-2 variants of concern in wastewater reveals compromised vaccination-induced immunity. <i>Water Research</i> , <b>2021</b> , 207, 117808	12.5	9
136	Poly(Vinyl Alcohol)-Hydrogel Microparticles with Soft Barrier Shell for the Encapsulation of <i>Micrococcus luteus</i> . <i>Macromolecular Bioscience</i> , <b>2021</b> , 21, e2000419	5.5	3
135	Cross-kingdom inhibition of bacterial virulence and communication by probiotic yeast metabolites. <i>Microbiome</i> , <b>2021</b> , 9, 70	16.6	5
134	Assessing the Molecular Targets and Mode of Action of Furanone C-30 on Quorum Sensing. <i>Molecules</i> , <b>2021</b> , 26,	4.8	2
133	Quorum Sensing and NF- $\kappa$ B Inhibition of Synthetic Coumapherine Derivatives from. <i>Molecules</i> , <b>2021</b> , 26,	4.8	2
132	Tracking SARS-CoV-2 RNA through the Wastewater Treatment Process. <i>ACS ES&amp;T Water</i> , <b>2021</b> , 1, 1161-1167	9	
131	Microscopic and biomolecular complementary approaches to characterize bioweathering processes at petroglyph sites from the Negev Desert, Israel. <i>Environmental Microbiology</i> , <b>2021</b> ,	5.2	1
130	An inside look at a biofilm: flagella biotracking. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	2
129	Red Microalgal Sulfated Polysaccharide-CuO Complexes: Characterization and Bioactivity. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 7070-7079	9.5	2
128	Catalytically active peptides affected by self-assembly and residues order. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2021</b> , 203, 111751	6	2
127	Direct RT-qPCR assay for SARS-CoV-2 variants of concern (Alpha, B.1.1.7 and Beta, B.1.351) detection and quantification in wastewater. <i>Environmental Research</i> , <b>2021</b> , 201, 111653	7.9	26
126	City-level SARS-CoV-2 sewage surveillance. <i>Chemosphere</i> , <b>2021</b> , 283, 131194	8.4	9

125	CRISPR based development of RNA editing and the diagnostic platform. <i>Progress in Molecular Biology and Translational Science</i> , <b>2021</b> , 179, 117-159	4	
124	Inhibition of Biofilm Formation and Virulence by K41 Isolated From Traditional Sichuan Pickles. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 774	5.7	16
123	Temporal distribution of microbial community in an industrial wastewater treatment system following crash and during recovery periods. <i>Chemosphere</i> , <b>2020</b> , 258, 127271	8.4	6
122	Environmental pollutants induce noninherited antibiotic resistance to polymyxin B in. <i>Future Microbiology</i> , <b>2020</b> , 15, 1631-1643	2.9	1
121	Capillary bacterial migration on non-nutritive solid surfaces. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , <b>2020</b> , 71, 251-260	1.7	1
120	Cellular localization of cytochrome bd in cyanobacteria using genetic code expansion. <i>Biotechnology and Bioengineering</i> , <b>2020</b> , 117, 523-530	4.9	3
119	Molecular Insights into Bacteriophage Evolution toward Its Host. <i>Viruses</i> , <b>2020</b> , 12,	6.2	6
118	Anti-Quorum Sensing Activity of Stevia Extract, Stevioside, Rebaudioside A and Their Aglycon Steviol. <i>Molecules</i> , <b>2020</b> , 25,	4.8	3
117	-Mediated Genetic Transformation of the Ect-endomycorrhizal Fungus. <i>Genes</i> , <b>2020</b> , 11,	4.2	1
116	Rethinking wastewater risks and monitoring in light of the COVID-19 pandemic. <i>Nature Sustainability</i> , <b>2020</b> , 3, 981-990	22.1	111
115	Bacteria and microeukaryotes are differentially segregated in sympatric wastewater microhabitats. <i>Environmental Microbiology</i> , <b>2019</b> , 21, 1757-1770	5.2	13
114	Seasonal diversity of the bacterial communities associated with petroglyphs sites from the Negev Desert, Israel. <i>Annals of Microbiology</i> , <b>2019</b> , 69, 1079-1086	3.2	4
113	Diversity of Bacterial Biota in (Coleoptera: Buprestidae) Larvae. <i>Pathogens</i> , <b>2019</b> , 8,	4.5	4
112	Occurrence of microbial indicators, pathogenic bacteria and viruses in tropical surface waters subject to contrasting land use. <i>Water Research</i> , <b>2019</b> , 150, 200-215	12.5	16
111	Geospatial distribution of viromes in tropical freshwater ecosystems. <i>Water Research</i> , <b>2018</b> , 137, 220-232	22.5	20
110	Quantitative assessment of paraoxon adsorption to amphiphilic sheet peptides presenting the catalytic triad of esterases. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 530, 328-337	9.3	2
109	Lachish River event monitored for toxicity using bioluminescent reporter organisms. <i>The EuroBiotech Journal</i> , <b>2018</b> , 2, 47-58	1.5	2
108	Probing the toxicity mechanism of multiwalled carbon nanotubes on bacteria. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 5003-5012	5.1	19

107	Measuring Artificial Sweeteners Toxicity Using a Bioluminescent Bacterial Panel. <i>Molecules</i> , <b>2018</b> , 23,	4.8	28
106	Occurrence of Traditional and Alternative Fecal Indicators in Tropical Urban Environments under Different Land Use Patterns. <i>Applied and Environmental Microbiology</i> , <b>2018</b> , 84,	4.8	13
105	Modelling PhageBacteria Interaction in Micro-Bioreactors. <i>Clean - Soil, Air, Water</i> , <b>2017</b> , 45, 1600702	1.6	0
104	Iron-Coupled Anaerobic Oxidation of Methane Performed by a Mixed Bacterial-Archaeal Community Based on Poorly Reactive Minerals. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 12293-12301	10.3	67
103	Effects of benzophenone-3 on the green alga <i>Chlamydomonas reinhardtii</i> and the cyanobacterium <i>Microcystis aeruginosa</i> . <i>Aquatic Toxicology</i> , <b>2017</b> , 193, 1-8	5.1	37
102	Coral-associated bacterial extracts inhibit cellular NF- $\kappa$ B pathway. <i>Cogent Environmental Science</i> , <b>2017</b> , 3, 1292865	1.6	3
101	Shifting Cyanobacterial Diversity in Response to Agricultural Soils Associated with Dust Emission. <i>Land Degradation and Development</i> , <b>2017</b> , 28, 878-886	4.4	8
100	Functional marine metagenomic screening for anti-quorum sensing and anti-biofilm activity. <i>Biofouling</i> , <b>2017</b> , 33, 1-13	3.3	25
99	Genome Analysis of a Novel Broad Host Range Proteobacteria Phage Isolated from a Bioreactor Treating Industrial Wastewater. <i>Genes</i> , <b>2017</b> , 8,	4.2	8
98	A Generalist Protist Predator Enables Coexistence in Multitrophic Predator-Prey Systems Containing a Phage and the Bacterial Predator <i>Bdellovibrio</i> . <i>Frontiers in Ecology and Evolution</i> , <b>2017</b> , 5,	3.7	14
97	Toxicopathological Effects of the Sunscreen UV Filter, Oxybenzone (Benzophenone-3), on Coral Planulae and Cultured Primary Cells and Its Environmental Contamination in Hawaii and the U.S. Virgin Islands. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2016</b> , 70, 265-88	3.2	261
96	Biofilm formation on RO membranes: the impact of seawater pretreatment. <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 4741-4748		13
95	Microbial transcriptome profiling of black band disease in a Faviid coral during a seasonal disease peak. <i>Diseases of Aquatic Organisms</i> , <b>2016</b> , 118, 77-89	1.7	13
94	Impact of Biocides on Hydrogen Sulfide Production and Growth of <i>Desulfovibrio vulgaris</i> . <i>Clean - Soil, Air, Water</i> , <b>2016</b> , 44, 1423-1427	1.6	0
93	Novel Anti-Adhesive Biomaterial Patches: Preventing Biofilm with Metal Complex Films (MCF) Derived from a Microalgal Polysaccharide. <i>Advanced Materials Interfaces</i> , <b>2016</b> , 3, 1500486	4.6	7
92	Calcium-alginate/carbon nanotubes/TiO composite beads for removal of bisphenol A. <i>Water Science and Technology</i> , <b>2016</b> , 74, 1585-1593	2.2	9
91	Anti-Biofilms: Novel Anti-Adhesive Biomaterial Patches: Preventing Biofilm with Metal Complex Films (MCF) Derived from a Microalgal Polysaccharide (Adv. Mater. Interfaces 9/2016). <i>Advanced Materials Interfaces</i> , <b>2016</b> , 3,	4.6	1
90	Highly sensitive and specific detection of <i>E. coli</i> by a SERS nanobiosensor chip utilizing metallic nanosculptured thin films. <i>Analyst, The</i> , <b>2015</b> , 140, 3201-9	5	68

89	Microbial community structure and dynamics in a membrane bioreactor supplemented with the flame retardant dibromoneopentyl glycol. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 17615-17624	5.1	19
88	Use of Bamboo Powder Waste for Removal of Bisphenol A in Aqueous Solution. <i>Water, Air, and Soil Pollution</i> , <b>2015</b> , 226, 1	2.6	6
87	Metal-enhanced fluorescence from zinc substrates can lead to spectral distortion and a wavelength dependence. <i>Applied Physics Letters</i> , <b>2015</b> , 106, 081605	3.4	13
86	Hybrid multi-walled carbon nanotubes-alginate-polysulfone beads for adsorption of bisphenol-A from aqueous solution. <i>Desalination and Water Treatment</i> , <b>2015</b> , 54, 1167-1183		12
85	Changes in the bacterial community associated with black band disease in a Red Sea coral, <i>Favia</i> sp., in relation to disease phases. <i>Diseases of Aquatic Organisms</i> , <b>2015</b> , 116, 47-58	1.7	14
84	Methane-related changes in prokaryotes along geochemical profiles in sediments of Lake Kinneret (Israel). <i>Biogeosciences</i> , <b>2015</b> , 12, 2847-2860	4.6	17
83	Biodegradation of chloro- and bromobenzoic acids: effect of milieu conditions and microbial community analysis. <i>Journal of Hazardous Materials</i> , <b>2015</b> , 287, 24-31	12.8	5
82	Breakdown of coral colonial form under reduced pH conditions is initiated in polyps and mediated through apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 2082-6	11.5	54
81	Inosine at Different Primer Positions to Study Structure and Diversity of Prokaryotic Populations. <i>Current Issues in Molecular Biology</i> , <b>2015</b> , 17, 53-6	2.9	4
80	Richness and diversity in dust stormborne biomes at the southeast mediterranean. <i>Scientific Reports</i> , <b>2014</b> , 4, 5265	4.9	73
79	The possible role of cyanobacterial filaments in coral black band disease pathology. <i>Microbial Ecology</i> , <b>2014</b> , 67, 177-85	4.4	19
78	Sedimentation rapidly induces an immune response and depletes energy stores in a hard coral. <i>Coral Reefs</i> , <b>2014</b> , 33, 1067-1076	4.2	30
77	Toxicological effects of the sunscreen UV filter, benzophenone-2, on planulae and in vitro cells of the coral, <i>Stylophora pistillata</i> . <i>Ecotoxicology</i> , <b>2014</b> , 23, 175-91	2.9	63
76	Terrestrial runoff influences white syndrome prevalence in SW Madagascar. <i>Marine Environmental Research</i> , <b>2014</b> , 101, 44-51	3.3	18
75	Increased bioassay sensitivity of bioactive molecule discovery using metal-enhanced bioluminescence. <i>Journal of Nanoparticle Research</i> , <b>2014</b> , 16, 1	2.3	6
74	The basis for rootstock resilient to <i>Capnodis</i> species: screening for genes encoding $\beta$ -endotoxins from <i>Bacillus thuringiensis</i> . <i>Pest Management Science</i> , <b>2014</b> , 70, 1283-90	4.6	6
73	Multiple micro-predators controlling bacterial communities in the environment. <i>Current Opinion in Biotechnology</i> , <b>2014</b> , 27, 185-90	11.4	55
72	Bacterial consortium of <i>Millepora dichotoma</i> exhibiting unusual multifocal lesion event in the Gulf of Eilat, Red Sea. <i>Microbial Ecology</i> , <b>2013</b> , 65, 50-9	4.4	6

71	Coral-associated bacteria, quorum sensing disrupters, and the regulation of biofouling. <i>Biofouling</i> , <b>2013</b> , 29, 669-82	3.3	50
70	Application of a unique miniature MBR for screening the biodegradation of brominated flame retardants. <i>Desalination and Water Treatment</i> , <b>2013</b> , 51, 5909-5917		4
69	Diseases in coral aquaculture: causes, implications and preventions. <i>Aquaculture</i> , <b>2013</b> , 396-399, 124-135	4.4	47
68	Porous Graphene: Functional Free-Standing Graphene Honeycomb Films (Adv. Funct. Mater. 23/2013). <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 2971-2971	15.6	2
67	Functional Free-Standing Graphene Honeycomb Films. <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 2972-2972	15.6	99
66	Designed amphiphilic sheet peptides as templates for paraoxon adsorption and detection. <i>Langmuir</i> , <b>2013</b> , 29, 6840-8	4	8
65	Eilatimonas milleporae gen. nov., sp. nov., a marine bacterium isolated from the hydrocoral <i>Millepora dichotoma</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2013</b> , 63, 1880-1884	2.2	9
64	Heat-stress and light-stress induce different cellular pathologies in the symbiotic dinoflagellate during coral bleaching. <i>PLoS ONE</i> , <b>2013</b> , 8, e77173	3.7	64
63	Next-base effect on PCR amplification. <i>Environmental Microbiology Reports</i> , <b>2012</b> , 4, 183-8	3.7	5
62	Multi-resistance as a tool for detecting novel beta-lactam antibiotics in the environment. <i>Sensors and Actuators B: Chemical</i> , <b>2012</b> , 174, 342-348	8.5	12
61	Antibacterial activity of <i>Pseudoalteromonas</i> in the coral holobiont. <i>Microbial Ecology</i> , <b>2012</b> , 64, 851-9	4.4	44
60	Geographic specific coral-associated ammonia-oxidizing archaea in the northern Gulf of Eilat (Red Sea). <i>Microbial Ecology</i> , <b>2012</b> , 64, 18-24	4.4	15
59	Molecular diversity and specificity of acoel worms associated with corals in the Gulf of Eilat (Red Sea). <i>Aquatic Biology</i> , <b>2012</b> , 14, 277-281	2	6
58	Microbial Diseases of Corals: Pathology and Ecology <b>2011</b> , 451-464		16
57	Substitution by inosine at the 3' ultimate and penultimate positions of 16S rRNA gene universal primers. <i>Microbial Ecology</i> , <b>2011</b> , 61, 1-6	4.4	7
56	Characterization of quorum sensing signals in coral-associated bacteria. <i>Microbial Ecology</i> , <b>2011</b> , 61, 783-92	4.4	50
55	Bacteriophage ecology in environmental biotechnology processes. <i>Current Opinion in Biotechnology</i> , <b>2011</b> , 22, 449-55	11.4	39
54	Factors affecting biofilm formation and biofouling in membrane distillation of seawater. <i>Journal of Membrane Science</i> , <b>2011</b> , 376, 15-24	9.6	74

53	Stramenopile microorganisms associated with the massive coral <i>Favia</i> sp. <i>Journal of Eukaryotic Microbiology</i> , <b>2010</b> , 57, 236-44	3.6	17
52	Bacteriophage predation regulates microbial abundance and diversity in a full-scale bioreactor treating industrial wastewater. <i>ISME Journal</i> , <b>2010</b> , 4, 327-36	11.9	97
51	<i>Shewanella corallii</i> sp. nov., a marine bacterium isolated from a Red Sea coral. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2010</b> , 60, 2293-2297	2.2	12
50	Environmental impact of flame retardants (persistence and biodegradability). <i>International Journal of Environmental Research and Public Health</i> , <b>2009</b> , 6, 478-91	4.6	105
49	Conditioning film and initial biofilm formation on electrochemical CaCO <sub>3</sub> deposition on a metallic net in the marine environment. <i>Biofouling</i> , <b>2009</b> , 25, 675-83	3.3	6
48	Metal-enhanced bioluminescence: An approach for monitoring biological luminescent processes. <i>Applied Physics Letters</i> , <b>2009</b> , 94, 083901	3.4	21
47	Chromatin organization and radio resistance in the bacterium <i>Gemmata obscuriglobus</i> . <i>Journal of Bacteriology</i> , <b>2009</b> , 191, 1439-45	3.5	51
46	Symbiophagy as a cellular mechanism for coral bleaching. <i>Autophagy</i> , <b>2009</b> , 5, 211-6	10.2	74
45	Aerobic biodegradation of the brominated flame retardants, dibromoneopentyl glycol and tribromoneopentyl alcohol. <i>Biodegradation</i> , <b>2009</b> , 20, 621-7	4.1	13
44	The role of microorganisms in coral bleaching. <i>ISME Journal</i> , <b>2009</b> , 3, 139-46	11.9	88
43	Coral mucus-associated bacteria: a possible first line of defense. <i>FEMS Microbiology Ecology</i> , <b>2009</b> , 67, 371-80	4.3	225
42	An in situ method for cultivating microorganisms using a double encapsulation technique. <i>FEMS Microbiology Ecology</i> , <b>2009</b> , 68, 363-71	4.3	65
41	<i>Vibrio</i> sp. as a potentially important member of the Black Band Disease (BBD) consortium in <i>Favia</i> sp. corals. <i>FEMS Microbiology Ecology</i> , <b>2009</b> , 70, 515-24	4.3	44
40	Long-term surveillance of sulfate-reducing bacteria in highly saline industrial wastewater evaporation ponds. <i>Saline Systems</i> , <b>2009</b> , 5, 2		11
39	<i>Corynebacterium maris</i> sp. nov., a marine bacterium isolated from the mucus of the coral <i>Fungia granulosa</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2009</b> , 59, 2458-63	2.2	28
38	Biosensors for endocrine disruptors <b>2009</b> , 183-208		4
37	<i>Pseudoscillatoria corallii</i> gen. nov., sp. nov., a cyanobacterium associated with coral black band disease (BBD). <i>Diseases of Aquatic Organisms</i> , <b>2009</b> , 87, 91-6	1.7	41
36	Global distribution and diversity of coral-associated Archaea and their possible role in the coral holobiont nitrogen cycle. <i>Environmental Microbiology</i> , <b>2008</b> , 10, 2979-90	5.2	111

35	Amorphus coralli gen. nov., sp. nov., a marine bacterium isolated from coral mucus, belonging to the order Rhizobiales. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2008</b> , 58, 2704-9 <sup>2.2</sup>	10
34	Detection of sub-inhibitory antibiotic concentrations via luminescent sensing bacteria and prediction of their mode of action. <i>Sensors and Actuators B: Chemical</i> , <b>2008</b> , 129, 685-692	8.5 32
33	Influence of pH and ionic strength on transmission of plasmid DNA through ultrafiltration membranes. <i>Desalination</i> , <b>2008</b> , 227, 111-119	10.3 24
32	A new Thraustochytrid, strain Fng1, isolated from the surface mucus of the hermatypic coral <i>Fungia granulosa</i> . <i>FEMS Microbiology Ecology</i> , <b>2008</b> , 64, 378-87	4.3 34
31	Changes in microbial diversity in industrial wastewater evaporation ponds following artificial salination. <i>FEMS Microbiology Ecology</i> , <b>2008</b> , 66, 437-46	4.3 22
30	Characterization of black band disease in Red Sea stony corals. <i>Environmental Microbiology</i> , <b>2007</b> , 9, 1995-2006 <sup>106</sup>	
29	Conditioning film and initial biofilm formation on ceramics tiles in the marine environment. <i>FEMS Microbiology Letters</i> , <b>2007</b> , 274, 24-9	2.9 57
28	Quantification of sulfate-reducing bacteria in industrial wastewater, by real-time polymerase chain reaction (PCR) using <i>dsrA</i> and <i>apsA</i> genes. <i>Microbial Ecology</i> , <b>2007</b> , 54, 439-51	4.4 75
27	Biodegradation of dibromoneopentyl glycol by a bacterial consortium. <i>Chemosphere</i> , <b>2007</b> , 68, 958-64	8.4 8
26	Coral mucus-associated bacterial communities from natural and aquarium environments. <i>FEMS Microbiology Letters</i> , <b>2007</b> , 276, 106-13	2.9 90
25	Antimicrobial activity of Red Sea corals. <i>Marine Biology</i> , <b>2006</b> , 149, 357-363	2.5 74
24	Advantage of using inosine at the 3' termini of 16S rRNA gene universal primers for the study of microbial diversity. <i>Applied and Environmental Microbiology</i> , <b>2006</b> , 72, 6902-6	4.8 74
23	Biodegradability of tetrabromobisphenol A and tribromophenol by activated sludge. <i>Ecotoxicology</i> , <b>2006</b> , 15, 399-402	2.9 32
22	Identification of a protist-coral association and its possible ecological role. <i>Marine Ecology - Progress Series</i> , <b>2006</b> , 317, 67-73	2.6 32
21	Bacteria as a Source of Coral Nutrition <b>2004</b> , 231-241	11
20	<i>Vibrio shiloi</i> sp. nov., the causative agent of bleaching of the coral <i>Oculina patagonica</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2001</b> , 51, 1383-1388	2.2 185
19	Penetration of the coral-bleaching bacterium <i>Vibrio shiloi</i> into <i>Oculina patagonica</i> . <i>Applied and Environmental Microbiology</i> , <b>2000</b> , 66, 3031-6	4.8 98
18	Inhibition of photosynthesis and bleaching of zooxanthellae by the coral pathogen <i>Vibrio shiloi</i> . <i>Environmental Microbiology</i> , <b>1999</b> , 1, 223-9	5.2 95



17	Antimicrobial activity of a Red Sea soft coral, <i>Parerythropodium fulvum fulvum</i> : reproductive and developmental considerations. <i>Marine Ecology - Progress Series</i> , <b>1998</b> , 169, 87-95	2.6	45
16	Effect of temperature on bleaching of the coral <i>Oculina patagonica</i> by <i>Vibrio</i> AK-1. <i>Marine Ecology - Progress Series</i> , <b>1998</b> , 171, 131-137	2.6	98
15	Metamorphosis of <i>Heteroxenia fuscescens</i> planulae (Cnidaria: octocorallia) is inhibited by crude oil: a novel short term toxicity bioassay. <i>Marine Environmental Research</i> , <b>1997</b> , 43, 295-302	3.3	14
14	Bleaching of the coral <i>Oculina patagonica</i> by <i>Vibrio</i> AK-1. <i>Marine Ecology - Progress Series</i> , <b>1997</b> , 147, 159-165	2.6	144
13	Oil bioremediation using insoluble nitrogen source. <i>Journal of Biotechnology</i> , <b>1996</b> , 51, 273-8	3.7	34
12	Bacterial infection and coral bleaching. <i>Nature</i> , <b>1996</b> , 380, 396-396	50.4	232
11	Petroleum bioremediation is a multiphase problem <b>1992</b> , 213-226		
10	Petroleum bioremediation is a multiphase problem. <i>Biodegradation</i> , <b>1992</b> , 3, 337-350	4.1	129
9	Temperature Effects on the Basic Reproductive Number (R0) Of West Nile Virus, Based On Ecological Parameters: Endemic Vs. New Emergence Regions. <i>Journal of Tropical Diseases</i> , <b>1991</b> , 11, 1-10	0	3
8	Methane related changes in prokaryotic activity along geochemical profiles in sediments of Lake Kinneret (Israel)		1
7	Regressing SARS-CoV-2 sewage measurements onto COVID-19 burden in the population: a proof-of-concept for quantitative environmental surveillance		41
6	Tracking SARS-CoV-2 RNA through the wastewater treatment process		5
5	City-level SARS-CoV-2 sewage surveillance		1
4	SARS-CoV-2 variants of concern, Gamma (P.1) and Delta (B.1.617), sensitive detection and quantification in wastewater employing direct RT-qPCR		3
3	RT-qPCR assay for detection of British (B.1.1.7) and South Africa (B.1.351) variants of SARS-CoV-2		6
2	Vibriosis206-220		1
1	Self-Assembly of Adjustable Micropatterned Graphene Oxide and Reduced Graphene Oxide on Porous Polymeric Surfaces. <i>Advanced Materials Interfaces</i> , <b>2020</b> , 12, 2002429	4.6	0