

Patrick Videau

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	<i>Vibrio coralliilyticus</i> Strain OCN008 Is an Etiological Agent of Acute Montipora White Syndrome. <i>Applied and Environmental Microbiology</i> , 2014, 80, 2102-2109.	3.1	113
2	Assessment of <i>Anabaena</i> sp. Strain PCC 7120 as a Heterologous Expression Host for Cyanobacterial Natural Products: Production of Lyngbyatoxin A. <i>ACS Synthetic Biology</i> , 2016, 5, 978-988.	3.8	53
3	Depsipeptide Companeramides from a Panamanian Marine Cyanobacterium Associated with the Coibamide Producer. <i>Journal of Natural Products</i> , 2015, 78, 413-420.	3.0	49
4	The RGSGR amino acid motif of the intercellular signalling protein, HetN, is required for patterning of heterocysts in <i>Anabaena</i> sp. strain PCC 7120. <i>Molecular Microbiology</i> , 2012, 83, 682-693.	2.5	48
5	Mutation of the <i>toxR</i> or <i>mshA</i> genes from <i>Vibrio coralliilyticus</i> strain OCN014 reduces infection of the coral <i>Acropora cytherea</i> . <i>Environmental Microbiology</i> , 2016, 18, 4055-4067.	3.8	44
6	First Record of Black Band Disease in the Hawaiian Archipelago: Response, Outbreak Status, Virulence, and a Method of Treatment. <i>PLoS ONE</i> , 2015, 10, e0120853.	2.5	39
7	Ocean warming and acidification have complex interactive effects on the dynamics of a marine fungal disease. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20133069.	2.6	37
8	Expanding the Direct HetR Regulon in <i>Anabaena</i> sp. Strain PCC 7120. <i>Journal of Bacteriology</i> , 2014, 196, 1113-1121.	2.2	33
9	<i>Pseudoalteromonas piratica</i> strain OCN003 is a coral pathogen that causes a switch from chronic to acute Montipora white syndrome in <i>Montipora capitata</i> . <i>PLoS ONE</i> , 2017, 12, e0188319.	2.5	33
10	Comparison of the Bacterial Communities of Wild and Captive Sponge <i>Clathria prolifera</i> from the Chesapeake Bay. <i>Marine Biotechnology</i> , 2009, 11, 758-770.	2.4	32
11	Structures of complexes comprised of <i>Fischerella</i> transcription factor HetR with <i>Anabaena</i> DNA targets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E1716-23.	7.1	30
12	The heterocyst regulatory protein HetP and its homologs modulate heterocyst commitment in <i>Anabaena</i> sp. strain PCC 7120. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6984-E6992.	7.1	26
13	Mutation of <i>sepJ</i> reduces the intercellular signal range of a <i>hetN</i> -dependent paracrine signal, but not of a <i>patS</i> -dependent signal, in the filamentous cyanobacterium <i>Anabaena</i> sp. strain PCC 7120. <i>Molecular Microbiology</i> , 2014, 94, 1260-1271.	2.5	23
14	The <i>hetZ</i> gene indirectly regulates heterocyst development at the level of pattern formation in <i>Anabaena</i> sp. strain PCC 7120. <i>Molecular Microbiology</i> , 2018, 109, 91-104.	2.5	20
15	<i>Pseudoalteromonas piratica</i> sp. nov., a budding, prosthecate bacterium from diseased <i>Montipora capitata</i> , and emended description of the genus <i>Pseudoalteromonas</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 2683-2688.	1.7	20
16	ABC Transporter Required for Intercellular Transfer of Developmental Signals in a Heterocystous Cyanobacterium. <i>Journal of Bacteriology</i> , 2015, 197, 2685-2693.	2.2	18
17	Expanding the Natural Products Heterologous Expression Repertoire in the Model Cyanobacterium <i>Anabaena</i> sp. Strain PCC 7120: Production of Pendolmycin and Teleocidin B-4. <i>ACS Synthetic Biology</i> , 2020, 9, 63-75.	3.8	18
18	Jizanpeptins, Cyanobacterial Protease Inhibitors from a <i>Symploca</i> sp. Cyanobacterium Collected in the Red Sea. <i>Journal of Natural Products</i> , 2018, 81, 1417-1425.	3.0	17

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19	Complete Genome Sequence of <i>Vibrio coralliilyticus</i> Strain OCN014, Isolated from a Diseased Coral at Palmyra Atoll. <i>Genome Announcements</i> , 2014, 2, .	0.8	16
20	<i>Anabaena</i> sp. strain PCC 7120: Laboratory Maintenance, Cultivation, and Heterocyst Induction. <i>Current Protocols in Microbiology</i> , 2019, 52, e71.	6.5	15
21	Assessment and verification of commercially available pressure cookers for laboratory sterilization. <i>PLoS ONE</i> , 2018, 13, e0208769.	2.5	14
22	The response regulator Npun_F1278 is essential for scytonemin biosynthesis in the cyanobacterium <i>Nostoc punctiforme</i> ATCC 29133. <i>Journal of Phycology</i> , 2016, 52, 564-571.	2.3	13
23	Draft Genome Sequence of <i>Vibrio coralliilyticus</i> Strain OCN008, Isolated from Kāneohe Bay, Hawai'i. <i>Genome Announcements</i> , 2013, 1, .	0.8	12
24	Mutation of the murC and murB Genes Impairs Heterocyst Differentiation in <i>Anabaena</i> sp. Strain PCC 7120. <i>Journal of Bacteriology</i> , 2016, 198, 1196-1206.	2.2	12
25	Transcriptional dynamics of developmental genes assessed with an FMN-dependent fluorophore in mature heterocysts of <i>Anabaena</i> sp. strain PCC 7120. <i>Microbiology (United Kingdom)</i> , 2014, 160, 1874-1881.	1.8	11
26	Profiling Volatile Constituents of Homemade Preserved Foods Prepared in Early 1950s South Dakota (USA) Using Solid-Phase Microextraction (SPME) with Gas Chromatography–Mass Spectrometry (GC-MS) Determination. <i>Molecules</i> , 2019, 24, 660.	3.8	9
27	The influence of sigma factors and ribosomal recognition elements on heterologous expression of cyanobacterial gene clusters in <i>Escherichia coli</i> . <i>FEMS Microbiology Letters</i> , 2018, 365, .	1.8	8
28	Assessing the influence of curcumin in sex specific oxidative stress, survival, and behavior in <i>Drosophila melanogaster</i> . <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	8
29	ThetrpEGene Negatively Regulates Differentiation of Heterocysts at the Level of Induction in <i>Anabaena</i> sp. Strain PCC 7120. <i>Journal of Bacteriology</i> , 2015, 197, 362-370.	2.2	6
30	Plausible Emergence and Self Assembly of a Primitive Phospholipid from Reduced Phosphorus on the Primordial Earth. <i>Origins of Life and Evolution of Biospheres</i> , 2021, 51, 185-213.	1.9	6
31	Phenotypic Assessment Suggests Multiple Start Codons for HetN, an Inhibitor of Heterocyst Differentiation, in <i>Anabaena</i> sp. Strain PCC 7120. <i>Journal of Bacteriology</i> , 2018, 200, .	2.2	5
32	Assessment of Multiple Solvents for Extraction and Direct GC–MS Determination of the Phytochemical Inventory of <i>Sansevieria Extrafoliar Nectar Droplets</i> . <i>Journal of Chromatographic Science</i> , 2018, 56, 293-299.	1.4	4
33	Investigating the Kinetics of Montmorillonite Clay-Catalyzed Conversion of Anthracene to 9,10-Anthraquinone in the Context of Prebiotic Chemistry. <i>Origins of Life and Evolution of Biospheres</i> , 2018, 48, 321-330.	1.9	4
34	Draft Genome Sequence of <i>Vibrio</i> sp. Strain OCN044, Isolated from Palmyra Atoll, Northern Line Islands. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	4
35	Complete Genome Sequence of <i>Pseudoalteromonas</i> sp. Strain OCN003, Isolated from Kāneohe Bay, Oahu, Hawaii. <i>Genome Announcements</i> , 2015, 3, .	0.8	3
36	Assessment of disease lesion removal as a method to control chronic <i>Montipora</i> white syndrome. <i>Diseases of Aquatic Organisms</i> , 2017, 123, 173-179.	1.0	3

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37	Draft Genome Sequence of <i>Vibrio ostreicida</i> Strain PP-203, the Type Strain of a Pathogen That Infects Bivalve Larvae. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	2
38	Draft Genome Sequence of <i>Streptomyces</i> sp. Strain ventii, Isolated from a Microbial Mat near Hydrothermal Vents within the Axial Seamount in the Pacific Ocean, and Resequencing of the Type Strains <i>Streptomyces lonarensis</i> NCL 716 and <i>Streptomyces bohaisensis</i> 11A07. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	1
39	Planetary Minerals Catalyze Conversion of a Polycyclic Aromatic Hydrocarbon to a Prebiotic Quinone: Implications for Origins of Life. <i>Astrobiology</i> , 2022, 22, 197-209.	3.0	1
40	Comparison of <i>Vibrio coralliilyticus</i> virulence in Pacific oyster larvae and corals. <i>Microbiology (United Kingdom)</i> , 2022, 168, .	1.8	1
41	Draft Genome Sequence of <i>Aestuarius</i> <i>halophilus</i> Type Strain JC2043. <i>Microbiology Resource Announcements</i> , 2021, 10, e0109321.	0.6	1
42	Draft Genome Sequence of the <i>Planctobacterium marinum</i> Type Strain K7. <i>Microbiology Resource Announcements</i> , 2021, 10, e0107121.	0.6	1