

Spencer V Nyholm

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

2,149
citations

394421

19
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

2079
citing authors

#	ARTICLE	IF	CITATIONS
1	The winnowing: establishing the squid–vibrio symbiosis. <i>Nature Reviews Microbiology</i> , 2004, 2, 632-642.	28.6	689
2	Knowing your friends: invertebrate innate immunity fosters beneficial bacterial symbioses. <i>Nature Reviews Microbiology</i> , 2012, 10, 815-827.	28.6	186
3	Transcriptional patterns in both host and bacterium underlie a daily rhythm of anatomical and metabolic change in a beneficial symbiosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 2259-2264.	7.1	149
4	Recognition between symbiotic <i>Vibrio fischeri</i> and the haemocytes of <i>Euprymna scolopes</i> . <i>Environmental Microbiology</i> , 2009, 11, 483-493.	3.8	124
5	Symbiotic organs shaped by distinct modes of genome evolution in cephalopods. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3030-3035.	7.1	123
6	Roles of <i>Vibrio fischeri</i> and Nonsymbiotic Bacteria in the Dynamics of Mucus Secretion during Symbiont Colonization of the <i>Euprymna scolopes</i> Light Organ. <i>Applied and Environmental Microbiology</i> , 2002, 68, 5113-5122.	3.1	112
7	The role of the immune system in the initiation and persistence of the <i>Euprymna scolopes</i> – <i>Vibrio fischeri</i> symbiosis. <i>Seminars in Immunology</i> , 2010, 22, 48-53.	5.6	89
8	A lasting symbiosis: how the Hawaiian bobtail squid finds and keeps its bioluminescent bacterial partner. <i>Nature Reviews Microbiology</i> , 2021, 19, 666-679.	28.6	72
9	<i>Leisingera</i> sp. JC1, a Bacterial Isolate from Hawaiian Bobtail Squid Eggs, Produces Indigoidine and Differentially Inhibits Vibrios. <i>Frontiers in Microbiology</i> , 2016, 7, 1342.	3.5	70
10	Diversity and Partitioning of Bacterial Populations within the Accessory Nidamental Gland of the Squid <i>Euprymna scolopes</i> . <i>Applied and Environmental Microbiology</i> , 2012, 78, 4200-4208.	3.1	65
11	Understanding the Role of Host Hemocytes in a Squid/ <i>Vibrio</i> Symbiosis Using Transcriptomics and Proteomics. <i>Frontiers in Immunology</i> , 2012, 3, 91.	4.8	56
12	Characterizing the Host and Symbiont Proteomes in the Association between the Bobtail Squid, <i>Euprymna scolopes</i> , and the Bacterium, <i>Vibrio fischeri</i> . <i>PLoS ONE</i> , 2011, 6, e25649.	2.5	44
13	In the beginning: egg–microbe interactions and consequences for animal hosts. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190593.	4.0	40
14	Symbiotic bacteria associated with a bobtail squid reproductive system are detectable in the environment, and stable in the host and developing eggs. <i>Environmental Microbiology</i> , 2017, 19, 1463-1475.	3.8	38
15	Comparative genomics of <i>Roseobacter</i> clade bacteria isolated from the accessory nidamental gland of <i>Euprymna scolopes</i> . <i>Frontiers in Microbiology</i> , 2015, 6, 123.	3.5	37
16	Colonization State Influences the Hemocyte Proteome in a Beneficial Squid– <i>Vibrio</i> Symbiosis. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 2673-2686.	3.8	32
17	Ambient pH Alters the Protein Content of Outer Membrane Vesicles, Driving Host Development in a Beneficial Symbiosis. <i>Journal of Bacteriology</i> , 2019, 201, .	2.2	31
18	Shielding the Next Generation: Symbiotic Bacteria from a Reproductive Organ Protect Bobtail Squid Eggs from Fungal Fouling. <i>MBio</i> , 2019, 10, .	4.1	30

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19	Coupling Metabolite Flux to Transcriptomics: Insights Into the Molecular Mechanisms Underlying Primary Productivity by the Hydrothermal Vent Tubeworm <i>Ridgeia piscesae</i> . <i>Biological Bulletin</i> , 2008, 214, 255-265.	1.8	23
20	The Role of Hemocytes in the Hawaiian Bobtail Squid, <i>Euprymna scolopes</i> : A Model Organism for Studying Beneficial Host-Microbe Interactions. <i>Frontiers in Microbiology</i> , 2016, 7, 2013.	3.5	23
21	Diverse deep-sea anglerfishes share a genetically reduced luminous symbiont that is acquired from the environment. <i>ELife</i> , 2019, 8, .	6.0	23
22	Emergence of novel cephalopod gene regulation and expression through large-scale genome reorganization. <i>Nature Communications</i> , 2022, 13, 2172.	12.8	21
23	Expression and Putative Function of Innate Immunity Genes under in situ Conditions in the Symbiotic Hydrothermal Vent Tubeworm <i>Ridgeia piscesae</i> . <i>PLoS ONE</i> , 2012, 7, e38267.	2.5	19
24	Hawaiian Bobtail Squid Symbionts Inhibit Marine Bacteria via Production of Specialized Metabolites, Including New Bromoalterochromides BAC-D/D ² . <i>MSphere</i> , 2020, 5, .	2.9	18
25	Draft Genome of <i>Phaeobacter gallaeciensis</i> ANG1, a Dominant Member of the Accessory Nidamental Gland of <i>Euprymna scolopes</i> . <i>Journal of Bacteriology</i> , 2011, 193, 3397-3398.	2.2	12
26	Reproductive System Symbiotic Bacteria Are Conserved between Two Distinct Populations of <i>Euprymna scolopes</i> from Oahu, Hawaii. <i>MSphere</i> , 2018, 3, .	2.9	12
27	Persistent symbiont colonization leads to a maturation of hemocyte response in the <i>Euprymna scolopes</i> / <i>Vibrio fischeri</i> symbiosis. <i>MicrobiologyOpen</i> , 2019, 8, e858.	3.0	9