Spencer V Nyholm

List of Publications by Year
in descending order

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	Emergence of novel cephalopod gene regulation and expression through large-scale genome reorganization. Nature Communications, 2022, 13, 2172.	12.8	21
2	A lasting symbiosis: how the Hawaiian bobtail squid finds and keeps its bioluminescent bacterial partner. Nature Reviews Microbiology, 2021, 19, 666-679.	28.6	72
3	Hawaiian Bobtail Squid Symbionts Inhibit Marine Bacteria via Production of Specialized Metabolites, Including New Bromoalterochromides BAC-D/Dâ€². MSphere, 2020, 5, .	2.9	18
4	In the beginning: eggâ€“microbe interactions and consequences for animal hosts. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190593.	4.0	40
5	Ambient pH Alters the Protein Content of Outer Membrane Vesicles, Driving Host Development in a Beneficial Symbiosis. Journal of Bacteriology, 2019, 201, .	2.2	31
6	Symbiotic organs shaped by distinct modes of genome evolution in cephalopods. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3030-3035.	7.1	123
7	Persistent symbiont colonization leads to a maturation of hemocyte response in the Euprymna scolopes/Vibrio fischeri symbiosis. MicrobiologyOpen, 2019, 8, e858.	3.0	9
8	Shielding the Next Generation: Symbiotic Bacteria from a Reproductive Organ Protect Bobtail Squid Eggs from Fungal Fouling. MBio, 2019, 10, .	4.1	30
9	Diverse deep-sea anglerfishes share a genetically reduced luminous symbiont that is acquired from the environment. ELife, 2019, 8, .	6.0	23
10	Reproductive System Symbiotic Bacteria Are Conserved between Two Distinct Populations of Euprymna scolopes from Oahu, Hawaii. MSphere, 2018, 3, .	2.9	12
11	Symbiotic bacteria associated with a bobtail squid reproductive system are detectable in the environment, and stable in the host and developing eggs. Environmental Microbiology, 2017, 19, 1463-1475.	3.8	38
12	Leisingera sp. JC1, a Bacterial Isolate from Hawaiian Bobtail Squid Eggs, Produces Indigoidine and Differentially Inhibits Vibrios. Frontiers in Microbiology, 2016, 7, 1342.	3.5	70
13	The Role of Hemocytes in the Hawaiian Bobtail Squid, Euprymna scolopes: A Model Organism for Studying Beneficial Hostâ€“Microbe Interactions. Frontiers in Microbiology, 2016, 7, 2013.	3.5	23
14	Comparative genomics of Roseobacter clade bacteria isolated from the accessory nidamental gland of Euprymna scolopes. Frontiers in Microbiology, 2015, 6, 123.	3.5	37
15	Colonization State Influences the Hemocyte Proteome in a Beneficial Squidâ€“Vibrio Symbiosis. Molecular and Cellular Proteomics, 2014, 13, 2673-2686.	3.8	32
16	Understanding the Role of Host Hemocytes in a Squid/Vibrio Symbiosis Using Transcriptomics and Proteomics. Frontiers in Immunology, 2012, 3, 91.	4.8	56
17	Diversity and Partitioning of Bacterial Populations within the Accessory Nidamental Gland of the Squid Euprymna scolopes. Applied and Environmental Microbiology, 2012, 78, 4200-4208.	3.1	65
18	Knowing your friends: invertebrate innate immunity fosters beneficial bacterial symbioses. Nature Reviews Microbiology, 2012, 10, 815-827.	28.6	186

#	Article	IF	Citations
19	Expression and Putative Function of Innate Immunity Genes under in situ Conditions in the Symbiotic Hydrothermal Vent Tubeworm Ridgeia piscesae. PLoS ONE, 2012, 7, e38267.	2.5	19
20	Characterizing the Host and Symbiont Proteomes in the Association between the Bobtail Squid, Euprymna scolopes, and the Bacterium, Vibrio fischeri. PLoS ONE, 2011, 6, e25649.	2.5	44
21	Draft Genome of Phaeobacter gallaeciensis ANG1, a Dominant Member of the Accessory Nidamental Gland of Euprymna scolopes. Journal of Bacteriology, 2011, 193, 3397-3398.	2.2	12
22	Transcriptional patterns in both host and bacterium underlie a daily rhythm of anatomical and metabolic change in a beneficial symbiosis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 2259-2264.	7.1	149
23	The role of the immune system in the initiation and persistence of the Euprymna scolopesâ€“Vibrio fischeri symbiosis. Seminars in Immunology, 2010, 22, 48-53.	5.6	89
24	Recognition between symbiotic Vibrio fischeri and the haemocytes of Euprymna scolopes. Environmental Microbiology, 2009, 11, 483-493.	3.8	124
25	Coupling Metabolite Flux to Transcriptomics: Insights Into the Molecular Mechanisms Underlying Primary Productivity by the Hydrothermal Vent TubewormRidgeia piscesae. Biological Bulletin, 2008, 214, 255-265.	1.8	23
26	The winnowing: establishing the squidâ€“vibrio symbiosis. Nature Reviews Microbiology, 2004, 2, 632-642.	28.6	689
27	Roles of Vibrio fischeri and Nonsymbiotic Bacteria in the Dynamics of Mucus Secretion during Symbiont Colonization of the Euprymna scolopes Light Organ. Applied and Environmental Microbiology, 2002, 68, 5113-5122.	3.1	112