

Rosanna A Alegado

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,292
citations

567281

15
h-index

713466

21
g-index

27
all docs

27
docs citations

27
times ranked

1753
citing authors

#	ARTICLE	IF	CITATIONS
1	A bacterial sulfonolipid triggers multicellular development in the closest living relatives of animals. <i>ELife</i> , 2012, 1, e00013.	6.0	224
2	Cell differentiation and morphogenesis in the colony-forming choanoflagellate <i>Salpingoeca rosetta</i> . <i>Developmental Biology</i> , 2011, 357, 73-82.	2.0	216
3	Distinctly altered gut microbiota in the progression of liver disease. <i>Oncotarget</i> , 2016, 7, 19355-19366.	1.8	180
4	Characterization of mediators of microbial virulence and innate immunity using the <i>Caenorhabditis elegans</i> host-pathogen model. <i>Cellular Microbiology</i> , 2003, 5, 435-444.	2.1	105
5	Resistance to antimicrobial peptides contributes to persistence of <i>Salmonella typhimurium</i> in the <i>C.Ælegans</i> intestine. <i>Cellular Microbiology</i> , 2008, 10, 1259-1273.	2.1	73
6	Sex-dependent effects on gut microbiota regulate hepatic carcinogenic outcomes. <i>Scientific Reports</i> , 2017, 7, 45232.	3.3	71
7	Spheres of Hope, Packets of Doom: the Good and Bad of Outer Membrane Vesicles in Interspecies and Ecological Dynamics. <i>Journal of Bacteriology</i> , 2017, 199, .	2.2	69
8	Bacterial Influences on Animal Origins. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a016162-a016162.	5.5	50
9	<i>Algoriphagus machipongonensis</i> sp. nov., co-isolated with a colonial choanoflagellate. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 163-168.	1.7	43
10	Ecomimicry in Indigenous resource management: optimizing ecosystem services to achieve resource abundance, with examples from Hawaiiʻi. <i>Ecology and Society</i> , 2020, 25, .	2.3	39
11	Synthesis of the Rosette-Inducing Factor RIF-1 and Analogs. <i>Journal of the American Chemical Society</i> , 2014, 136, 10210-10213.	13.7	38
12	The two-component sensor kinase KdpD is required for <i>Salmonella typhimurium</i> colonization of <i>Caenorhabditis elegans</i> and survival in macrophages. <i>Cellular Microbiology</i> , 2011, 13, 1618-1637.	2.1	33
13	Complete Genome Sequence of <i>Algoriphagus</i> sp. PR1, Bacterial Prey of a Colony-Forming Choanoflagellate. <i>Journal of Bacteriology</i> , 2011, 193, 1485-1486.	2.2	26
14	Assessment of Terrigenous Nutrient Loading to Coastal Ecosystems along a Human Land-Use Gradient, Tutuila, American Samoa. <i>Hydrology</i> , 2019, 6, 18.	3.0	19
15	Collaborative research to inform adaptive comanagement: a framework for the Heʻeia National Estuarine Research Reserve. <i>Ecology and Society</i> , 2020, 25, .	2.3	17
16	Response of diatomʻassociated bacteria to host growth state, nutrient concentrations, and viral host infection in a model system. <i>Environmental Microbiology Reports</i> , 2016, 8, 917-927.	2.4	15
17	Bacterial lipopolysaccharide induces settlement and metamorphosis in a marine larva. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2200795119.	7.1	15
18	Detection of horizontal gene transfer in the genome of the choanoflagellate <i>Salpingoeca rosetta</i> . <i>Scientific Reports</i> , 2021, 11, 5993.	3.3	14

#	ARTICLE	IF	CITATIONS
19	Kā Hou Kuapā Cultural Restoration Improves Water Budget and Water Quality Dynamics in Heʻeia Fishpond. Sustainability, 2019, 11, 161.	3.2	13
20	Large-scale climatic effects on traditional Hawaiian fishpond aquaculture. PLoS ONE, 2017, 12, e0187951.	2.5	11
21	Opponents of the Thirty Meter Telescope fight the process, not science. Nature, 2019, 572, 7-7.	27.8	10
22	Synergy among Microbiota and Their Hosts: Leveraging the Hawaiian Archipelago and Local Collaborative Networks To Address Pressing Questions in Microbiome Research. MSystems, 2018, 3, .	3.8	0
23	Introduced Mangroves along the Coast of Molokaʻi, Hawaiʻi may Represent Novel Habitats for Megafaunal Communities. Pacific Science, 2021, 75, .	0.6	0