

Eric J Schott

List of Publications by Year in descending order

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35
papers

1,052
citations

516710

16
h-index

414414

32
g-index

36
all docs

36
docs citations

36
times ranked

981
citing authors

#	ARTICLE	IF	CITATIONS
1	Aluminum Induces Oxidative Stress Genes in <i>Arabidopsis thaliana</i> . <i>Plant Physiology</i> , 1998, 116, 409-418.	4.8	342
2	The Alveolate <i>Perkinsus marinus</i> : Biological Insights from EST Gene Discovery. <i>BMC Genomics</i> , 2010, 11, 228.	2.8	92
3	The Chesapeake Bay Blue Crab (<i>Callinectes sapidus</i>): A Multidisciplinary Approach to Responsible Stock Replenishment. <i>Reviews in Fisheries Science</i> , 2008, 16, 24-34.	2.1	64
4	The protistan parasite <i>Perkinsus marinus</i> is resistant to selected reactive oxygen species. <i>Experimental Parasitology</i> , 2003, 105, 232-240.	1.2	52
5	Gene organization and homology modeling of two iron superoxide dismutases of the early branching protist <i>Perkinsus marinus</i> . <i>Gene</i> , 2003, 309, 1-9.	2.2	52
6	Superoxide dismutases from the oyster parasite <i>Perkinsus marinus</i> : purification, biochemical characterization, and development of a plate microassay for activity. <i>Analytical Biochemistry</i> , 2003, 318, 132-141.	2.4	49
7	Structures of PmSOD1 and PmSOD2, two superoxide dismutases from the protozoan parasite <i>Perkinsus marinus</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006, 62, 1072-1075.	0.7	38
8	The PmSOD1 gene of the protistan parasite <i>Perkinsus marinus</i> complements the <i>sod2^Δ</i> mutant of <i>Saccharomyces cerevisiae</i> , and directs an iron superoxide dismutase to mitochondria. <i>Molecular and Biochemical Parasitology</i> , 2003, 126, 81-92.	1.1	35
9	Physicochemical properties of double-stranded RNA used to discover a reo-like virus from blue crab <i>Callinectes sapidus</i> . <i>Diseases of Aquatic Organisms</i> , 2010, 93, 17-29.	1.0	35
10	Assessment of the Northern Distribution Range of Selected <i>Perkinsus</i> Species in Eastern Oysters (<i>Crassostrea virginica</i>) and Hard Clams (<i>Mercenaria mercenaria</i>) with the Use of PCR-Based Detection Assays. <i>Journal of Parasitology</i> , 2008, 94, 410-422.	0.7	33
11	PCR-based prevalence of a fatal reovirus of the blue crab, <i>Callinectes sapidus</i> (<i>Callinectes sapidus</i>) along the northern Atlantic coast of the USA. <i>Journal of Fish Diseases</i> , 2016, 39, 705-714.	1.9	23
12	<i>Perkinsus marinus</i> superoxide dismutase 2 (PmSOD2) localizes to single-membrane subcellular compartments. <i>Biochemical and Biophysical Research Communications</i> , 2008, 375, 215-219.	2.1	22
13	Isolation and Evaluation of New Probiotic Bacteria for use in Shellfish Hatcheries: II. Effects of a <i>Vibrio</i> sp. Probiotic Candidate Upon Survival of Oyster Larvae (<i>Crassostrea virginica</i>) in Pilot-Scale Trials. <i>Journal of Shellfish Research</i> , 2011, 30, 617-625.	0.9	21
14	Effects of road salt on microbial communities: Halophiles as biomarkers of road salt pollution. <i>PLoS ONE</i> , 2019, 14, e0221355.	2.5	20
15	Variation in spatial and temporal incidence of the crustacean pathogen <i>Hematodinium perezii</i> in environmental samples from Atlantic Coastal Bays. <i>Aquatic Biosystems</i> , 2013, 9, 11.	1.8	19
16	Genome Sequence Analysis of CsRV1: A Pathogenic Reovirus that Infects the Blue Crab <i>Callinectes sapidus</i> Across Its Trans-Hemispheric Range. <i>Frontiers in Microbiology</i> , 2016, 7, 126.	3.5	19
17	Investigating risk factors for mortality and reovirus infection in aquaculture production of soft-shell blue crabs (<i>Callinectes sapidus</i>). <i>Aquaculture</i> , 2019, 502, 289-295.	3.5	16
18	Prevalence of the pathogenic crustacean virus <i>Callinectes sapidus</i> reovirus 1 near flow-through blue crab aquaculture in Chesapeake Bay, USA. <i>Diseases of Aquatic Organisms</i> , 2018, 129, 135-144.	1.0	15

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19	Investigating physiological, cellular and molecular effects in juvenile blue crab, <i>Callinectes sapidus</i> , exposed to field-collected sediments contaminated by oil from the Deepwater Horizon Incident. <i>Science of the Total Environment</i> , 2015, 532, 528-539.	8.0	14
20	Hatchery crashes among shellfish research hatcheries along the Atlantic coast of the United States: A case study of production analysis at Horn Point Laboratory. <i>Aquaculture</i> , 2022, 546, 737259.	3.5	14
21	Disease, parasite, and commensal prevalences for blue crab <i>Callinectes sapidus</i> at shedding facilities in Louisiana, USA. <i>Diseases of Aquatic Organisms</i> , 2015, 112, 207-217.	1.0	13
22	Diversity and classification of reoviruses in crustaceans: A proposal. <i>Journal of Invertebrate Pathology</i> , 2021, 182, 107568.	3.2	13
23	Temperature correlates with annual changes in <i>Hematodinium perezii</i> prevalence in blue crab <i>Callinectes sapidus</i> in Florida, USA. <i>Diseases of Aquatic Organisms</i> , 2015, 113, 235-243.	1.0	11
24	Does a blue crab putative insulin-like peptide binding protein (ILPBP) play a role in a virus infection?. <i>Fish and Shellfish Immunology</i> , 2016, 58, 340-348.	3.6	9
25	Lacking catalase, a protistan parasite draws on its photosynthetic ancestry to complete an antioxidant repertoire with ascorbate peroxidase. <i>BMC Evolutionary Biology</i> , 2019, 19, 146.	3.2	9
26	Characterization of Two Novel Toti-Like Viruses Co-infecting the Atlantic Blue Crab, <i>Callinectes sapidus</i> , in Its Northern Range of the United States. <i>Frontiers in Microbiology</i> , 2022, 13, 855750.	3.5	5
27	Susceptibility of <i>Crassostrea ariakensis</i> (Fujita 1913) to <i>Bonamia</i> and <i>Perkinsus</i> spp. Infections: Potential for Disease Transmission Between Oyster Species. <i>Journal of Shellfish Research</i> , 2008, 27, 541-549.	0.9	4
28	Near-Complete Sequence of a Highly Divergent Reovirus Genome Recovered from <i>Callinectes sapidus</i> . <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	4
29	High prevalence of CsRV2 in cultured <i>Callinectes danae</i> : Potential impacts on soft-shell crab production in Brazil. <i>Journal of Invertebrate Pathology</i> , 2022, 190, 107739.	3.2	3
30	Rapid Genetic Identification of the Blue Crab <i>Callinectes sapidus</i> and Other <i>Callinectes</i> spp. Using Restriction Enzyme Digestion and High Resolution Melt (HRM) Assays. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	2
31	Food web restructuring across an urban estuarine gradient. <i>Ambio</i> , 2021, , 1.	5.5	2
32	Draft Genome Sequence of the Oyster Larval Probiotic Bacterium <i>Vibrio</i> sp. Strain OY15. <i>Genome Announcements</i> , 2014, 2, .	0.8	1
33	Effects of Infectious Diseases on Population Dynamics of Marine Organisms in Chesapeake Bay. <i>Estuaries and Coasts</i> , 2021, 44, 2334-2349.	2.2	1
34	Application of Molecular Tools for the Survey of Bacterial Pathogens Associated with <i>Crassostrea virginica</i> (Gmelin 1791) and <i>Crassostrea ariakensis</i> (Fujita 1913). <i>Journal of Shellfish Research</i> , 2008, 27, 551-558.	0.9	0
35	Draft Genome Sequence of the Shellfish Bacterial Pathogen <i>Vibrio</i> sp. Strain B183. <i>Genome Announcements</i> , 2014, 2, .	0.8	0