Michael Zuykov

List of Publications by Year
in descending order

17 papers	373 citations	1163117 8 h-index	940533 16 g-index
17 all docs	17 docs citations	17 times ranked	696 citing authors

#	Article	IF	Citations
1	Bivalve mollusks in metal pollution studies: From bioaccumulation to biomonitoring. Chemosphere, 2013, 93, 201-208.	8.2	196
2	Colloidal complexed silver and silver nanoparticles in extrapallial fluid of Mytilus edulis. Marine Environmental Research, 2011, 71, 17-21.	2.5	59
3	Alteration of shell nacre micromorphology in blue mussel Mytilus edulis after exposure to free-ionic silver and silver nanoparticles. Chemosphere, 2011, 84, 701-706.	8.2	23
4	First record of the green microalgae Coccomyxa sp. in blue mussel Mytilus edulis (L.) from the Lower St. Lawrence Estuary (QuÃ©bec, Canada). Journal of Invertebrate Pathology, 2014, 120, 23-32.	3.2	18
5	Biosorption of thorium on the external shell surface of bivalve mollusks: The role of shell surface microtopography. Chemosphere, 2012, 86, 680-683.	8.2	14
6	New insight into light-enhanced calcification in mytilid mussels, Mytilus sp., infected with photosynthetic algae Coccomyxa sp.: Î´13C value and metabolic carbon record in shells. Journal of Experimental Marine Biology and Ecology, 2019, 520, 151211.	1.5	14
7	Autoradiographic study on the distribution of 241Am in the shell of the freshwater zebra mussel Dreissena polymorpha. Mikrochimica Acta, 2009, 167, 173-178.	5.0	10
8	Does photosynthesis provoke formation of shell deformity in wild mytilid mussels infested with green microalgae Coccomyxa? â€“ A conceptual model and research agenda. Journal of Experimental Marine Biology and Ecology, 2018, 505, 9-11.	1.5	10
9	Mytilus trossulus and hybrid (M. edulis-M. trossulus) â€“ New hosts organisms for pathogenic microalgae Coccomyxa sp. from the Estuary and northwestern Gulf of St. Lawrence, Canada. Journal of Invertebrate Pathology, 2018, 153, 145-146.	3.2	8
10	Does radioactive contamination affect the shell morphology of the pond snail Lymnaea stagnalis in the exclusion zone of the Chernobyl NPP (Ukraine)?. The Environmentalist, 2011, 31, 369-375.	0.7	6
11	Shell deformity as a marker for retrospective detection of a pathogenic unicellular alga, Coccomyxa sp., in mytilid mussels: A first case study and research agenda. Journal of Invertebrate Pathology, 2020, 169, 107311.	3.2	4
12	Practical advice on monitoring of U and Pu with marine bivalve mollusks near the Fukushima Daiichi Nuclear Power Plant. Marine Pollution Bulletin, 2020, 151, 110860.	5.0	3
13	SEM observation of structural (non-mineralogical) alteration inside the previously crystallized nacreous layer of Crenomytilus grayanus (Bivalvia: Mytilidae). Micron, 2013, 44, 479-482.	2.2	2
14	First report of signs of infection by Coccomyxa â€‰like algae in wild blue mussels, Mytilus spp., in the Gulf of Maine (USA, Maine). Journal of Fish Diseases, 2020, 43, 775-778.	1.9	2
15	Pre-exposure to Cu2+ and CuO NPs leads to infection of caged blue mussels, Mytilus edulis L., by pathogenic microalga: Pilot study in the Lower St. Lawrence Estuary (QuÃ©bec, Canada). Marine Pollution Bulletin, 2021, 166, 112180.	5.0	2
16	New three-way symbiosis: an eukaryotic alga, a blue mussel, and an endolithic cyanobacteria. Symbiosis, 2021, 84, 163-169.	2.3	2
17	Periostracum of bivalve mollusk shells for sampling engineered metal nanoparticles: A case study of silver-based nanoparticles in Canada's experimental lake. Chemosphere, 2022, 303, 134912.	8.2	0