

Michael Zuykov

List of Publications by Year in descending order

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