

Viacheslav V Krylov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Magnetic Fluctuations Entrain the Circadian Rhythm of Locomotor Activity in Zebrafish: Can Cryptochrome Be Involved?. <i>Biology</i> , 2022, 11, 591.	2.8	5
2	Circadian rhythms in zebrafish (<i>Danio rerio</i>) behaviour and the sources of their variability. <i>Biological Reviews</i> , 2021, 96, 785-797.	10.4	36
3	Delayed consequences of the influence of hypomagnetic field on roach (<i>Rutilus rutilus</i>) embryos. <i>Marine and Freshwater Research</i> , 2021, 72, 1125.	1.3	1
4	Influence of Geomagnetic Disturbances at Different Times of Day on Locomotor Activity in Zebrafish (<i>Danio Rerio</i>). <i>Clocks & Sleep</i> , 2021, 3, 624-632.	2.0	2
5	The Influence of Slow Magnetic Fluctuations and Lighting Modes on Morphobiological Parameters in <i>Daphnia magna</i> Straus. <i>Inland Water Biology</i> , 2020, 13, 193-197.	0.8	1
6	Cardiovascular Performance Measurement in Water Fleas by Utilizing High-Speed Videography and ImageJ Software and Its Application for Pesticide Toxicity Assessment. <i>Animals</i> , 2020, 10, 1587.	2.3	15
7	The Influence of Changes in Magnetic Variations and Light“Dark Cycle on Life“History Traits of <i>Daphnia magna</i> . <i>Bioelectromagnetics</i> , 2020, 41, 338-347.	1.6	3
8	Delayed consequences of the influence of simulated geomagnetic storms on roach <i>Rutilus rutilus</i> embryos. <i>Journal of Fish Biology</i> , 2019, 95, 1422-1429.	1.6	4
9	A simulated geomagnetic storm unsynchronizes with diurnal geomagnetic variation affecting calpain activity in roach and great pond snail. <i>International Journal of Biometeorology</i> , 2019, 63, 241-246.	3.0	12
10	The response of <i>Daphnia magna</i> Straus to long-term exposure to simulated geomagnetic storms. <i>Life Sciences in Space Research</i> , 2019, 21, 83-88.	2.3	7
11	Sensitivity of Digestive Glycosidases to Heavy Metals in Roach <i>Rutilus rutilus</i> (L.) Yearlings: The Consequences of Hypogeomagnetic Conditions During Early Ontogenesis. <i>Inland Water Biology</i> , 2019, 12, 104-108.	0.8	3
12	Effect of a Shift in Diurnal Geomagnetic Variation on the Activity and Sensitivity of Digestive Glycosidases in Roach Underyearlings to Heavy Metals. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2019, 55, 1623-1628.	0.9	3
13	Geomagnetic Storm Effects on the Calpain Family Calcium-Dependent Proteases of Some Invertebrate and Fish Species. <i>Russian Journal of Bioorganic Chemistry</i> , 2018, 44, 73-79.	1.0	1
14	Delayed effect of geomagnetic storm simulation on size, mass and activity of digestive glycosidases in roach (<i>Rutilus rutilus</i> Linnaeus, 1758) underyearlings. <i>Journal of Applied Ichthyology</i> , 2017, 33, 291-299.	0.7	4
15	Biological effects related to geomagnetic activity and possible mechanisms. <i>Bioelectromagnetics</i> , 2017, 38, 497-510.	1.6	37
16	The impact of hypomagnetic conditions and light deprivation on mitosis of germ cells and body length of prelarvae in roach (<i>Rutilus rutilus</i> L.). <i>Inland Water Biology</i> , 2017, 10, 243-245.	0.8	4
17	Influence of hypomagnetic conditions on the activities of glycosidases and kinetic characteristics of carbohydrate hydrolysis in juvenile roach, <i>Rutilus rutilus</i> . <i>Journal of Ichthyology</i> , 2017, 57, 768-772.	0.5	3
18	Effects of Hypomagnetic Conditions and Reversed Geomagnetic Field on Calcium-Dependent Proteases of Invertebrates and Fish. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2017, 53, 719-723.	0.9	14

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19	The effect of a temporal shift in diurnal geomagnetic variation on roach <i>Rutilus rutilus</i> L. embryos: A comparison with effects of simulated geomagnetic storms. <i>Biophysics (Russian Federation)</i> , 2017, 62, 675-681.	0.7	9
20	Exploratory behavior of juvenile roach <i>Rutilus rutilus</i> (L.) (Teleostei: Cyprinidae) in a maze after different magnetic impacts on embryos. <i>Inland Water Biology</i> , 2016, 9, 306-309.	0.8	4
21	Influence of magnetic field on the spatial orientation in zebrafish (<i>Danio rerio</i>) (Cyprinidae) and Roach (<i>Rutilus rutilus</i>) (Cyprinidae). <i>Journal of Ichthyology</i> , 2016, 56, 456-461.	0.5	7
22	Some morphological features of fry of roach <i>Rutilus rutilus</i> (Cyprinidae, Cypriniformes) after separate and combined exposure of embryos to magnetic field and elevated temperature. <i>Journal of Ichthyology</i> , 2016, 56, 445-455.	0.5	3
23	Delayed consequences of extremely low-frequency magnetic fields and the influence of adverse environmental conditions on roach <i>Rutilus rutilus</i> embryos. <i>Journal of Fish Biology</i> , 2016, 88, 1283-1300.	1.6	13
24	Influence of magnetic field on zebrafish activity and orientation in a plus maze. <i>Behavioural Processes</i> , 2016, 122, 80-86.	1.1	35
25	Oriental behavior of animals with the geomagnetic field and mechanisms of magnetoreception. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2015, 51, 752-765.	0.9	5
26	Effect of magnetic storm on the sensitivity of juvenile roach intestinal glycosidase to heavy metals (Cu, Zn) and the herbicide roundup. <i>Inland Water Biology</i> , 2015, 8, 417-420.	0.8	6
27	The effect of magnetic fields on the activity of proteinases and glycosidases in the intestine of the crucian carp <i>Carassius carassius</i> . <i>Biology Bulletin</i> , 2015, 42, 61-66.	0.5	14
28	Blastomere mitosis, hatching, survival rate, and size parameters of prolarvae in the roach <i>Rutilus rutilus</i> following exposure of eggs and sperm to main phase of a strong magnetic storm. <i>Journal of Ichthyology</i> , 2015, 55, 119-124.	0.5	4
29	Impact of simulated geomagnetic storm on activity of digestive glycosidases in roach <i>Rutilus rutilus</i> underyearlings. <i>Journal of Ichthyology</i> , 2015, 55, 590-595.	0.5	8
30	The behavior of male <i>Danio rerio</i> Hamilton after exposure of fish embryos to a simulated geomagnetic storm. <i>Biophysics (Russian Federation)</i> , 2014, 59, 935-939.	0.7	4
31	An experimental study of the biological effects of geomagnetic disturbances: The impact of a typical geomagnetic storm and its constituents on plants and animals. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2014, 110-111, 28-36.	1.6	32
32	Magnetic fields and fish behavior. <i>Biology Bulletin Reviews</i> , 2014, 4, 222-231.	0.9	26
33	The effects of geomagnetic storms on proteinase and glycosidase activities in fish intestinal mucosa. <i>Biology Bulletin</i> , 2014, 41, 154-160.	0.5	8
34	The response of <i>Daphnia magna</i> Straus to the long-term action of low-frequency magnetic fields. <i>Ecotoxicology and Environmental Safety</i> , 2013, 96, 213-219.	6.0	15
35	The effect of a typical magnetic storm on mitosis in the embryo cells and the length and weight of roach (<i>Rutilus rutilus</i> L.) prolarvae. <i>Inland Water Biology</i> , 2013, 6, 48-51.	0.8	7
36	Response of animal and vegetative cells to the effect of a typical magnetic storm. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2013, 49, 779-783.	0.9	2

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37	The response of European <i>Daphnia magna</i> Straus and Australian <i>Daphnia carinata</i> King to changes in geomagnetic field. <i>Electromagnetic Biology and Medicine</i> , 2013, 32, 30-39.	1.4	17
38	The effect of weak low-frequency magnetic fields on the intracellular calcium-dependent proteinases of fish. <i>Biology Bulletin</i> , 2013, 40, 515-518.	0.5	3
39	Effect of a magnetic field and copper upon activity of hydrolytic enzymes in roach (<i>Rutilus rutilus</i>) underyearlings. <i>Journal of Ichthyology</i> , 2013, 53, 225-230.	0.5	13
40	Effects of an induced magnetic storm on the early ontogenesis of roach <i>Rutilus rutilus</i> (L.). <i>Inland Water Biology</i> , 2010, 3, 356-359.	0.8	12
41	Influence of simulated H component of a typical magnetic storm on early ontogeny of <i>Daphnia magna</i> Straus. <i>Biophysics (Russian Federation)</i> , 2010, 55, 615-618.	0.7	1
42	Effects of electromagnetic fields on parthenogenic eggs of <i>Daphnia magna</i> Straus. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 62-66.	6.0	18
43	The effect of an alternating electromagnetic field upon early development in roach (<i>Rutilus rutilus</i>): Tj ETQq1 1 0.784314 rgBT / Overclock	0.5	18
44	Impact of alternating electromagnetic field of ultralow and low frequencies upon survival, development, and production parameters in <i>Daphnia magna</i> Straus (Crustacea, Cladocera). <i>Inland Water Biology</i> , 2008, 1, 134-140.	0.8	12
45	Direct and Prolonged Effects of the Action of Low Frequency Alternating Electromagnetic Fields on Reproduction Parameters of <i>Daphnia magna</i> . <i>Hydrobiological Journal</i> , 2007, 43, 71-82.	0.5	1