

Nadezhda S Kudryasheva

List of Publications by Year in descending order

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35
papers

552
citations

623734

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677142

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35
all docs

35
docs citations

35
times ranked

360
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioluminescence and exogenous compounds: Physico-chemical basis for bioluminescent assay. Journal of Photochemistry and Photobiology B: Biology, 2006, 83, 77-86.	3.8	57
2	Effect of low-level β -radiation on bioluminescent assay systems of various complexity. Photochemical and Photobiological Sciences, 2007, 6, 67-70.	2.9	33
3	Spectral components of bioluminescence of aequorin and obelin. Journal of Photochemistry and Photobiology B: Biology, 2008, 92, 117-122.	3.8	30
4	Effects of Modified Magnetite Nanoparticles on Bacterial Cells and Enzyme Reactions. Nanomaterials, 2020, 10, 1499.	4.1	30
5	Effect of humic substances on toxicity of inorganic oxidizer bioluminescent monitoring. Environmental Toxicology and Chemistry, 2011, 30, 1013-1017.	4.3	29
6	Bioluminescent monitoring of detoxification processes: Activity of humic substances in quinone solutions. Journal of Photochemistry and Photobiology B: Biology, 2007, 88, 131-136.	3.8	27
7	Antioxidant Activity and Toxicity of Fullerenols via Bioluminescence Signaling: Role of Oxygen Substituents. International Journal of Molecular Sciences, 2019, 20, 2324.	4.1	25
8	Effect of halogenated fluorescent compounds on bioluminescent reactions. Analytical and Bioanalytical Chemistry, 2011, 400, 343-351.	3.7	22
9	Direct and Indirect Detoxification Effects of Humic Substances. Agronomy, 2021, 11, 198.	3.0	20
10	Discharged photoprotein obelin: Fluorescence peculiarities. Journal of Photochemistry and Photobiology B: Biology, 2010, 101, 103-108.	3.8	19
11	Biological activity of carbonic nano-structures – comparison via enzymatic bioassay. Journal of Soils and Sediments, 2019, 19, 2689-2696.	3.0	19
12	Bioluminescent Enzymatic Assay as a Tool for Studying Antioxidant Activity and Toxicity of Bioactive Compounds. Photochemistry and Photobiology, 2017, 93, 536-540.	2.5	18
13	Monitoring of Low-Intensity Exposures via Luminescent Bioassays of Different Complexity: Cells, Enzyme Reactions, and Fluorescent Proteins. International Journal of Molecular Sciences, 2019, 20, 4451.	4.1	17
14	Reactive Oxygen Species and low-dose effects of tritium on bacterial cells. Journal of Environmental Radioactivity, 2019, 208-209, 106035.	1.7	17
15	Fluorescence properties of Ca ²⁺ -independent discharged obelin and its application prospects. Analytical and Bioanalytical Chemistry, 2013, 405, 3351-3358.	3.7	15
16	Effect of heavy atoms in bioluminescent reactions. Analytical and Bioanalytical Chemistry, 2007, 387, 2009-2016.	3.7	14
17	Biogenic Ferrihydrite Nanoparticles: Synthesis, Properties In Vitro and In Vivo Testing and the Concentration Effect. Biomedicines, 2021, 9, 323.	3.2	13
18	Toxicity and Antioxidant Activity of Fullerene C ₆₀ ,70 with Low Number of Oxygen Substituents. International Journal of Molecular Sciences, 2021, 22, 6382.	4.1	13

#	ARTICLE	IF	CITATIONS
19	Detoxification of AM-241 solutions by humic substances: bioluminescent monitoring. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 329-334.	3.7	12
20	Effects of americium-241 and humic substances on <i>Photobacterium phosphoreum</i> : Bioluminescence and diffuse reflectance FTIR spectroscopic studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 100, 171-175.	3.9	12
21	Effects of alcohols on fluorescence intensity and color of a discharged-obelin-based biomarker. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 2965-2974.	3.7	12
22	Non-Specific Effects of Exogenous Compounds on Bacterial Bioluminescent Enzymes: Fluorescence Study. <i>Current Enzyme Inhibition</i> , 2006, 2, 363-372.	0.4	11
23	Ultraviolet fluorescence of coelenteramide and coelenteramide-containing fluorescent proteins. Experimental and theoretical study. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 162, 318-323.	3.8	10
24	Humic Substances Mitigate the Impact of Tritium on Luminous Marine Bacteria. Involvement of Reactive Oxygen Species. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6783.	4.1	10
25	Synthesis, Mass Spectroscopy Detection, and Density Functional Theory Investigations of the Gd Endohedral Complexes of C82 Fullerenols. <i>Computation</i> , 2021, 9, 58.	2.0	9
26	Endohedral Gd-Containing Fullerenol: Toxicity, Antioxidant Activity, and Regulation of Reactive Oxygen Species in Cellular and Enzymatic Systems. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5152.	4.1	9
27	Effect of quinone on the fluorescence decay dynamics of endogenous flavin bound to bacterial luciferase. <i>Biophysical Chemistry</i> , 2009, 141, 59-65.	2.8	8
28	Fluorescent coelenteramide-containing protein as a color bioindicator for low-dose radiation effects. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 4377-4381.	3.7	8
29	Enzymatic Responses to Low-Intensity Radiation of Tritium. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8464.	4.1	7
30	Variability of fluorescence spectra of coelenteramide-containing proteins as a basis for toxicity monitoring. <i>Talanta</i> , 2017, 170, 425-431.	5.5	6
31	Protein-based fluorescent bioassay for low-dose gamma radiation exposures. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 6837-6844.	3.7	5
32	Adaptation of a Bacterial Bioluminescent Assay to Monitor Bioeffects of Gold Nanoparticles. <i>Bioengineering</i> , 2022, 9, 61.	3.5	5
33	Pine Stands as Bioindicators: Justification for Air Toxicity Monitoring in an Industrial Metropolis. <i>Environments - MDPI</i> , 2020, 7, 28.	3.3	4
34	Development of Cellular and Enzymatic Bioluminescent Assay Systems to Study Low-Dose Effects of Thorium. <i>Bioengineering</i> , 2021, 8, 194.	3.5	4
35	Tritium: Doses and Responses of Aquatic Living Organisms (Model Experiments). <i>Environments - MDPI</i> , 2022, 9, 51.	3.3	2