

Natalia N Ugarova

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

226
citations

1040056

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1125743

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all docs

13
docs citations

13
times ranked

280
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermostabilization of firefly luciferase by in vivo directed evolution. <i>Protein Engineering, Design and Selection</i> , 2011, 24, 835-844.	2.1	60
2	Mechanisms of increased mitochondria-dependent necrosis in Wiskott-Aldrich syndrome platelets. <i>Haematologica</i> , 2020, 105, 1095-1106.	3.5	27
3	Triple substitution G216N/A217L/S398M leads to the active and thermostable <i>Luciola mingrelica</i> firefly luciferase. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 931-938.	2.9	23
4	Interaction of firefly luciferase with substrates and their analogs: a study using fluorescence spectroscopy methods. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 218-227.	2.9	20
5	Firefly Luciferase-based Fusion Proteins and their Applications in Bioanalysis. <i>Photochemistry and Photobiology</i> , 2017, 93, 436-447.	2.5	20
6	APPROACHES TO ENGINEER STABILITY OF BEETLE LUCIFERASES. <i>Computational and Structural Biotechnology Journal</i> , 2012, 2, e201204004.	4.1	15
7	Point mutations in firefly luciferase C-domain demonstrate its significance in green color of bioluminescence. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 1463-1471.	2.3	15
8	A simplified ATP method for the rapid control of cell viability in a freeze-dried BCG vaccine. <i>Journal of Microbiological Methods</i> , 2016, 130, 48-53.	1.6	13
9	Color-shifting mutations in the C-domain of <i>L. mingrelica</i> firefly luciferase provide new information about the domain alternation mechanism. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016, 1864, 1818-1826.	2.3	10
10	The Bioluminescence Resonance Energy Transfer from Firefly Luciferase to a Synthetic Dye and its Application for the Rapid Homogeneous Immunoassay of Progesterone. <i>Photochemistry and Photobiology</i> , 2016, 92, 158-165.	2.5	10
11	A Novel Streptavidin-luciferase Fusion Protein: Preparation, Properties and Application in Hybridization Analysis of DNA. <i>Photochemistry and Photobiology</i> , 2017, 93, 541-547.	2.5	5
12	Bioanalytical Systems Based on Bioluminescence Resonance Energy Transfer Using Firefly Luciferase. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2015, 18, 946-951.	1.1	5
13	Application of Bioluminescent Methods to Study the Effect of the Membrane-active Antibiotic Colistin on Bacterial Cells. <i>Photochemistry and Photobiology</i> , 2022, 98, 1077-1083.	2.5	3