

# Zinaida M Kaskova

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23  
papers

502  
citations

8  
h-index

22  
g-index

27  
ext. papers

618  
ext. citations

8.2  
avg, IF

3.6  
L-index

#	Paper	IF	Citations
23	Unexpected Coelenterazine Degradation Products of Photoprotein Photoinactivation. <i>Organic Letters</i> , <b>2021</b> , 23, 6846-6849	6.2	0
22	EC-Mannosyltryptophan is a Structural Analog of the Luciferin from Bioluminescent Siberian Earthworm <i>Henlea</i> sp.. <i>ChemistrySelect</i> , <b>2020</b> , 5, 13155-13159	1.8	0
21	Bioluminescence chemistry of fireworm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 18911-18916	11.5	18
20	Optimization of Fungal Luciferin Synthesis. <i>Russian Journal of Bioorganic Chemistry</i> , <b>2019</b> , 45, 183-185	1	2
19	Luminous Fungi <b>2019</b> , 301-348		
18	Other Luminous Organisms <b>2019</b> , 349-379		
17	Autonomous bioluminescent systems: prospects for use in the imaging of living organisms. <i>Bulletin of Russian State Medical University</i> , <b>2019</b> , 62-65	0.4	
16	A bioluminescent system of fungi: prospects for application in medical research. <i>Bulletin of Russian State Medical University</i> , <b>2018</b> , 74-77	0.4	1
15	Bioluminescent imaging: new opportunities. <i>Bulletin of Russian State Medical University</i> , <b>2018</b> , 87-90	0.4	
14	Genetically encodable bioluminescent system from fungi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 12728-12732	11.5	77
13	Synthetic analogue of Fridericia luciferin with improved spectral properties. <i>Russian Journal of Bioorganic Chemistry</i> , <b>2017</b> , 43, 223-225	1	
12	Mechanism and color modulation of fungal bioluminescence. <i>Science Advances</i> , <b>2017</b> , 3, e1602847	14.3	56
11	Synthesis of Panal Terpenoid Core. <i>Synlett</i> , <b>2017</b> , 28, 583-588	2.2	
10	1001 lights: luciferins, luciferases, their mechanisms of action and applications in chemical analysis, biology and medicine. <i>Chemical Society Reviews</i> , <b>2016</b> , 45, 6048-6077	58.5	172
9	A Tale Of Two Luciferins: Fungal and Earthworm New Bioluminescent Systems. <i>Accounts of Chemical Research</i> , <b>2016</b> , 49, 2372-2380	24.3	22
8	Novel mechanism of bioluminescence: oxidative decarboxylation of a moiety adjacent to the light emitter of Fridericia luciferin. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 7065-7	16.4	21
7	Titelbild: The Chemical Basis of Fungal Bioluminescence (Angew. Chem. 28/2015). <i>Angewandte Chemie</i> , <b>2015</b> , 127, 8113-8113	3.6	

6	The Chemical Basis of Fungal Bioluminescence. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 8242-8246	3.6	7
5	Novel Mechanism of Bioluminescence: Oxidative Decarboxylation of a Moiety Adjacent to the Light Emitter of <i>Fridericia luciferina</i> . <i>Angewandte Chemie</i> , <b>2015</b> , 127, 7171-7173	3.6	2
4	The Chemical Basis of Fungal Bioluminescence. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 8124-8126	4.4	66
3	Novel peptide chemistry in terrestrial animals: natural luciferin analogues from the bioluminescent earthworm <i>Fridericia heliota</i> . <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 3942-7	4.8	7
2	Acid-promoted synthesis of per-O-sulfated fucooligosaccharides related to fucoidan fragments. <i>Carbohydrate Research</i> , <b>2011</b> , 346, 540-50	2.9	42
1	Diffusion properties of bilayer membranes based on MC-40 and MF-4SC modified with silicon and zirconium oxides. <i>Russian Journal of Inorganic Chemistry</i> , <b>2010</b> , 55, 479-483	1.5	6