

# Baleeva Ns

## List of Publications by Citations

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52  
papers

426  
citations

10  
h-index

19  
g-index

59  
ext. papers

561  
ext. citations

3  
avg, IF

3.62  
L-index

#	Paper	IF	Citations
52	Mechanism and color modulation of fungal bioluminescence. <i>Science Advances</i> , <b>2017</b> , 3, e1602847	14.3	56
51	Red-shifted fluorescent aminated derivatives of a conformationally locked GFP chromophore. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 13234-41	4.8	56
50	Unveiling Structural Motions of a Highly Fluorescent Superphotoacid by Locking and Fluorinating the GFP Chromophore in Solution. <i>Journal of Physical Chemistry Letters</i> , <b>2017</b> , 8, 5921-5928	6.4	34
49	Designing redder and brighter fluorophores by synergistic tuning of ground and excited states. <i>Chemical Communications</i> , <b>2019</b> , 55, 2537-2540	5.8	27
48	Bioinspired Fluorescent Dyes Based on a Conformationally Locked Chromophore of the Fluorescent Protein Kaede. <i>European Journal of Organic Chemistry</i> , <b>2015</b> , 2015, 5716-5721	3.2	27
47	Pyridinium Analogues of Green Fluorescent Protein Chromophore: Fluorogenic Dyes with Large Solvent-Dependent Stokes Shift. <i>Journal of Physical Chemistry Letters</i> , <b>2018</b> , 9, 1958-1963	6.4	25
46	Red-Shifted Substrates for FAST Fluorogen-Activating Protein Based on the GFP-Like Chromophores. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 9592-9596	4.8	23
45	Photoinduced Proton Transfer of GFP-Inspired Fluorescent Superphotoacids: Principles and Design. <i>Journal of Physical Chemistry B</i> , <b>2019</b> , 123, 3804-3821	3.4	22
44	Synthesis and properties of 5-methylidene-3,5-dihydro-4H-imidazol-4-ones (microreview). <i>Chemistry of Heterocyclic Compounds</i> , <b>2016</b> , 52, 444-446	1.4	14
43	Synthesis of novel fluorescent 12a-aryl substituted indoxylisoquinolines via aryne-induced domino process. <i>RSC Advances</i> , <b>2016</b> , 6, 12642-12646	3.7	12
42	Ultrafast excited-state proton transfer dynamics in dihalogenated non-fluorescent and fluorescent GFP chromophores. <i>Journal of Chemical Physics</i> , <b>2020</b> , 152, 021101	3.9	10
41	The Role of N-Substituents in Radiationless Deactivation of Aminated Derivatives of a Locked GFP Chromophore. <i>European Journal of Organic Chemistry</i> , <b>2017</b> , 2017, 5219-5224	3.2	10
40	Pyridine analogue of fluorescent protein chromophore: Fluorogenic dye suitable for mitochondria staining. <i>Dyes and Pigments</i> , <b>2019</b> , 170, 107550	4.6	9
39	pH-Sensitive fluorophores from locked GFP chromophores by a non-alternant analogue of the photochemical meta effect. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 26703-26711	3.6	9
38	Red-Shifted Aminated Derivatives of GFP Chromophore for Live-Cell Protein Labeling with Lipocalins. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	9
37	Conformationally locked chromophores of CFP and Sirius protein. <i>Tetrahedron Letters</i> , <b>2016</b> , 57, 3043-3045	2.5	8
36	Azidoacetic Acid Amides in the Synthesis of Substituted Arylidene-1-H-imidazol-5-(4H)-ones. <i>ChemistrySelect</i> , <b>2018</b> , 3, 8593-8596	1.8	7

35	Oxidative desulfurization of catalytically cracked gasoline with hydrogen peroxide. <i>Petroleum Chemistry</i> , <b>2013</b> , 53, 201-204	1.1	7
34	Yellow and Orange Fluorescent Proteins with Tryptophan-based Chromophores. <i>ACS Chemical Biology</i> , <b>2017</b> , 12, 1867-1873	4.9	6
33	Developing Bright Green Fluorescent Protein (GFP)-like Fluorogens for Live-Cell Imaging with Nonpolar Protein-Chromophore Interactions. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 8946-8950	4.8	6
32	Color Tuning of Fluorogens for FAST Fluorogen-Activating Protein. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 3986-3990	4.8	6
31	Nitroacetic Esters in the Regioselective Synthesis of Isoxazole-3,5-dicarboxylic Acid Derivatives. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 15417-15428	4.2	5
30	Pyridine derivatives as ligands of metal complexes for the peroxidation of organosulfur compounds. <i>Theoretical Foundations of Chemical Engineering</i> , <b>2017</b> , 51, 563-566	0.9	4
29	Conformationally locked GFP chromophore derivatives as potential fluorescent sensors. <i>Russian Journal of Bioorganic Chemistry</i> , <b>2016</b> , 42, 453-456	1	4
28	Shedding light on ultrafast ring-twisting pathways of halogenated GFP chromophores from the excited to ground state. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> , 23, 14636-14648	3.6	4
27	Derivatives of Azidocinnamic Acid in the Synthesis of 2-Amino-4-Arylidene-1H-Imidazol-5(4H)-Ones. <i>Chemistry of Heterocyclic Compounds</i> , <b>2018</b> , 54, 625-629	1.4	3
26	Excited-state locked amino analogues of the green fluorescent protein chromophore with a giant Stokes shift.. <i>RSC Advances</i> , <b>2019</b> , 9, 38730-38734	3.7	3
25	Enamine-azide [2+3]-cycloaddition as a method to introduce functional groups into fluorescent dyes. <i>Tetrahedron Letters</i> , <b>2019</b> , 60, 456-459	2	3
24	Imidazol-5-ones as a substrate for [1,5]-hydride shift triggered cyclization. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 1805-1808	3.6	3
23	Synthesis of 2-arylidene-6,7-dihydroimidazo[1,2-a]pyrazine-3,8(2H,5H)-diones by oxidation of 4-arylidene-2-methyl-1H-imidazol-5(4H)-ones with selenium dioxide. <i>Chemistry of Heterocyclic Compounds</i> , <b>2017</b> , 53, 930-933	1.4	2
22	Separation of the 5- and 6-Carboxy Regioisomers of ROX and JOE Dyes with Examples of N-(3-Azidopropyl)amide Synthesis. <i>SynOpen</i> , <b>2018</b> , 02, 0240-0245	0.7	2
21	Convenient and Versatile Synthetic Protocol for Arylidene-1H-imidazol-5(4H)-ones. <i>ChemistrySelect</i> , <b>2020</b> , 5, 7000-7003	1.8	1
20	Synthesis and Optical Properties of the New Kaede Chromophore Analog. <i>Russian Journal of Bioorganic Chemistry</i> , <b>2020</b> , 46, 120-123	1	1
19	Naphthalene derivatives of a conformationally locked GFP chromophore with large stokes shifts. <i>Tetrahedron Letters</i> , <b>2019</b> , 60, 150963	2	1
18	Complex formation of crown ethers with amino acids: Estimation by NMR spectroscopy. <i>Russian Journal of Organic Chemistry</i> , <b>2013</b> , 49, 1386-1396	0.7	1

17	The Sonogashira reaction as a new method for the modification of borated analogues of the green fluorescence protein chromophore. <i>Russian Journal of Bioorganic Chemistry</i> , <b>2017</b> , 43, 612-615	1	1
16	Reversible condensation of 4-arylidene-1,2-dimethyl-1H-imidazol-5(4H)-ones with aromatic acyl chlorides. <i>Chemistry of Heterocyclic Compounds</i> , <b>2015</b> , 51, 944-947	1.4	1
15	Synthesis and catalytic properties of niobium indenyl peroxy complexes. <i>Russian Journal of General Chemistry</i> , <b>2012</b> , 82, 1118-1121	0.7	1
14	Environment-sensitive fluorogens based on a GFP chromophore structural motif. <i>Dyes and Pigments</i> , <b>2022</b> , 198, 110033	4.6	1
13	Synthesis of spiro[imidazole-4,3quinolin]ones from [2-(dimethylamino)benzylidene]-2-(methylsulfonyl)imidazolones. <i>Chemistry of Heterocyclic Compounds</i> , <b>2021</b> , 57, 695	1.4	1
12	Probing GFP Chromophore Analogs as Anti-HIV Agents Targeting LTR-III G-Quadruplex. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	1
11	6,7-Dialcoxy-Benzothiophene Derivatives as the Basis for Synthesis of Fluorescent Sensors for Reactive Oxygen Species. <i>Russian Journal of Bioorganic Chemistry</i> , <b>2020</b> , 46, 1289-1292	1	0
10	A Thiophene Analog of the GFP Chromophore As Fluorogen for FAST Protein. <i>Russian Journal of Bioorganic Chemistry</i> , <b>2021</b> , 47, 1118-1121	1	0
9	Xanthates as Thiol Surrogates for Nucleophilic Substitution with Aryl Halides. <i>European Journal of Organic Chemistry</i> , <b>2021</b> , 2021, 4350-4357	3.2	0
8	Active orbital preservation for multiconfigurational self-consistent field. <i>Journal of Chemical Physics</i> , <b>2021</b> , 155, 071103	3.9	0
7	O-Alkylation Redirected Condensation of 5-Hydroxy-1,2-oxazine-6-ones with Primary Amines for Synthesis of 5-Hydroxyiminopyridine-2,6(1H,3H)-diones. <i>ChemistrySelect</i> , <b>2021</b> , 6, 8938-8941	1.8	0
6	Styrene Derivatives of Indole and Pyranone as Fluorogenic Substrates for FAST Protein. <i>Russian Journal of Bioorganic Chemistry</i> , <b>2021</b> , 47, 334-337	1	0
5	The Role of C2-Substituents in the Imidazolone Ring in the Degradation of GFP Chromophore Derivatives. <i>Russian Journal of Bioorganic Chemistry</i> , <b>2018</b> , 44, 354-357	1	
4	Synthesis of spirocyclic pyrrolidines from cyclopentylideneacetic acid derivatives. <i>Chemistry of Heterocyclic Compounds</i> , <b>2019</b> , 55, 676-678	1.4	
3	Synthesis and Chemical Transformations of 7-Hydroxybicyclo[3.3.1]nonane-3-carbohydrazide. <i>Russian Journal of Organic Chemistry</i> , <b>2020</b> , 56, 1942-1951	0.7	
2	Synthesis and Optical Properties of the Conformationally Locked Indole and Indoline Derivatives of the GFP Chromophore. <i>Russian Journal of Bioorganic Chemistry</i> , <b>2020</b> , 46, 862-865	1	
1	Conformationally Locked 5-Benzylidene-4H-Imidazolthion as a Fluorogenic Dye. <i>Russian Journal of Bioorganic Chemistry</i> , <b>2021</b> , 47, 1352-1355	1	