

# Baleeva Ns

## List of Publications by Year in descending order

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59  
papers

678  
citations

623734

14  
h-index

610901

24  
g-index

59  
all docs

59  
docs citations

59  
times ranked

555  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism and color modulation of fungal bioluminescence. <i>Science Advances</i> , 2017, 3, e1602847.	10.3	74
2	Red-Shifted Fluorescent Aminated Derivatives of a Conformationally Locked GFP Chromophore. <i>Chemistry - A European Journal</i> , 2014, 20, 13234-13241.	3.3	68
3	Unveiling Structural Motions of a Highly Fluorescent Superphotoacid by Locking and Fluorinating the GFP Chromophore in Solution. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 5921-5928.	4.6	40
4	Designing redder and brighter fluorophores by synergistic tuning of ground and excited states. <i>Chemical Communications</i> , 2019, 55, 2537-2540.	4.1	40
5	Pyridinium Analogues of Green Fluorescent Protein Chromophore: Fluorogenic Dyes with Large Solvent-Dependent Stokes Shift. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1958-1963.	4.6	37
6	Red-Shifted Substrates for FAST Fluorogen-Activating Protein Based on the GFP-Like Chromophores. <i>Chemistry - A European Journal</i> , 2019, 25, 9592-9596.	3.3	37
7	Bioinspired Fluorescent Dyes Based on a Conformationally Locked Chromophore of the Fluorescent Protein Kaede. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 5716-5721.	2.4	36
8	Photoinduced Proton Transfer of GFP-Inspired Fluorescent Superphotoacids: Principles and Design. <i>Journal of Physical Chemistry B</i> , 2019, 123, 3804-3821.	2.6	32
9	Synthesis and properties of 5-methylidene-3,5-dihydro-4H-imidazol-4-ones (microreview). <i>Chemistry of Heterocyclic Compounds</i> , 2016, 52, 444-446.	1.2	24
10	Color Tuning of Fluorogens for FAST Fluorogen-Activating Protein. <i>Chemistry - A European Journal</i> , 2021, 27, 3986-3990.	3.3	18
11	Developing Bright Green Fluorescent Protein (GFP)-like Fluorogens for Live-Cell Imaging with Nonpolar Protein-Chromophore Interactions. <i>Chemistry - A European Journal</i> , 2021, 27, 8946-8950.	3.3	16
12	Red-Shifted Aminated Derivatives of GFP Chromophore for Live-Cell Protein Labeling with Lipocalins. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3778.	4.1	15
13	Pyridine analogue of fluorescent protein chromophore: Fluorogenic dye suitable for mitochondria staining. <i>Dyes and Pigments</i> , 2019, 170, 107550.	3.7	15
14	Shedding light on ultrafast ring-twisting pathways of halogenated GFP chromophores from the excited to ground state. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 14636-14648.	2.8	15
15	Ultrafast excited-state proton transfer dynamics in dihalogenated non-fluorescent and fluorescent GFP chromophores. <i>Journal of Chemical Physics</i> , 2020, 152, 021101.	3.0	14
16	Synthesis of novel fluorescent 12a-aryl substituted indoxylisoquinolines via aryne-induced domino process. <i>RSC Advances</i> , 2016, 6, 12642-12646.	3.6	13
17	The Role of <i>N</i> -Substituents in Radiationless Deactivation of Aminated Derivatives of a Locked GFP Chromophore. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5219-5224.	2.4	13
18	Nitroacetic Esters in the Regioselective Synthesis of Isoxazole-3,5-dicarboxylic Acid Derivatives. <i>Journal of Organic Chemistry</i> , 2019, 84, 15417-15428.	3.2	13

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19	Conformationally locked chromophores of CFP and Sirius protein. <i>Tetrahedron Letters</i> , 2016, 57, 3043-3045.	1.4	12
20	Azidoacetic Acid Amides in the Synthesis of Substituted Arylidene-Imidazolones. <i>ChemistrySelect</i> , 2018, 3, 8593-8596.	1.5	11
21	Imidazol-5-ones as a substrate for [1,5]-hydride shift triggered cyclization. <i>New Journal of Chemistry</i> , 2021, 45, 1805-1808.	2.8	11
22	pH-Sensitive fluorophores from locked GFP chromophores by a non-alternant analogue of the photochemical meta effect. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 26703-26711.	2.8	9
23	Oxidative desulfurization of catalytically cracked gasoline with hydrogen peroxide. <i>Petroleum Chemistry</i> , 2013, 53, 201-204.	1.4	8
24	Excited-state locked amino analogues of the green fluorescent protein chromophore with a giant Stokes shift. <i>RSC Advances</i> , 2019, 9, 38730-38734.	3.6	8
25	Environment-sensitive fluorogens based on a GFP chromophore structural motif. <i>Dyes and Pigments</i> , 2022, 198, 110033.	3.7	8
26	Probing GFP Chromophore Analogs as Anti-HIV Agents Targeting LTR-III G-Quadruplex. <i>Biomolecules</i> , 2021, 11, 1409.	4.0	7
27	Yellow and Orange Fluorescent Proteins with Tryptophan-based Chromophores. <i>ACS Chemical Biology</i> , 2017, 12, 1867-1873.	3.4	6
28	Pyridine derivatives as ligands of metal complexes for the peroxidation of organosulfur compounds. <i>Theoretical Foundations of Chemical Engineering</i> , 2017, 51, 563-566.	0.7	5
29	Derivatives of Azidocinnamic Acid in the Synthesis of 2-Amino-4-Arylidene-1H-Imidazol-5(4H)-Ones. <i>Chemistry of Heterocyclic Compounds</i> , 2018, 54, 625-629.	1.2	5
30	Naphthalene derivatives of a conformationally locked GFP chromophore with large Stokes shifts. <i>Tetrahedron Letters</i> , 2019, 60, 150963.	1.4	5
31	Enamine-azide [2+3]-cycloaddition as a method to introduce functional groups into fluorescent dyes. <i>Tetrahedron Letters</i> , 2019, 60, 456-459.	1.4	5
32	Xanthates as Thiol Surrogates for Nucleophilic Substitution with Aryl Halides. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 4350-4357.	2.4	5
33	BF <sub>3</sub> Mediated [1,5]-Hydride Shift Triggered Cyclization: Thioethers Join the Game. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	2.4	5
34	Structure-based rational design of an enhanced fluorogen-activating protein for fluorogens based on GFP chromophore. <i>Communications Biology</i> , 2022, 5, .	4.4	5
35	Conformationally locked GFP chromophore derivatives as potential fluorescent sensors. <i>Russian Journal of Bioorganic Chemistry</i> , 2016, 42, 453-456.	1.0	4
36	Synthesis of spiro[imidazole-4,3'-quinolin]ones from [2-(dimethylamino)benzylidene]-2-(methylsulfanyl)imidazolones. <i>Chemistry of Heterocyclic Compounds</i> , 2021, 57, 695-699.	1.2	4

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37	Synthesis and catalytic properties of niobium indenyl peroxy complexes. Russian Journal of General Chemistry, 2012, 82, 1118-1121.	0.8	3
38	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. Chemistry of Heterocyclic Compounds, 2017, 53, 930-933.	1.2	3
39	The Sonogashira reaction as a new method for the modification of borated analogues of the green fluorescence protein chromophore. Russian Journal of Bioorganic Chemistry, 2017, 43, 612-615.	1.0	3
40	Synthesis and Optical Properties of the New Kaede Chromophore Analog. Russian Journal of Bioorganic Chemistry, 2020, 46, 120-123.	1.0	3
41	<i>O</i> -Alkylation Redirected Condensation of 5-Hydroxy-1,2-oxazine-6-ones with Primary Amines for Synthesis of 5-Hydroxyiminopyridine-2,6(1 <i>H</i> ,3 <i>H</i> )-diones. ChemistrySelect, 2021, 6, 8938-8941.	1.5	3
42	Separation of the 5- and 6-Carboxy Regioisomers of ROX and JOE Dyes with Examples of N-(3-Azidopropyl)amide Synthesis. SynOpen, 2018, 02, 0240-0245.	1.7	2
43	Synthesis of spirocyclic pyrrolidines from cyclopentylideneacetic acid derivatives. Chemistry of Heterocyclic Compounds, 2019, 55, 676-678.	1.2	2
44	Convenient and Versatile Synthetic Protocol for Arylidene-1-imidazol-5(4 <i>H</i> )-ones. ChemistrySelect, 2020, 5, 7000-7003.	1.5	2
45	Active orbital preservation for multiconfigurational self-consistent field. Journal of Chemical Physics, 2021, 155, 071103.	3.0	2
46	A Thiophene Analog of the GFP Chromophore As Fluorogen for FAST Protein. Russian Journal of Bioorganic Chemistry, 2021, 47, 1118-1121.	1.0	2
47	6,7-Dialcoxy-Benzothiophene Derivatives as the Basis for Synthesis of Fluorescent Sensors for Reactive Oxygen Species. Russian Journal of Bioorganic Chemistry, 2020, 46, 1289-1292.	1.0	2
48	Designing Red-Shifted Molecular Emitters Based on the Annulated Locked GFP Chromophore Derivatives. International Journal of Molecular Sciences, 2021, 22, 13645.	4.1	2
49	Complex formation of crown ethers with $\alpha$ -amino acids: Estimation by NMR spectroscopy. Russian Journal of Organic Chemistry, 2013, 49, 1386-1396.	0.8	1
50	Reversible condensation of 4-arylidene-1,2-dimethyl-1H-imidazol-5(4H)-ones with aromatic acyl chlorides. Chemistry of Heterocyclic Compounds, 2015, 51, 944-947.	1.2	1
51	Styrene Derivatives of Indole and Pyranone as Fluorogenic Substrates for FAST Protein. Russian Journal of Bioorganic Chemistry, 2021, 47, 334-337.	1.0	1
52	Short Duplex Module Coupled to G-Quadruplexes Increases Fluorescence of Synthetic GFP Chromophore Analogues. Sensors, 2020, 20, 915.	3.8	1
53	Novel Benzothiophene-Based Fluorescent Dye Exhibiting a Large Stokes Shift. Synlett, 0, , .	1.8	1
54	Synthesis of julolidine derivatives via SnCl <sub>4</sub> -promoted spirocyclization of (1-alkyltetrahydroquinolin-8-yl)methylidene-1H-imidazol-5(4H)-ones. Chemistry of Heterocyclic Compounds, 2022, 58, 255-259.	1.2	1

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55	The Role of C2-Substituents in the Imidazolone Ring in the Degradation of GFP Chromophore Derivatives. Russian Journal of Bioorganic Chemistry, 2018, 44, 354-357.	1.0	0
56	Synthesis and Optical Properties of the Conformationally Locked Indole and Indoline Derivatives of the GFP Chromophore. Russian Journal of Bioorganic Chemistry, 2020, 46, 862-865.	1.0	0
57	Synthesis and Chemical Transformations of 7-Hydroxybicyclo[3.3.1]nonane-3-carbohydrazide. Russian Journal of Organic Chemistry, 2020, 56, 1942-1951.	0.8	0
58	Selective Synthesis of 3-alkyl-2-thiohydantoins from Azidoacetamides and Carbon Disulfide. ChemistrySelect, 2022, 7, .	1.5	0
59	Conformationally Locked 5-Benzylidene-4H-Imidazolthion as a Fluorogenic Dye. Russian Journal of Bioorganic Chemistry, 2021, 47, 1352-1355.	1.0	0