

Baleeva Ns

List of Publications by Year in descending order

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623734

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59
all docs

59
docs citations

59
times ranked

555
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Environment-sensitive fluorogens based on a GFP chromophore structural motif. <i>Dyes and Pigments</i> , 2022, 198, 110033. | 3.7 | 8 |
| 2 | Selective Synthesis of 3-Alkyl-2-thiohydantoin from Azidoacetamides and Carbon Disulfide. <i>ChemistrySelect</i> , 2022, 7, . | 1.5 | 0 |
| 3 | BF ₃ Mediated [1,5]-Hydride Shift Triggered Cyclization: Thioethers Join the Game. <i>European Journal of Organic Chemistry</i> , 2022, 2022, . | 2.4 | 5 |
| 4 | Synthesis of julolidine derivatives via SnCl ₄ -promoted spirocyclization of (1-alkyltetrahydroquinolin-8-yl)methylidene-1H-imidazol-5(4H)-ones. <i>Chemistry of Heterocyclic Compounds</i> , 2022, 58, 255-259. | 1.2 | 1 |
| 5 | 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 |
| 6 | Color Tuning of Fluorogens for FAST Fluorogen-Activating Protein. <i>Chemistry - A European Journal</i> , 2021, 27, 3986-3990. | 3.3 | 18 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | Xanthates as Thiol Surrogates for Nucleophilic Substitution with Aryl Halides. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 4350-4357. | 2.4 | 5 |
| 12 | Active orbital preservation for multiconfigurational self-consistent field. <i>Journal of Chemical Physics</i> , 2021, 155, 071103. | 3.0 | 2 |
| 13 | Probing GFP Chromophore Analogs as Anti-HIV Agents Targeting LTR-III G-Quadruplex. <i>Biomolecules</i> , 2021, 11, 1409. | 4.0 | 7 |
| 14 | 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> , 2021, 6, 8938-8941. | 1.5 | 3 |
| 15 | Styrene Derivatives of Indole and Pyranone as Fluorogenic Substrates for FAST Protein. <i>Russian Journal of Bioorganic Chemistry</i> , 2021, 47, 334-337. | 1.0 | 1 |
| 16 | A Thiophene Analog of the GFP Chromophore As Fluorogen for FAST Protein. <i>Russian Journal of Bioorganic Chemistry</i> , 2021, 47, 1118-1121. | 1.0 | 2 |
| 17 | Conformationally Locked 5-Benzylidene-4H-Imidazolthion as a Fluorogenic Dye. <i>Russian Journal of Bioorganic Chemistry</i> , 2021, 47, 1352-1355. | 1.0 | 0 |
| 18 | Designing Red-Shifted Molecular Emitters Based on the Annulated Locked GFP Chromophore Derivatives. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13645. | 4.1 | 2 |

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|----|---|-----|-----------|
| 19 | 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 |
| 20 | Convenient and Versatile Synthetic Protocol for Arylidene-1H-imidazol-5(4H)-ones. ChemistrySelect, 2020, 5, 7000-7003. | 1.5 | 2 |
| 21 | Synthesis and Optical Properties of the New Kaede Chromophore Analog. Russian Journal of Bioorganic Chemistry, 2020, 46, 120-123. | 1.0 | 3 |
| 22 | Ultrafast excited-state proton transfer dynamics in dihalogenated non-fluorescent and fluorescent GFP chromophores. Journal of Chemical Physics, 2020, 152, 021101. | 3.0 | 14 |
| 23 | Short Duplex Module Coupled to G-Quadruplexes Increases Fluorescence of Synthetic GFP Chromophore Analogues. Sensors, 2020, 20, 915. | 3.8 | 1 |
| 24 | 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 |
| 25 | 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 |
| 26 | Naphthalene derivatives of a conformationally locked GFP chromophore with large stokes shifts. Tetrahedron Letters, 2019, 60, 150963. | 1.4 | 5 |
| 27 | Synthesis of spirocyclic pyrrolidines from cyclopentylideneacetic acid derivatives. Chemistry of Heterocyclic Compounds, 2019, 55, 676-678. | 1.2 | 2 |
| 28 | Nitroacetic Esters in the Regioselective Synthesis of Isoxazole-3,5-dicarboxylic Acid Derivatives. Journal of Organic Chemistry, 2019, 84, 15417-15428. | 3.2 | 13 |
| 29 | Designing redder and brighter fluorophores by synergistic tuning of ground and excited states. Chemical Communications, 2019, 55, 2537-2540. | 4.1 | 40 |
| 30 | Red-Shifted Substrates for FAST Fluorogen-Activating Protein Based on the GFP-Like Chromophores. Chemistry - A European Journal, 2019, 25, 9592-9596. | 3.3 | 37 |
| 31 | Pyridine analogue of fluorescent protein chromophore: Fluorogenic dye suitable for mitochondria staining. Dyes and Pigments, 2019, 170, 107550. | 3.7 | 15 |
| 32 | Photoinduced Proton Transfer of GFP-Inspired Fluorescent Superphotoacids: Principles and Design. Journal of Physical Chemistry B, 2019, 123, 3804-3821. | 2.6 | 32 |
| 33 | Excited-state locked amino analogues of the green fluorescent protein chromophore with a giant Stokes shift. RSC Advances, 2019, 9, 38730-38734. | 3.6 | 8 |
| 34 | Enamine-azide [2+3]-cycloaddition as a method to introduce functional groups into fluorescent dyes. Tetrahedron Letters, 2019, 60, 456-459. | 1.4 | 5 |
| 35 | Pyridinium Analogues of Green Fluorescent Protein Chromophore: Fluorogenic Dyes with Large Solvent-Dependent Stokes Shift. Journal of Physical Chemistry Letters, 2018, 9, 1958-1963. | 4.6 | 37 |
| 36 | Red-Shifted Aminated Derivatives of GFP Chromophore for Live-Cell Protein Labeling with Lipocalins. International Journal of Molecular Sciences, 2018, 19, 3778. | 4.1 | 15 |

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|----|---|------|-----------|
| 37 | Separation of the 5- and 6-Carboxy Regioisomers of ROX and JOE Dyes with Examples of N-(3-Azidopropyl)amide Synthesis. <i>SynOpen</i> , 2018, 02, 0240-0245. | 1.7 | 2 |
| 38 | 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 |
| 39 | Azidoacetic Acid Amides in the Synthesis of Substituted Arylidene-1H-Imidazol-5(4H)-Ones. <i>ChemistrySelect</i> , 2018, 3, 8593-8596. | 1.5 | 11 |
| 40 | The Role of C2-Substituents in the Imidazolone Ring in the Degradation of GFP Chromophore Derivatives. <i>Russian Journal of Bioorganic Chemistry</i> , 2018, 44, 354-357. | 1.0 | 0 |
| 41 | Mechanism and color modulation of fungal bioluminescence. <i>Science Advances</i> , 2017, 3, e1602847. | 10.3 | 74 |
| 42 | Yellow and Orange Fluorescent Proteins with Tryptophan-based Chromophores. <i>ACS Chemical Biology</i> , 2017, 12, 1867-1873. | 3.4 | 6 |
| 43 | 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> , 2017, 53, 930-933. | 1.2 | 3 |
| 44 | 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> , 2017, 43, 612-615. | 1.0 | 3 |
| 45 | The Role of N-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 |
| 46 | 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 |
| 47 | 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 |
| 48 | 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 |
| 49 | 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 |
| 50 | Conformationally locked GFP chromophore derivatives as potential fluorescent sensors. <i>Russian Journal of Bioorganic Chemistry</i> , 2016, 42, 453-456. | 1.0 | 4 |
| 51 | Conformationally locked chromophores of CFP and Sirius protein. <i>Tetrahedron Letters</i> , 2016, 57, 3043-3045. | 1.4 | 12 |
| 52 | Synthesis of novel fluorescent 12a-aryl substituted indoxylisoquinolines via aryne-induced domino process. <i>RSC Advances</i> , 2016, 6, 12642-12646. | 3.6 | 13 |
| 53 | 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 |
| 54 | Reversible condensation of 4-arylidene-1,2-dimethyl-1H-imidazol-5(4H)-ones with aromatic acyl chlorides. <i>Chemistry of Heterocyclic Compounds</i> , 2015, 51, 944-947. | 1.2 | 1 |

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|----|--|-----|-----------|
| 55 | Red-shifted Fluorescent Aminated Derivatives of a Conformationally Locked GFP Chromophore. Chemistry - A European Journal, 2014, 20, 13234-13241. | 3.3 | 68 |
| 56 | Oxidative desulfurization of catalytically cracked gasoline with hydrogen peroxide. Petroleum Chemistry, 2013, 53, 201-204. | 1.4 | 8 |
| 57 | Complex formation of crown ethers with α -amino acids: Estimation by NMR spectroscopy. Russian Journal of Organic Chemistry, 2013, 49, 1386-1396. | 0.8 | 1 |
| 58 | Synthesis and catalytic properties of niobium indenyl peroxy complexes. Russian Journal of General Chemistry, 2012, 82, 1118-1121. | 0.8 | 3 |
| 59 | Novel Benzothiophene-Based Fluorescent Dye Exhibiting a Large Stokes Shift. Synlett, 0, , . | 1.8 | 1 |