

Iuliia A Karpenko

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.

16
papers

490
citations

10
h-index

18
g-index

18
ext. papers

588
ext. citations

5.9
avg, IF

3.4
L-index

#	Paper	IF	Citations
16	Nile Red-Based GPCR Ligands as Ultrasensitive Probes of the Local Lipid Microenvironment of the Receptor. <i>ACS Chemical Biology</i> , 2021 , 16, 651-660	4.9	2
15	Kinetic and Structural Characterization of the Self-Labeling Protein Tags HaloTag7, SNAP-tag, and CLIP-tag. <i>Biochemistry</i> , 2021 , 60, 2560-2575	3.2	18
14	A near-infrared fluorogenic dimer enables background-free imaging of endogenous GPCRs in living mice. <i>Chemical Science</i> , 2020 , 11, 6824-6829	9.4	8
13	Chemoselective Acylation of Hydrazinopeptides to Access Fluorescent Probes for Time-Resolved FRET Assays on GPCRs. <i>Methods in Molecular Biology</i> , 2019 , 1947, 137-147	1.4	
12	[C]PF-3274167 as a PET radiotracer of oxytocin receptors: Radiosynthesis and evaluation in rat brain. <i>Nuclear Medicine and Biology</i> , 2017 , 55, 1-6	2.1	5
11	Push-pull dioxaborine as fluorescent molecular rotor: far-red fluorogenic probe for ligand-receptor interactions. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 3002-3009	7.1	61
10	Dual emissive analogue of deoxyuridine as a sensitive hydration-reporting probe for discriminating mismatched from matched DNA and DNA/DNA from DNA/RNA duplexes. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 3010-3017	7.1	12
9	Convenient Access to Fluorescent Probes by Chemoselective Acylation of Hydrazinopeptides: Application to the Synthesis of the First Far-Red Ligand for Apelin Receptor Imaging. <i>Chemistry - A European Journal</i> , 2016 , 22, 1399-405	4.8	7
8	Development of environmentally sensitive fluorescent and dual emissive deoxyuridine analogues. <i>RSC Advances</i> , 2015 , 5, 33536-33545	3.7	33
7	Imaging and manipulating proteins in live cells through covalent labeling. <i>Nature Chemical Biology</i> , 2015 , 11, 917-23	11.7	137
6	Fluorogenic squaraine dimers with polarity-sensitive folding as bright far-red probes for background-free bioimaging. <i>Journal of the American Chemical Society</i> , 2015 , 137, 405-12	16.4	71
5	Selective nonpeptidic fluorescent ligands for oxytocin receptor: design, synthesis, and application to time-resolved FRET binding assay. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 2547-52	8.3	16
4	Squaraine as a bright, stable and environment-sensitive far-red label for receptor-specific cellular imaging. <i>Chemical Communications</i> , 2015 , 51, 2960-3	5.8	38
3	Rational design of a solvatochromic fluorescent uracil analogue with a dual-band ratiometric response based on 3-hydroxychromone. <i>Chemistry - A European Journal</i> , 2014 , 20, 1998-2009	4.8	42
2	Red fluorescent turn-on ligands for imaging and quantifying G protein-coupled receptors in living cells. <i>ChemBioChem</i> , 2014 , 15, 359-63	3.8	38
1	Synthesis of calixarene-based ketocyanine fluorophores. <i>Tetrahedron Letters</i> , 2011 , 52, 3922-3925	2	2