

Grazvydas Lukinavicius

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.

36
papers

2,629
citations

20
h-index

45
g-index

45
ext. papers

3,274
ext. citations

11.1
avg, IF

4.9
L-index

#	Paper	IF	Citations
36	Mechanism of spindle pole organization and instability in human oocytes.. <i>Science</i> , 2022 , 375, eabj3944	33.3	7
35	Blinking Fluorescent Probes for Tubulin Nanoscopy in Living and Fixed Cells. <i>ACS Chemical Biology</i> , 2021 , 16, 2130-2136	4.9	4
34	Parental genome unification is highly error-prone in mammalian embryos. <i>Cell</i> , 2021 , 184, 2860-2877.e236.2	236.2	21
33	Inside a Shell-Organometallic Catalysis Inside Encapsulin Nanoreactors. <i>Angewandte Chemie</i> , 2021 , 133, 24028	3.6	2
32	Inside a Shell-Organometallic Catalysis Inside Encapsulin Nanoreactors. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 23835-23841	16.4	4
31	Far-red switching DNA probes for live cell nanoscopy. <i>Chemical Communications</i> , 2020 , 56, 14797-14800	5.8	5
30	Enhancing the biocompatibility of rhodamine fluorescent probes by a neighbouring group effect. <i>Chemical Science</i> , 2020 , 11, 7313-7323	9.4	14
29	Efflux pump insensitive rhodamine-jasplakinolide conjugates for G- and F-actin imaging in living cells. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 2929-2937	3.9	10
28	Rhodamine-Hoechst positional isomers for highly efficient staining of heterochromatin. <i>Chemical Science</i> , 2019 , 10, 1962-1970	9.4	43
27	Application of STED imaging for chromatin studies. <i>Journal Physics D: Applied Physics</i> , 2019 , 52, 504003	3	13
26	Triarylmethane Fluorophores Resistant to Oxidative Photobleaching. <i>Journal of the American Chemical Society</i> , 2019 , 141, 981-989	16.4	55
25	Fluorescent dyes and probes for super-resolution microscopy of microtubules and tracheoles in living cells and tissues. <i>Chemical Science</i> , 2018 , 9, 3324-3334	9.4	47
24	The Use of Hoechst Dyes for DNA Staining and beyond. <i>Chemosensors</i> , 2018 , 6, 18	4	63
23	Cell-Permeant Large Stokes Shift Dyes for Transfection-Free Multicolor Nanoscopy. <i>Journal of the American Chemical Society</i> , 2017 , 139, 12378-12381	16.4	77
22	High-Affinity Functional Fluorescent Ligands for Human β Adrenoceptors. <i>Scientific Reports</i> , 2017 , 7, 12319	4.9	7
21	Fluorogenic Probes for Multicolor Imaging in Living Cells. <i>Journal of the American Chemical Society</i> , 2016 , 138, 9365-8	16.4	149
20	SiR-Hoechst is a far-red DNA stain for live-cell nanoscopy. <i>Nature Communications</i> , 2015 , 6, 8497	17.4	171

19	Fluorescent labeling of SNAP-tagged proteins in cells. <i>Methods in Molecular Biology</i> , 2015 , 1266, 107-18	1.4	14
18	Fluorescence microscopy: strategic blinking. <i>Nature Chemistry</i> , 2014 , 6, 663-4	17.6	12
17	Fluorogenic probes for live-cell imaging of the cytoskeleton. <i>Nature Methods</i> , 2014 , 11, 731-3	21.6	507
16	Reduced dyes enhance single-molecule localization density for live superresolution imaging. <i>ChemPhysChem</i> , 2014 , 15, 750-5	3.2	13
15	Selective chemical crosslinking reveals a Cep57-Cep63-Cep152 centrosomal complex. <i>Current Biology</i> , 2013 , 23, 265-70	6.3	78
14	A near-infrared fluorophore for live-cell super-resolution microscopy of cellular proteins. <i>Nature Chemistry</i> , 2013 , 5, 132-9	17.6	607
13	Enhanced chemical stability of adomet analogues for improved methyltransferase-directed labeling of DNA. <i>ACS Chemical Biology</i> , 2013 , 8, 1134-9	4.9	43
12	Commercial Cdk1 antibodies recognize the centrosomal protein Cep152. <i>BioTechniques</i> , 2013 , 55, 111-4	2.5	8
11	Substrates for improved live-cell fluorescence labeling of SNAP-tag. <i>Current Pharmaceutical Design</i> , 2013 , 19, 5414-20	3.3	26
10	Engineering the DNA cytosine-5 methyltransferase reaction for sequence-specific labeling of DNA. <i>Nucleic Acids Research</i> , 2012 , 40, 11594-602	20.1	37
9	Visualizing biochemical activities in living cells through chemistry. <i>Chimia</i> , 2011 , 65, 868-71	1.3	13
8	Switchable fluorophores for protein labeling in living cells. <i>Current Opinion in Chemical Biology</i> , 2011 , 15, 768-74	9.7	30
7	Targeted photoswitchable probe for nanoscopy of biological structures. <i>ChemBioChem</i> , 2010 , 11, 1361-3	3.8	17
6	Cytosine-5-methyltransferases add aldehydes to DNA. <i>Nature Chemical Biology</i> , 2009 , 5, 400-2	11.7	121
5	Selective cross-linking of interacting proteins using self-labeling tags. <i>Journal of the American Chemical Society</i> , 2009 , 131, 17954-62	16.4	57
4	AdoMet-Dependent Methyltransferases, <i>Chemistry of</i> 2008 , 1		1
3	Targeted labeling of DNA by methyltransferase-directed transfer of activated groups (mTAG). <i>Journal of the American Chemical Society</i> , 2007 , 129, 2758-9	16.4	95
2	Direct transfer of extended groups from synthetic cofactors by DNA methyltransferases. <i>Nature Chemical Biology</i> , 2006 , 2, 31-2	11.7	176

- 1 Synthesis of S-adenosyl-L-methionine analogs and their use for sequence-specific transalkylation of DNA by methyltransferases. *Nature Protocols*, **2006**, 1, 1879-86 18.8 80