

AurÃ©lien Godinat

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

731
citations

687363

13
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

1074
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial copper depletion suppresses triple-negative breast cancer in mice. <i>Nature Biotechnology</i> , 2021, 39, 357-367.	17.5	163
2	Activity-based protein profiling reveals deubiquitinase and aldehyde dehydrogenase targets of a cyanopyrrolidine probe. <i>RSC Medicinal Chemistry</i> , 2021, 12, 1935-1943.	3.9	11
3	Noninvasive imaging and quantification of bile salt hydrolase activity: From bacteria to humans. <i>Science Advances</i> , 2021, 7, .	10.3	25
4	Portable bioluminescent platform for in vivo monitoring of biological processes in non-transgenic animals. <i>Nature Communications</i> , 2021, 12, 2680.	12.8	16
5	A bioluminescent probe for longitudinal monitoring of mitochondrial membrane potential. <i>Nature Chemical Biology</i> , 2020, 16, 1385-1393.	8.0	35
6	Discovery of a Potent and Selective Covalent Inhibitor and Activity-Based Probe for the Deubiquitylating Enzyme UCHL1, with Antifibrotic Activity. <i>Journal of the American Chemical Society</i> , 2020, 142, 12020-12026.	13.7	51
7	Bioorthogonal chemistry in bioluminescence imaging. <i>Drug Discovery Today</i> , 2018, 23, 1584-1590.	6.4	16
8	Development of a Bioluminescent Nitroreductase Probe for Preclinical Imaging. <i>PLoS ONE</i> , 2015, 10, e0131037.	2.5	36
9	Live-cell multiplane three-dimensional super-resolution optical fluctuation imaging. <i>Nature Communications</i> , 2014, 5, 5830.	12.8	133
10	A Biocompatible α -Split Luciferin Reaction and Its Application for Noninvasive Bioluminescent Imaging of Protease Activity in Living Animals. <i>Current Protocols in Chemical Biology</i> , 2014, 6, 169-189.	1.7	8
11	A Biocompatible <i>in Vivo</i> Ligation Reaction and Its Application for Noninvasive Bioluminescent Imaging of Protease Activity in Living Mice. <i>ACS Chemical Biology</i> , 2013, 8, 987-999.	3.4	51
12	Covalent Cell Surface Functionalization of Human Fetal Osteoblasts for Tissue Engineering. <i>Bioconjugate Chemistry</i> , 2011, 22, 1422-1432.	3.6	22
13	Ruthenium-Catalyzed Synthesis of 1,5-Dichlorides by Sequential Intermolecular Kharasch Reactions. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 249-255.	2.4	17
14	Cross-Coupling of Nonactivated Alkyl Halides with Alkynyl Grignard Reagents: A Nickel Pincer Complex as the Catalyst. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11777-11781.	13.8	108