

# AurÃ©lien Godinat

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5299998/publications.pdf>

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	Live-cell multiplane three-dimensional super-resolution optical fluctuation imaging. <i>Nature Communications</i> , 2014, 5, 5830.	12.8	133
3	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
4	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
5	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
6	Development of a Bioluminescent Nitroreductase Probe for Preclinical Imaging. <i>PLoS ONE</i> , 2015, 10, e0131037.	2.5	36
7	A bioluminescent probe for longitudinal monitoring of mitochondrial membrane potential. <i>Nature Chemical Biology</i> , 2020, 16, 1385-1393.	8.0	35
8	Noninvasive imaging and quantification of bile salt hydrolase activity: From bacteria to humans. <i>Science Advances</i> , 2021, 7, .	10.3	25
9	Covalent Cell Surface Functionalization of Human Fetal Osteoblasts for Tissue Engineering. <i>Bioconjugate Chemistry</i> , 2011, 22, 1422-1432.	3.6	22
10	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
11	Bioorthogonal chemistry in bioluminescence imaging. <i>Drug Discovery Today</i> , 2018, 23, 1584-1590.	6.4	16
12	Portable bioluminescent platform for in vivo monitoring of biological processes in non-transgenic animals. <i>Nature Communications</i> , 2021, 12, 2680.	12.8	16
13	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
14	A Biocompatible 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