

Beln Rubio-Ruiz

List of Publications by Citations

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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.

34
papers

845
citations

16
h-index

29
g-index

37
ext. papers

1,109
ext. citations

8.5
avg, IF

4.12
L-index

#	Paper	IF	Citations
34	Lysophosphatidylcholine Regulates Sexual Stage Differentiation in the Human Malaria Parasite <i>Plasmodium falciparum</i> . <i>Cell</i> , 2017 , 171, 1532-1544.e15	56.2	157
33	Cancer-derived exosomes loaded with ultrathin palladium nanosheets for targeted bioorthogonal catalysis. <i>Nature Catalysis</i> , 2019 , 2, 864-872	36.5	119
32	Gold-Triggered Uncaging Chemistry in Living Systems. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 12548-12552	16.4	92
31	Efficient Palladium-Triggered Release of Vorinostat from a Bioorthogonal Precursor. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 9974-9980	8.3	68
30	Bright insights into palladium-triggered local chemotherapy. <i>Chemical Science</i> , 2018 , 9, 7354-7361	9.4	47
29	Bioorthogonal Uncaging of the Active Metabolite of Irinotecan by Palladium-Functionalized Microdevices. <i>Chemistry - A European Journal</i> , 2018 , 24, 16783-16790	4.8	35
28	Pharmaco-genomic investigations of organo-iridium anticancer complexes reveal novel mechanism of action. <i>Metallomics</i> , 2018 , 10, 93-107	4.5	32
27	The mechanism of allosteric coupling in choline kinase β revealed by the action of a rationally designed inhibitor. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 4582-6	16.4	28
26	Effects of indomethacin, nimesulide, and diclofenac on human MG-63 osteosarcoma cell line. <i>Biological Research for Nursing</i> , 2012 , 14, 98-107	2.6	26
25	<i>Plasmodium falciparum</i> Choline Kinase Inhibition Leads to a Major Decrease in Phosphatidylethanolamine Causing Parasite Death. <i>Scientific Reports</i> , 2016 , 6, 33189	4.9	25
24	High-Precision Photothermal Ablation Using Biocompatible Palladium Nanoparticles and Laser Scanning Microscopy. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 3341-3348	9.5	23
23	Design, synthesis, theoretical calculations and biological evaluation of new non-symmetrical choline kinase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2012 , 50, 154-62	6.8	23
22	Effect of acetaminophen (paracetamol) on human osteosarcoma cell line MG63. <i>Acta Pharmacologica Sinica</i> , 2010 , 31, 1495-9	8	22
21	Gold-Triggered Uncaging Chemistry in Living Systems. <i>Angewandte Chemie</i> , 2017 , 129, 12722-12726	3.6	21
20	N-alkynyl derivatives of 5-fluorouracil: susceptibility to palladium-mediated dealkylation and toxigenicity in cancer cell culture. <i>Frontiers in Chemistry</i> , 2014 , 2, 56	5	19
19	Bioorthogonal Uncaging of Cytotoxic Paclitaxel through Pd Nanosheet-Hydrogel Frameworks. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 9650-9659	8.3	19
18	Discovery of a new binding site on human choline kinase β : design, synthesis, crystallographic studies, and biological evaluation of asymmetrical bispyridinium derivatives. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 507-15	8.3	15

17	Determination of potential scaffolds for human choline kinase β by chemical deconvolution studies. <i>ChemBioChem</i> , 2013 , 14, 1291-5	3.8	11
16	Design and manufacture of functional catalyst-carrier structures for the bioorthogonal activation of anticancer agents. <i>New Journal of Chemistry</i> , 2019 , 43, 1449-1458	3.6	10
15	Has catechol-O-methyltransferase genotype (Val158Met) an influence on endocrine, sympathetic nervous and humoral immune systems in women with fibromyalgia syndrome?. <i>Clinical Journal of Pain</i> , 2014 , 30, 199-204	3.5	7
14	Antiproliferative activity, cell cycle, and apoptosis studies of a series of 6-substituted 9H-purin-9-yl-pyridinium derivatives on a human cervical carcinoma cell line. <i>ChemMedChem</i> , 2013 , 8, 1266-9	3.7	7
13	In vitro antiplasmodial and cytotoxic activities of asymmetrical pyridinium derivatives. <i>European Journal of Medicinal Chemistry</i> , 2014 , 85, 289-92	6.8	6
12	Influence of gender in the psychoneuroimmunological response to therapeutic interval exercise. <i>Biological Research for Nursing</i> , 2012 , 14, 357-63	2.6	6
11	Nondestructive production of exosomes loaded with ultrathin palladium nanosheets for targeted bio-orthogonal catalysis. <i>Nature Protocols</i> , 2021 , 16, 131-163	18.8	6
10	Recent advances in the design of choline kinase β inhibitors and the molecular basis of their inhibition. <i>Medicinal Research Reviews</i> , 2021 , 41, 902-927	14.4	5
9	Purine derivatives with heterocyclic moieties and related analogs as new antitumor agents. <i>Future Medicinal Chemistry</i> , 2019 , 11, 83-95	4.1	4
8	A minimally-masked inactive prodrug of panobinostat that is bioorthogonally activated by gold chemistry. <i>Bioorganic and Medicinal Chemistry</i> , 2021 , 41, 116217	3.4	4
7	^1H and ^{13}C NMR spectral assignments of pyridinium salts linked to a N-9 or N-3 adenine moiety. <i>Magnetic Resonance in Chemistry</i> , 2012 , 50, 466-9	2.1	3
6	The Mechanism of Allosteric Coupling in Choline Kinase β Revealed by the Action of a Rationally Designed Inhibitor. <i>Angewandte Chemie</i> , 2013 , 125, 4680-4684	3.6	2
5	Choline kinase inhibition and docking studies of a series of 6-(benzylthio)-9H-purin-9-yl-pyridinium derivatives. <i>Medicinal Chemistry Research</i> , 2017 , 26, 2809-2815	2.2	1
4	A 5-FU Precursor Designed to Evade Anabolic and Catabolic Drug Pathways and Activated by Pd Chemistry and .. <i>Journal of Medicinal Chemistry</i> , 2022 ,	8.3	1
3	Innenrücktitelbild: Gold-Triggered Uncaging Chemistry in Living Systems (Angew. Chem. 41/2017). <i>Angewandte Chemie</i> , 2017 , 129, 12965-12965	3.6	
2	NMR spectroscopic characterization of new nonsymmetrical bispyridinium choline kinase inhibitors. <i>Magnetic Resonance in Chemistry</i> , 2014 , 52, 470-3	2.1	
1	Masking Strategies for the Bioorthogonal Release of Anticancer Glycosides 2018 , 269-298		