

Mirna El Khatib

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

557
citations

759233

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839539

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all docs

19
docs citations

19
times ranked

807
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric Arylation/Heteroarylation of Chiral α -Aminoalkyltrifluoroborates by Synergistic Iridium Photoredox/Nickel Cross-Coupling Catalysis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 254-258.	13.8	131
2	Benzotriazol-1-yl-sulfonyl Azide for Diazotransfer and Preparation of Azidoacylbenzotriazoles. <i>Journal of Organic Chemistry</i> , 2010, 75, 6532-6539.	3.2	52
3	In vivo imaging and analysis of cerebrovascular hemodynamic responses and tissue oxygenation in the mouse brain. <i>Nature Protocols</i> , 2018, 13, 1377-1402.	12.0	45
4	Copper(II)-Mediated <i>ortho</i> -Arylation of Protected Serines and Threonines. <i>Organic Letters</i> , 2014, 16, 4944-4947.	4.6	43
5	Merger of dynamic two-photon and phosphorescence lifetime microscopy reveals dependence of lymphocyte motility on oxygen in solid and hematological tumors. , 2019, 7, 78.		42
6	Spatiotemporal blood vessel specification at the osteogenesis and angiogenesis interface of biomimetic nanofiber-enabled bone tissue engineering. <i>Biomaterials</i> , 2021, 276, 121041.	11.4	39
7	Photoinduced 1,2-dicarboxylation of alkenes with organotrifluoroborate nucleophiles via radical/polar crossover. <i>Chemical Science</i> , 2021, 12, 9189-9195.	7.4	36
8	Electrospun Fiber Mesh for High-Resolution Measurements of Oxygen Tension in Cranial Bone Defect Repair. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 33548-33558.	8.0	30
9	Traceless chemical ligations from O-acyl serine sites. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 4836.	2.8	19
10	Solution-phase synthesis of chiral O-acyl isodipeptides. <i>MedChemComm</i> , 2011, 2, 1087.	3.4	18
11	In vivo deep-tissue microscopy with UCNPs/janus-dendrimers as imaging probes: resolution at depth and feasibility of ratiometric sensing. <i>Nanoscale</i> , 2020, 12, 2657-2672.	5.6	18
12	Ultrafast Tracking of Oxygen Dynamics During Proton FLASH. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 113, 624-634.	0.8	18
13	Neurophotonic Tools for Microscopic Measurements and Manipulation: Status Report. <i>Neurophotonics</i> , 2022, 9, 013001.	3.3	17
14	Inhibition of Oxidative Phosphorylation Reverses Bone Marrow Hypoxia Visualized in Imageable Syngeneic B-ALL Mouse Model. <i>Frontiers in Oncology</i> , 2020, 10, 991.	2.8	11
15	Arylation and Heteroarylation of Thienylsulfonamides with Organotrifluoroborates. <i>Journal of Organic Chemistry</i> , 2014, 79, 7243-7249.	3.2	9
16	Oxygen Monitoring in Model Solutions and In Vivo in Mice During Proton Irradiation at Conventional and FLASH Dose Rates. <i>Radiation Research</i> , 2022, 198, .	1.5	9
17	Blood Flow Measurements Enable Optimization of Light Delivery for Personalized Photodynamic Therapy. <i>Cancers</i> , 2020, 12, 1584.	3.7	8
18	Microwave-Assisted Regiospecific Synthesis of Pseudohalohydrin Esters. <i>Synlett</i> , 2012, 23, 1384-1388.	1.8	7

#	ARTICLE	IF	CITATIONS
19	<p>Prospects for the Use of Upconverting Nanoparticles as a Contrast Agent for Enumeration of Circulating Cells in vivo. International Journal of Nanomedicine, 2020, Volume 15, 1709-1719.</p>	6.7	5