

Mirna El Khatib

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

557
citations

759233

12
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

807
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrafast Tracking of Oxygen Dynamics During Proton FLASH. International Journal of Radiation Oncology Biology Physics, 2022, 113, 624-634.	0.8	18
2	Neurophotonic Tools for Microscopic Measurements and Manipulation: Status Report. Neurophotonics, 2022, 9, 013001.	3.3	17
3	Oxygen Monitoring in Model Solutions and In Vivo in Mice During Proton Irradiation at Conventional and FLASH Dose Rates. Radiation Research, 2022, 198, .	1.5	9
4	Photoinduced 1,2-dicarbofunctionalization of alkenes with organotrifluoroborate nucleophiles via radical/polar crossover. Chemical Science, 2021, 12, 9189-9195.	7.4	36
5	Spatiotemporal blood vessel specification at the osteogenesis and angiogenesis interface of biomimetic nanofiber-enabled bone tissue engineering. Biomaterials, 2021, 276, 121041.	11.4	39
6	In vivo deep-tissue microscopy with UCNP/Janus-dendrimers as imaging probes: resolution at depth and feasibility of ratiometric sensing. Nanoscale, 2020, 12, 2657-2672.	5.6	18
7	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.	6.7	5
8	Blood Flow Measurements Enable Optimization of Light Delivery for Personalized Photodynamic Therapy. Cancers, 2020, 12, 1584.	3.7	8
9	Inhibition of Oxidative Phosphorylation Reverses Bone Marrow Hypoxia Visualized in Imageable Syngeneic B-ALL Mouse Model. Frontiers in Oncology, 2020, 10, 991.	2.8	11
10	Electrospun Fiber Mesh for High-Resolution Measurements of Oxygen Tension in Cranial Bone Defect Repair. ACS Applied Materials & Interfaces, 2019, 11, 33548-33558.	8.0	30
11	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
12	In vivo imaging and analysis of cerebrovascular hemodynamic responses and tissue oxygenation in the mouse brain. Nature Protocols, 2018, 13, 1377-1402.	12.0	45
13	Arylation/Heteroarylation of Chiral Aminomethyltrifluoroborates by Synergistic Iridium Photoredox/Nickel Cross-Coupling Catalysis. Angewandte Chemie - International Edition, 2016, 55, 254-258.	13.8	131
14	Copper(II)-Mediated O-Arylation of Protected Serines and Threonines. Organic Letters, 2014, 16, 4944-4947.	4.6	43
15	Arylation and Heteroarylation of Thienylsulfonamides with Organotrifluoroborates. Journal of Organic Chemistry, 2014, 79, 7243-7249.	3.2	9
16	Microwave-Assisted Regiospecific Synthesis of Pseudohalohydrin Esters. Synlett, 2012, 23, 1384-1388.	1.8	7
17	Traceless chemical ligations from O-acyl serine sites. Organic and Biomolecular Chemistry, 2012, 10, 4836.	2.8	19
18	Solution-phase synthesis of chiral O-acyl isodipeptides. MedChemComm, 2011, 2, 1087.	3.4	18

#	ARTICLE	IF	CITATIONS
19	Benzotriazol-1-yl-sulfonyl Azide for Diazotransfer and Preparation of Azidoacylbenzotriazoles. Journal of Organic Chemistry, 2010, 75, 6532-6539.	3.2	52