

Mathilde BouchÃ©

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

469
citations

933447

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h-index

839539

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20
all docs

20
docs citations

20
times ranked

713
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Molecular Imaging with Gold Nanoparticles. <i>Bioconjugate Chemistry</i> , 2020, 31, 303-314.	3.6	95
2	Dextran-Coated Cerium Oxide Nanoparticles: A Computed Tomography Contrast Agent for Imaging the Gastrointestinal Tract and Inflammatory Bowel Disease. <i>ACS Nano</i> , 2020, 14, 10187-10197.	14.6	89
3	Activatable Hybrid Polyphosphazene-AuNP Nanoprobe for ROS Detection by Bimodal PA/CT Imaging. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 28648-28656.	8.0	45
4	Biodegradable Gold Nanoclusters with Improved Excretion Due to pH-Triggered Hydrophobic-to-Hydrophilic Transition. <i>Journal of the American Chemical Society</i> , 2020, 142, 7783-7794.	13.7	40
5	Recent advances in iron-complexes as drug candidates for cancer therapy: reactivity, mechanism of action and metabolites. <i>Dalton Transactions</i> , 2020, 49, 11451-11466.	3.3	34
6	Renally Excretable and Size-Tunable Silver Sulfide Nanoparticles for Dual-Energy Mammography or Computed Tomography. <i>Chemistry of Materials</i> , 2019, 31, 7845-7854.	6.7	33
7	Detecting and Monitoring Hydrogels with Medical Imaging. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 4027-4047.	5.2	30
8	Exploring diversity in platinum(^{IV}) N-heterocyclic carbene complexes: synthesis, characterization, reactivity and biological evaluation. <i>Dalton Transactions</i> , 2018, 47, 11491-11502.	3.3	22
9	Novel Treatment for Glioblastoma Delivered by a Radiation Responsive and Radiopaque Hydrogel. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 3209-3220.	5.2	20
10	N-Heterocyclic Carbene-Platinum Complexes Featuring an Anthracenyl Moiety: Anti-Cancer Activity and DNA Interaction. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4198.	4.1	17
11	N-Heterocyclic Carbene-Polyethyleneimine (PEI) Platinum Complexes Inducing Human Cancer Cell Death: Polymer Carrier Impact. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3472.	4.1	10
12	Structural and morphological changes of breast cancer cells induced by iron(^{II}) complexes. <i>Nanoscale</i> , 2022, 14, 2735-2749.	5.6	8
13	Effect of Nanoparticle Synthetic Conditions on Ligand Coating Integrity and Subsequent Nano-Biointeractions. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 58401-58410.	8.0	7
14	Synthesis and structural characterization of benzyl-functionalized N-heterocyclic carbene platinum complexes: Dramatic substituent effect on anti-cancer activity. <i>Journal of Organometallic Chemistry</i> , 2019, 899, 120908.	1.8	6
15	Polyphosphazene-Based Nanoparticles as Contrast Agents. <i>ACS Symposium Series</i> , 2018, , 77-100.	0.5	4
16	N-Heterocyclic Carbene Platinum(IV) as Metallodrug Candidates: Synthesis and ¹⁹⁵ Pt NMR Chemical Shift Trend. <i>Molecules</i> , 2020, 25, 3148.	3.8	4
17	In Cellulo Evaluation of the Therapeutic Potential of NHC Platinum Compounds in Metastatic Cutaneous Melanoma. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7826.	4.1	2
18	Biodegradable AuNP-Based Plasmonic Nanogels as Contrast Agents for Computed Tomography and Photoacoustics. <i>Methods in Molecular Biology</i> , 2022, 2393, 773-796.	0.9	1