

Corinna Kaulen

List of Publications by Year in descending order

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15
papers

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1040018

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docs citations

17
times ranked

320
citing authors

#	ARTICLE	IF	CITATIONS
1	Gold nanoparticleâ€modified capacitive fieldâ€effect sensors: Studying the surface density of nanoparticles and coupling of charged polyelectrolyte macromolecules. <i>Electrochemical Science Advances</i> , 2022, 2, .	2.8	6
2	Impact of device design on the electronic and optoelectronic properties of integrated Ru-terpyridine complexes. <i>Beilstein Journal of Nanotechnology</i> , 2022, 13, 219-229.	2.8	3
3	Transport through Redox-Active Ru-Terpyridine Complexes Integrated in Single Nanoparticle Devices. <i>Journal of Physical Chemistry C</i> , 2020, 124, 4881-4889.	3.1	5
4	Controlling the Electronic Contact at the Terpyridine/Metal Interface. <i>Journal of Physical Chemistry C</i> , 2019, 123, 21367-21375.	3.1	10
5	Stepwise Growth of Ruthenium Terpyridine Complexes on Au Surfaces. <i>Journal of Physical Chemistry C</i> , 2019, 123, 6537-6548.	3.1	8
6	Ion specific effects on the immobilisation of charged gold nanoparticles on metal surfaces. <i>RSC Advances</i> , 2018, 8, 1717-1724.	3.6	5
7	Surface coupling strength of gold nanoparticles affects cytotoxicity towards neurons. <i>Biomaterials Science</i> , 2017, 5, 1051-1060.	5.4	7
8	Single Interdigital Transducer Approach for Gravimetric SAW Sensor Applications in Liquid Environments. <i>Sensors</i> , 2017, 17, 2931.	3.8	10
9	Directed Self-Assembly and Infrared Reflection Absorption Spectroscopy Analysis of Amphiphilic and Zwitterionic Janus Gold Nanoparticles. <i>Langmuir</i> , 2016, 32, 954-962.	3.5	10
10	Directed Immobilization of Janus-AuNP in Heterometallic Nanogaps: a Key Step Toward Integration of Functional Molecular Units in Nanoelectronics. <i>Journal of Physical Chemistry C</i> , 2014, 118, 27142-27149.	3.1	16
11	Differential Adsorption of Gold Nanoparticles to Gold/Palladium and Platinum Surfaces. <i>Langmuir</i> , 2014, 30, 574-583.	3.5	16
12	Electrical Characterization of 4-Mercaptophenylamine-Capped Nanoparticles in a Heterometallic Nanoelectrode Gap. <i>Journal of Physical Chemistry C</i> , 2013, 117, 22002-22009.	3.1	10
13	Patterned self-assembly of gold nanoparticles on chemical templates fabricated by soft UV nanoimprint lithography. <i>Nanotechnology</i> , 2011, 22, 295301.	2.6	32
14	Contribution to the Chemistry of Metal Complexes with Stereogenic Metal Centers:â€ Diastereoselective Formation of Ruthenium Half-Sandwich Complexes. <i>Organometallics</i> , 2001, 20, 1614-1619.	2.3	30
15	Cyclopentadienyl-Substituted Phosphaferrocenes:â€ Synthesis of a Bis(phosphaferrocene) P,P-Chelate Ligand. <i>Organometallics</i> , 1999, 18, 5444-5446.	2.3	67