

Santiago Marqu s-Gonz lez

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

566
citations

623734

14
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

712
citing authors

#	ARTICLE	IF	CITATIONS
1	Site-Selection in Single-Molecule Junction for Highly Reproducible Molecular Electronics. Journal of the American Chemical Society, 2016, 138, 1294-1300.	13.7	88
2	Simplifying the conductance profiles of molecular junctions: the use of the trimethylsilylethynyl moiety as a moleculeâ€“gold contact. Dalton Transactions, 2013, 42, 338-341.	3.3	83
3	Solvent Dependence of the Single Molecule Conductance of Oligoynes-Based Molecular Wires. Journal of Physical Chemistry C, 2016, 120, 15666-15674.	3.1	67
4	Combined Spectroscopic and Quantum Chemical Study of [<i>trans</i> -Ru(Câ‰iCC ₆ H ₄) ₂ (dppe) ₂] ⁿ⁺ and [<i>trans</i> -Ru(Câ‰iCC ₆ H ₄) ₂ (Câ‰iCC ₆ H ₄) ₂ R ^{2,3}] ⁿ⁺ (n = 0, 1) Complexes: Interpretations beyond the Lowest Energy Conformer Paradigm. Organometallics, 2014, 33, 4947-4963.	2.8	66
5	Preparation of nascent molecular electronic devices from gold nanoparticles and terminal alkyne functionalised monolayer films. Journal of Materials Chemistry C, 2014, 2, 7348-7355.	5.5	36
6	Single Gold Atom Containing Oligo(phenylene)ethynylene: Assembly into LB Films and Electrical Characterization. Journal of Physical Chemistry C, 2015, 119, 784-793.	3.1	30
7	Effect of the Moleculeâ€“Metal Interface on the Surface-Enhanced Raman Scattering of 1,4-Benzenedithiol. Journal of Physical Chemistry C, 2016, 120, 1038-1042.	3.1	26
8	Acetylene Used as a New Linker for Molecular Junctions in Phenyleneâ€“Ethyne Oligomer Langmuirâ€“Blodgett Films. Journal of Physical Chemistry C, 2012, 116, 9142-9150.	3.1	22
9	From an Organometallic Monolayer to an Organic Monolayer Covered by Metal Nanoislands: A Simple Thermal Protocol for the Fabrication of the Top Contact Electrode in Molecular Electronic Devices. Advanced Materials Interfaces, 2014, 1, 1400128.	3.7	21
10	Surface enhanced Raman scattering of molecules in metallic nanogaps. Journal of Optics (United Kingdom), 2010, 12, 022202.	2.2	20
11	Low variability of single-molecule conductance assisted by bulky metalâ€“molecule contacts. RSC Advances, 2016, 6, 75111-75121.	3.6	18
12	Electrical characterization of single molecule and Langmuirâ€“Blodgett monomolecular films of a pyridine-terminated oligo(phenylene-ethynylene) derivative. Beilstein Journal of Nanotechnology, 2015, 6, 1145-1157.	2.8	17
13	Controlling the Structural and Electrical Properties of Diacid Oligo(Phenylene Ethynylene) Langmuirâ€“Blodgett Films. Chemistry - A European Journal, 2013, 19, 5352-5363.	3.3	16
14	Electrically transmissive alkyne-anchored monolayers on gold. Nanoscale, 2019, 11, 7976-7985.	5.6	16
15	Towards the Fabrication of the Topâ€“Contact Electrode in Molecular Junctions by Photoreduction of a Metal Precursor. Chemistry - A European Journal, 2014, 20, 3421-3426.	3.3	13
16	Towards a metallic top contact electrode in molecular electronic devices exhibiting a large surface coverage by photoreduction of silver cations. Journal of Materials Chemistry C, 2016, 4, 9036-9043.	5.5	13
17	Effect of Mechanical Strain on Electric Conductance of Molecular Junctions. Journal of Physical Chemistry C, 2015, 119, 19452-19457.	3.1	11
18	Determination of the number of atoms present in nano contact based on shot noise measurements with highly stable nano-fabricated electrodes. Nanotechnology, 2016, 27, 295203.	2.6	2

#	ARTICLE	IF	CITATIONS
19	Molecular Electronic Devices: From an Organometallic Monolayer to an Organic Monolayer Covered by Metal Nanoislands: A Simple Thermal Protocol for the Fabrication of the Top Contact Electrode in Molecular Electronic Devices (Adv. Mater. Interfaces 9/2014). Advanced Materials Interfaces, 2014, 1, .	3.7	1