Santiago MarquÃ©s-GonzÃ¡lez

List of Publications by Year
in descending order

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	Electrically transmissive alkyne-anchored monolayers on gold. Nanoscale, 2019, 11, 7976-7985.	5.6	16
2	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
3	Low variability of single-molecule conductance assisted by bulky metalâ€“molecule contacts. RSC Advances, 2016, 6, 75111-75121.	3.6	18
4	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
5	Solvent Dependence of the Single Molecule Conductance of Oligoyne-Based Molecular Wires. Journal of Physical Chemistry C, 2016, 120, 15666-15674.	3.1	67
6	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
7	Site-Selection in Single-Molecule Junction for Highly Reproducible Molecular Electronics. Journal of the American Chemical Society, 2016, 138, 1294-1300.	13.7	88
8	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
9	Effect of Mechanical Strain on Electric Conductance of Molecular Junctions. Journal of Physical Chemistry C, 2015, 119, 19452-19457.	3.1	11
10	Surface enhanced Raman scattering of molecules in metallic nanogaps. Journal of Optics (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.2	20
11	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
12	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
13	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
14	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
15	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
16	Combined Spectroscopic and Quantum Chemical Study of [trans-Ru(Câ‰¡CC₆H₄R¹-4)₂(dppe)₂]ⁿ⁺ and [trans-Ru(Câ‰¡CC₆H₄R¹-4)(Câ‰¡CC₆H₄R²-4)(n = 0, 1) Complexes: Interpretations beyond the Lowest Energy Conformer Paradigm. Organometallics, 2014, 33, 4947-4963.	2.3	66
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Acetylene Used as a New Linker for Molecular Junctions in Phenyleneâ€“Ethynylene Oligomer Langmuirâ€“Blodgett Films. Journal of Physical Chemistry C, 2012, 116, 9142-9150.	3.1	22