Marta M D Ramos

List of Publications by Year
in descending order

26 papers	236 citations	1039406 9 h-index	940134 16 g-index
26 all docs	26 docs citations	26 times ranked	212 citing authors

#	Article	IF	Citations
1	Dissipative particle dynamics simulations of end-cross-linked nanogels. Molecular Simulation, 2021, 47, 27-36.	0.9	3
2	Large-Scale Synthesis of Semiconducting Cu(In,Ga)Se2 Nanoparticles for Screen Printing Application. Nanomaterials, 2021, 11, 1148.	1.9	10
3	Compositional Fluctuations Mediated by Excess Tellurium in Bismuth Antimony Telluride Nanocomposites Yield High Thermoelectric Performance. Journal of Physical Chemistry C, 2021, 125, 20184-20194.	1.5	10
4	Scalable colloidal synthesis of Bi₂Te_{2.7}Se_{0.3} plate-like particles give access to a high-performing n-type thermoelectric material for low temperature application. Nanoscale Advances, 2020, 2, 5699-5709.	2.2	13
5	GAFF-IC: realistic viscosities for isocyanate molecules with a GAFF-based force field. Molecular Simulation, 2019, 45, 207-214.	0.9	9
6	Investigation on the intermolecular interactions in aliphatic isocyanurate liquids: revealing the importance of dispersion. Journal of Molecular Liquids, 2019, 280, 25-33.	2.3	7
7	Self-assembly of bis-salphen compounds: from semiflexible chains to webs of nanorings. Soft Matter, 2018, 14, 1181-1194.	1.2	9
8	Nanorings and rods interconnected by self-assembly mimicking an artificial network of neurons. Nature Communications, 2013, 4, 2648.	5.8	34
9	Electric field induced charge transfer through single- and double-stranded DNA polymer molecules. Soft Matter, 2011, 7, 10091.	1.2	12
10	Multi-scale modelling of polymer-based optoelectronic devices. Proceedings of SPIE, 2011, , .	0.8	0
11	Computational study of the presence of defects in semiconducting polymers on exciton formation. Proceedings of SPIE, 2011, , .	0.8	0
12	Modelling the Effect of Contact Formation on Electron Transfer in Single-Molecule Device. Journal of Nanoscience and Nanotechnology, 2010, 10, 2570-2573.	0.9	0
13	Computational Study of the Influence of Polymer/Polymer Interface Formation on Bilayer-LED Functioning. Materials Science Forum, 2010, 636-637, 325-331.	0.3	0
14	Theoretical study of the influence of salt doping in the functioning of OLEDs. Journal of Materials Chemistry, 2010, 20, 9470.	6.7	2
15	Theoretical study of the influence of the morphology in polymer-based devices functioning. Journal of Materials Science: Materials in Electronics, 2009, 20, 336-340.	1.1	0
16	Mesoscopic Modelling of Polymer-Based Optoelectronic Devices. Plasma Processes and Polymers, 2007, 4, S104-S107.	1.6	7
17	Influence of Oxygen Addition on the Structural and Elastic Properties of TiC Thin Films. Plasma Processes and Polymers, 2007, 4, S195-S199.	1.6	16
18	Mesoscopic modelling of 2-CN-PPV/PPV polymer LED. Journal of Materials Science: Materials in Electronics, 2007, 18, 257-261.	1.1	0

#	Article	IF	Citations
19	Theoretical study of electric field-dependent polaron-type mobility in conjugated polymers. Journal of Materials Science: Materials in Electronics, 2007, 18, 339-342.	1.1	3
20	Modelling the effects of molecular arrangements in polymer light-emitting diodes. Journal of Physics Condensed Matter, 2006, 18, S429-S438.	0.7	10
21	Mechanical and thermal response of enamel to IR radiation: a finite element mesoscopic model. , 2005, , .		2
22	Mesoscopic study of the electronic properties of thin polymer films. Materials Research Society Symposia Proceedings, 2002, 744, 1.	0.1	1
23	Electronic properties of conjugated polymers studies by quantum molecular dynamics simulations. Macromolecular Symposia, 2002, 181, 479-484.	0.4	8
24	Mesoscopic modelling of conducting and semiconducting polymers. Journal of Physics Condensed Matter, 2001, 13, 2411-2424.	0.7	20
25	Feature article: How do they stick together? The statics and dynamics of interfaces. Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties, 1993, 67, 797-811.	0.8	60
26	Theoretical Study of the Influence of Chemical Defects on the Molecular Properties of Semiconducting Polymers. Materials Science Forum, 0, 636-637, 332-337.	0.3	0