

Marta M D Ramos

List of Publications by Year in descending order

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Version: 2024-02-01

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	Feature article: How do they stick together? The statics and dynamics of interfaces. <i>Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties</i> , 1993, 67, 797-811.	0.8	60
2	Nanorings and rods interconnected by self-assembly mimicking an artificial network of neurons. <i>Nature Communications</i> , 2013, 4, 2648.	5.8	34
3	Mesoscopic modelling of conducting and semiconducting polymers. <i>Journal of Physics Condensed Matter</i> , 2001, 13, 2411-2424.	0.7	20
4	Influence of Oxygen Addition on the Structural and Elastic Properties of TiC Thin Films. <i>Plasma Processes and Polymers</i> , 2007, 4, S195-S199.	1.6	16
5	Scalable colloidal synthesis of Bi ₂ Te _{2.7} Se _{0.3} plate-like particles give access to a high-performing n-type thermoelectric material for low temperature application. <i>Nanoscale Advances</i> , 2020, 2, 5699-5709.	2.2	13
6	Electric field induced charge transfer through single- and double-stranded DNA polymer molecules. <i>Soft Matter</i> , 2011, 7, 10091.	1.2	12
7	Modelling the effects of molecular arrangements in polymer light-emitting diodes. <i>Journal of Physics Condensed Matter</i> , 2006, 18, S429-S438.	0.7	10
8	Large-Scale Synthesis of Semiconducting Cu(In,Ga)Se ₂ Nanoparticles for Screen Printing Application. <i>Nanomaterials</i> , 2021, 11, 1148.	1.9	10
9	Compositional Fluctuations Mediated by Excess Tellurium in Bismuth Antimony Telluride Nanocomposites Yield High Thermoelectric Performance. <i>Journal of Physical Chemistry C</i> , 2021, 125, 20184-20194.	1.5	10
10	Self-assembly of bis-salphen compounds: from semiflexible chains to webs of nanorings. <i>Soft Matter</i> , 2018, 14, 1181-1194.	1.2	9
11	GAFF-IC: realistic viscosities for isocyanate molecules with a GAFF-based force field. <i>Molecular Simulation</i> , 2019, 45, 207-214.	0.9	9
12	Electronic properties of conjugated polymers studies by quantum molecular dynamics simulations. <i>Macromolecular Symposia</i> , 2002, 181, 479-484.	0.4	8
13	Mesoscopic Modelling of Polymer-Based Optoelectronic Devices. <i>Plasma Processes and Polymers</i> , 2007, 4, S104-S107.	1.6	7
14	Investigation on the intermolecular interactions in aliphatic isocyanurate liquids: revealing the importance of dispersion. <i>Journal of Molecular Liquids</i> , 2019, 280, 25-33.	2.3	7
15	Theoretical study of electric field-dependent polaron-type mobility in conjugated polymers. <i>Journal of Materials Science: Materials in Electronics</i> , 2007, 18, 339-342.	1.1	3
16	Dissipative particle dynamics simulations of end-cross-linked nanogels. <i>Molecular Simulation</i> , 2021, 47, 27-36.	0.9	3
17	Mechanical and thermal response of enamel to IR radiation: a finite element mesoscopic model. , 2005, , .		2
18	Theoretical study of the influence of salt doping in the functioning of OLEDs. <i>Journal of Materials Chemistry</i> , 2010, 20, 9470.	6.7	2

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19	Mesoscopic study of the electronic properties of thin polymer films. Materials Research Society Symposia Proceedings, 2002, 744, 1.	0.1	1
20	Mesoscopic modelling of 2-CN-PPV/PPV polymer LED. Journal of Materials Science: Materials in Electronics, 2007, 18, 257-261.	1.1	0
21	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
22	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
23	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
24	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
25	Multi-scale modelling of polymer-based optoelectronic devices. Proceedings of SPIE, 2011, , .	0.8	0
26	Computational study of the presence of defects in semiconducting polymers on exciton formation. Proceedings of SPIE, 2011, , .	0.8	0