

Sandra Cruz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6929508/publications.pdf>

Version: 2024-02-01

21
papers

485
citations

933264

10
h-index

752573

20
g-index

21
all docs

21
docs citations

21
times ranked

850
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene oxide versus functionalized carbon nanotubes as a reinforcing agent in a PMMA/HA bone cement. <i>Nanoscale</i> , 2012, 4, 2937.	2.8	115
2	Cell uptake survey of pegylated nanographene oxide. <i>Nanotechnology</i> , 2012, 23, 465103.	1.3	52
3	Graphene: The Missing Piece for Cancer Diagnosis?. <i>Sensors</i> , 2016, 16, 137.	2.1	43
4	Aggregation and micellization of sodium dodecyl sulfate in the presence of Ce(III) at different temperatures: A conductometric study. <i>Journal of Colloid and Interface Science</i> , 2008, 323, 141-145.	5.0	37
5	Vibrational spectroscopic (FT-IR, FT-Raman, SERS) and quantum chemical calculations of 3-(10,10-dimethyl-anthracen-9-ylidene)-N,N,N-trimethylpropanaminium chloride (Melitraceniun) Tj ETQq1 1 0.784314 rgBT / Overlock 1	1.4	30
6	Vibrational spectroscopic studies (FT-IR, FT-Raman, SERS) and quantum chemical calculations on cyclobenzaprinium salicylate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 120, 340-350.	2.0	33
7	Spectroscopic investigation (FT-IR, FT-Raman and SERS), vibrational assignments, HOMO-LUMO analysis and molecular docking study of Opipramol. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 547-559.	2.0	32
8	TiO ₂ -rGO nanocomposite as an efficient catalyst to photodegrade formalin in aquaculture's waters, under solar light. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 1018-1027.	1.2	23
9	Functionalized Graphene Nanocomposites. , 0, , .		21
10	Release of DNA from cryogel PVA-DNA membranes. <i>EXPRESS Polymer Letters</i> , 2010, 4, 480-487.	1.1	15
11	Photoluminescent bimetallic-3-hydroxypicolinate/graphene oxide nanocomposite. <i>RSC Advances</i> , 2012, 2, 9443.	1.7	13
12	Physicochemical and tribological characterizations of WDLC coatings and ionic-liquid lubricant additives: Potential candidates for low friction under boundary-lubrication conditions. <i>Tribology International</i> , 2020, 151, 106482.	3.0	11
13	Triboelectrochemical friction control of W- and Ag-doped DLC coatings in water-glycol with ionic liquids as lubricant additives. <i>RSC Advances</i> , 2022, 12, 3573-3583.	1.7	10
14	Overview on the Antimicrobial Activity and Biocompatibility of Sputtered Carbon-Based Coatings. <i>Processes</i> , 2021, 9, 1428.	1.3	9
15	Improved evolutionary algorithm for the global optimization of clusters with competing attractive and repulsive interactions. <i>Journal of Chemical Physics</i> , 2016, 145, 154109.	1.2	8
16	DNA-poly(vinyl alcohol) gel matrices: Release properties are strongly dependent on electrolytes and cationic surfactants. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 101, 111-117.	2.5	7
17	A Detailed Study on the Low-Energy Structures of Charged Colloidal Clusters. <i>Journal of Physical Chemistry B</i> , 2016, 120, 3455-3466.	1.2	7
18	Carbon-Based Coatings in Medical Textiles Surface Functionalisation: An Overview. <i>Processes</i> , 2021, 9, 1997.	1.3	7

#	ARTICLE	IF	CITATIONS
19	Low-energy structures of clusters modeled with competing repulsive and either long- or moderate short-range attractive interactions. Computational and Theoretical Chemistry, 2017, 1107, 82-93.	1.1	3
20	Potentialities of polymeric electrospun membranes decorated with silver nanoparticles and graphene oxide for biodetection by SERS. CiÃancia & Tecnologia Dos Materiais, 2014, 26, 102-107.	0.5	1
21	The Impact of the Addition of Compatibilizers on Poly (lactic acid) (PLA) Properties after Extrusion Process. Polymers, 2020, 12, 2688.	2.0	1