

Mihai Cosmin Corobea

List of Publications by Year in descending order

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36
papers

477
citations

686830

13
h-index

713013

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all docs

36
docs citations

36
times ranked

740
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel nanocomposite membranes from cellulose acetate and clay-silica nanowires. <i>Polymers for Advanced Technologies</i> , 2016, 27, 1586-1595.	1.6	70
2	San copolymer membranes with ion exchangers for Cu(II) removal from synthetic wastewater by electro dialysis. <i>Journal of Environmental Sciences</i> , 2015, 35, 27-37.	3.2	61
3	New Collagen-Dextran-Zinc Oxide Composites for Wound Dressing. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-7.	1.5	40
4	Advanced functionalization of organoclay nanoparticles by silylation and their polystyrene nanocomposites obtained by miniemulsion polymerization. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	31
5	Implications of silylated montmorillonite on montmorillonite-polyacrylate nanocomposites. <i>Applied Clay Science</i> , 2011, 52, 96-103.	2.6	26
6	Effect of micron sized silver particles concentration on the adhesion induced by sintering and antibacterial properties of hydroxyapatite microcomposites. <i>Journal of Adhesion Science and Technology</i> , 2016, 30, 1829-1841.	1.4	26
7	Halogen-free flame retardants for application in thermoplastics based on condensation polymers. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	23
8	Morphological and Tribological Properties of PMMA/Halloysite Nanocomposites. <i>Polymers</i> , 2018, 10, 816.	2.0	20
9	Synthesis of Polyvinylacetate-Sodium Montmorillonite Hybrids by Emulsion Polymerization in the Presence of Anionic Surfactants. <i>Journal of Dispersion Science and Technology</i> , 2007, 28, 671-679.	1.3	18
10	Poly(vinyl acetate)-clay hybrids prepared via emulsion polymerization, assisted by a nonionic surfactant. <i>Materials Chemistry and Physics</i> , 2007, 103, 118-126.	2.0	17
11	Obtaining of monodisperse particles through soap-free polymerization in the presence of C60. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 355, 23-28.	2.3	16
12	Layered double hydroxides/polymer thin films grown by matrix assisted pulsed laser evaporation. <i>Thin Solid Films</i> , 2013, 543, 63-68.	0.8	16
13	Kinetics of Styrene and Butyl Acrylate Polymerization in Anionic Microemulsions in Presence of Layered Silicates. <i>Polymer Journal</i> , 2008, 40, 163-170.	1.3	15
14	A facile hydrothermal route for the synthesis of γ -FeOOH with controlled morphology. <i>Journal of Crystal Growth</i> , 2012, 348, 40-46.	0.7	12
15	Bio-Based Polyamide 1010 with a Halogen-Free Flame Retardant Based on Melamine-Gallic Acid Complex. <i>Polymers</i> , 2020, 12, 1482.	2.0	11
16	Polymer-silica hybrids obtained by microemulsion polymerization. <i>Colloid and Polymer Science</i> , 2007, 285, 1455-1462.	1.0	9
17	Synthesis of polystyrene/polybutylacrylate/layered silicate nanocomposites in aqueous medium. <i>Colloid and Polymer Science</i> , 2010, 288, 1215-1224.	1.0	9
18	Kinetics and colloidal parameters of miniemulsion polymerization of butyl acrylate. <i>Polymer International</i> , 2009, 58, 1411-1421.	1.6	7

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19	The effect of polystyrene blocks content and of type of elastomer blocks on the properties of block copolymer/layered silicate nanocomposites. <i>Journal of Alloys and Compounds</i> , 2014, 616, 569-576.	2.8	7
20	EPR Spin Probe Investigation into the Synthesis of Mesoporous Silica from the Water/Acetonitrile/ <i>n</i> -Dodecylamine System. <i>Journal of Physical Chemistry C</i> , 2007, 111, 14500-14507.	1.5	5
21	Organo-layered double hydroxides composite thin films deposited by laser techniques. <i>Applied Surface Science</i> , 2016, 374, 326-330.	3.1	5
22	Preliminary Studies on Graphene-Reinforced 3D Products Obtained by the One-Stage Sacrificial Template Method for Bone Reconstruction Applications. <i>Journal of Functional Biomaterials</i> , 2021, 12, 13.	1.8	5
23	Styrene and Butyl Acrylate Polymerization in Nonionic Microemulsions in Presence of Layered Silicates. <i>Journal of Dispersion Science and Technology</i> , 2008, 29, 340-346.	1.3	4
24	Synthesis and Characterization of Polystyrene, Poly(butyl acrylate)-Layered Silicates Nanocomposites by Polymerization in Anionic Microemulsions. <i>Journal of Dispersion Science and Technology</i> , 2009, 30, 166-173.	1.3	4
25	Polyacrylonitrile/MWCNT hybrids obtained by free radical polymerization in miniemulsions. <i>Journal of Polymer Research</i> , 2013, 20, 1.	1.2	4
26	Nanocomposites based on MWCNT and polystyrene, styrene/acrylonitrile copolymer, or polymethylmethacrylate, obtained by miniemulsion polymerization. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	3
27	Silica nanowires obtained on clay mineral layers and their influence on mini-emulsion polymerisation. <i>Applied Clay Science</i> , 2014, 95, 232-242.	2.6	3
28	Stearic Acid/Layered Double Hydroxides Composite Thin Films Deposited by Combined Laser Techniques. <i>Molecules</i> , 2020, 25, 4097.	1.7	3
29	Nanotechnology applied in archaeometry: restoration and conservation. , 2010, , .		2
30	Polystyrene latex particles obtained by emulsifier-free emulsion polymerization and their interaction with bentonite. <i>E-Polymers</i> , 2011, 11, .	1.3	2
31	Polymer-silica hybrids latexes dyed with Rhodamine B. <i>E-Polymers</i> , 2008, 8, .	1.3	1
32	Polymer-carbon nanotubes composites obtained via radical polymerization in water-dispersed media. , 2017, , 281-305.		1
33	The Effect of SEBS/Halloysite Masterbatch Obtained in Different Extrusion Conditions on the Properties of Hybrid Polypropylene/Glass Fiber Composites for Auto Parts. <i>Polymers</i> , 2021, 13, 3560.	2.0	1
34	New nanobiomaterials based on irridoidic compounds. <i>Proceedings of SPIE</i> , 2009, , .	0.8	0
35	Nanomaterials with antioxidant properties, obtained via biotechnology, using the solid state biosynthesis. <i>Molecular Crystals and Liquid Crystals</i> , 2016, 627, 210-219.	0.4	0
36	The Effect of Graphene Nanoplatelets on the Properties of Hybrid Polyamide/Glass Fiber Composites. , 2022, 7, .		0