

Robert MouÄka

List of Publications by Year in descending order

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papers

735
citations

430874

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all docs

30
docs citations

30
times ranked

941
citing authors

#	ARTICLE	IF	CITATIONS
1	Electromagnetic interference shielding of polypyrrole nanostructures. <i>Synthetic Metals</i> , 2020, 269, 116573.	3.9	37
2	One-Dimensional Nanostructures of Polypyrrole for Shielding of Electromagnetic Interference in the Microwave Region. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8814.	4.1	15
3	Lightweight, transparent piezoresistive sensors conceptualized as anisotropic magnetorheological elastomers: A durability study. <i>International Journal of Mechanical Sciences</i> , 2020, 183, 105816.	6.7	20
4	A systematical study of the overall influence of carbon allotrope additives on performance, stability and redispersibility of magnetorheological fluids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 543, 83-92.	4.7	55
5	Tunable electrorheological performance of silicone oil suspensions based on controllably reduced graphene oxide by surface initiated atom transfer radical polymerization of poly(glycidyl) Tj ETQq1 1 0.784314 rgB5.6 Overlock210 Tf 50	3.6	20
6	Surface-initiated atom transfer radical polymerization from graphene oxide: A way towards fine tuning of electric conductivity and electro-responsive capabilities. <i>Materials Letters</i> , 2018, 211, 138-141.	2.6	23
7	Electric properties of MnZn ferrite/polyaniline composites: the implication of polyaniline morphology. <i>Journal of Materials Science</i> , 2018, 53, 1995-2004.	3.7	6
8	Enhanced Charpy impact strength of epoxy resin modified with vinyl-terminated polydimethylsiloxane. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45720.	2.6	19
9	Radio-absorbers Based on MnZn-ferrite and Polyaniline. , 2018, , .		3
10	The enhanced MR performance of dimorphic MR suspensions containing either magnetic rods or their non-magnetic analogs. <i>Smart Materials and Structures</i> , 2017, 26, 025026.	3.5	36
11	Electromagnetic shielding of polypyrrole-“sawdust composites: polypyrrole globules and nanotubes. <i>Cellulose</i> , 2017, 24, 3445-3451.	4.9	27
12	Enhancement of radio-absorbing properties and thermal conductivity of polysiloxane-based magnetorheological elastomers by the alignment of filler particles. <i>Smart Materials and Structures</i> , 2017, 26, 095005.	3.5	31
13	Electromagnetic, magnetorheological and stability properties of polysiloxane elastomers based on silane-“modified carbonyl iron particles with enhanced wettability. <i>Smart Materials and Structures</i> , 2017, 26, 105003.	3.5	27
14	A Highly Flexible Supercapacitor Based on MnO ₂ /RGO Nanosheets and Bacterial Cellulose-Filled Gel Electrolyte. <i>Materials</i> , 2017, 10, 1251.	2.9	47
15	Optimized Frequency Selective Surface for the Design of Magnetic Type Thin Broadband Radio Absorbers. <i>Acta Physica Polonica A</i> , 2017, 131, 1147-1149.	0.5	0
16	Conductivity, impurity profile, and cytotoxicity of solvent-extracted polyaniline. <i>Polymers for Advanced Technologies</i> , 2016, 27, 156-161.	3.2	16
17	Chain-growth copolymerization of functionalized ethynylarenes with 1,4-diethynylbenzene and 4,4-“diethynylbiphenyl into conjugated porous networks. <i>European Polymer Journal</i> , 2015, 67, 252-263.	5.4	12
18	Size Dependent Heating Efficiency of Iron Oxide Single Domain Nanoparticles. <i>Procedia Engineering</i> , 2015, 102, 527-533.	1.2	8

#	ARTICLE	IF	CITATIONS
19	Multicomponent Magnetic Particles With Controllable Electromagnetic Properties. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	2
20	Charge transport and dielectric relaxation processes in aniline-based oligomers. Synthetic Metals, 2014, 192, 37-42.	3.9	11
21	Correlation of structural and magnetic properties of Fe ₃ O ₄ nanoparticles with their calorimetric and magnetorheological performance. Journal of Magnetism and Magnetic Materials, 2013, 326, 7-13.	2.3	42
22	Increasing the high-frequency magnetic permeability of MnZn ferrite in polyaniline composites by incorporating silver. Journal of Magnetism and Magnetic Materials, 2013, 333, 30-38.	2.3	21
23	Electrical transport properties of poly(aniline-co-p-phenylenediamine) and its composites with incorporated silver particles. Chemical Papers, 2013, 67, .	2.2	12
24	Magnetoactive feature of in-situ polymerised polyaniline film developed on the surface of manganese-zinc ferrite. Applied Surface Science, 2012, 258, 7707-7716.	6.1	24
25	Effect of Surfactants and Manufacturing Methods on the Electrical and Thermal Conductivity of Carbon Nanotube/Silicone Composites. Molecules, 2012, 17, 13157-13174.	3.8	46
26	Combined effect of demagnetizing field and induced magnetic anisotropy on the magnetic properties of manganese-zinc ferrite composites. Journal of Magnetism and Magnetic Materials, 2012, 324, 161-172.	2.3	26
27	Electromagnetic absorption efficiency of polypropylene/montmorillonite/polypyrrole nanocomposites. Materials & Design, 2011, 32, 2006-2011.	5.1	60
28	The influence of interfaces on the dielectric properties of MnZn-based hybrid polymer composites. Journal of Applied Physics, 2008, 104, 103718.	2.5	16
29	Effect of coating of graphite particles with polyaniline base on charge transport in epoxy-resin composites. Journal of Materials Science, 2007, 42, 4942-4946.	3.7	9
30	Enhancement of magnetic losses in hybrid polymer composites with MnZn-ferrite and conductive fillers. Journal of Materials Science, 2007, 42, 9480-9490.	3.7	42