Peerapan Dittanet

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10653773/publications.pdf

Version: 2024-02-01

30 papers	931 citations	687363 13 h-index	501196 28 g-index
30 all docs	30 docs citations	30 times ranked	1282 citing authors

#	Article	IF	Citations
1	Properties of silica/natural rubber composite film and foam: Effects of silica content and sulfur vulcanization system. Journal of Polymer Research, 2022, 29, .	2.4	1
2	Modification of pineapple leaf fibers with aminosilanes as adsorbents for H2S removal. Chemosphere, 2021, 266, 129000.	8.2	7
3	Film and latex forms of silica-reinforced natural rubber composite vulcanized using electron beam irradiation. Heliyon, 2021, 7, e07176.	3.2	7
4	Statistical optimization for precipitation of bioactive compounds from extracted Centella asiatica using gas antiâ€solvent technique. Journal of Food Process Engineering, 2020, 43, e13318.	2.9	5
5	Raman spectroscopic study of reinforcement mechanisms of electron beam radiation crosslinking of natural rubber composites filled with graphene and silica/graphene mixture prepared by latex mixing. Composites Part C: Open Access, 2020, 3, 100049.	3.2	5
6	Electron beam irradiation crosslinked chitosan/natural rubber -latex film: Preparation and characterization. Radiation Physics and Chemistry, 2020, 177, 109159.	2.8	5
7	Removal of Heavy Metal Ions Using Modified Celluloses Prepared from Pineapple Leaf Fiber. ACS Omega, 2020, 5, 5285-5296.	3.5	81
8	Electron beam radiation curing of natural rubber filled with silica-graphene mixture prepared by latex mixing. Industrial Crops and Products, 2019, 141, 111789.	5.2	14
9	Natural rubber reinforced by nanocellulose extracted from dried rubber leaves. AIP Conference Proceedings, 2019, , .	0.4	7
10	Impacts of spray drying conditions on stability of isoflavones in microencapsulated soybean extract. Drying Technology, 2019, 37, 1844-1862.	3.1	7
11	Effect of Polyethylene Glycol in Nanocellulose/PLA Composites. Key Engineering Materials, 2019, 821, 89-95.	0.4	3
12	Optimization of synthesis condition for carboxymethyl celluloseâ€based hydrogel from rice straw by microwaveâ€assisted method and its application in heavy metal ions removal. Journal of Chemical Technology and Biotechnology, 2018, 93, 413-425.	3.2	22
13	Extraction of Nanocellulose from Dried Rubber Tree Leaves by Acid Hydrolysis. Materials Science Forum, 2018, 936, 37-41.	0.3	4
14	Natural Rubber Reinforced with Silica Nanoparticles Extracted from Jasmine and Riceberry Rice Husk Ashes. Materials Science Forum, 2018, 936, 31-36.	0.3	3
15	Hybrid energy storage of battery-type nickel hydroxide and supercapacitor-type graphene: redox additive and charge storage mechanism. Sustainable Energy and Fuels, 2017, 1, 275-279.	4.9	25
16	Toughening of epoxy hybrid nanocomposites modified with silica nanoparticles and epoxidized natural rubber. Journal of Polymer Research, 2017, 24, 1.	2.4	26
17	Charge storage mechanisms of electrospun Mn₃O₄ nanofibres for high-performance supercapacitors. RSC Advances, 2017, 7, 9958-9963.	3.6	53
18	Hybrid Energy Storage of Ni(OH)2-coated N-doped Graphene Aerogel//N-doped Graphene Aerogel for the Replacement of NiCd and NiMH Batteries. Scientific Reports, 2017, 7, 1124.	3.3	35

#	Article	IF	Citations
19	Effect of Cellulose Functionalization on Thermal and Mechanical Properties of Epoxy Resin. Key Engineering Materials, 2017, 757, 62-67.	0.4	2
20	Direct synthesis of dimethyl carbonate from CO 2 and methanol by supported bimetallic Cuâ€“Ni/ZIF-8 MOF catalysts. Journal of the Taiwan Institute of Chemical Engineers, 2017, 80, 16-24.	5.3	47
21	Thermo-mechanical behaviors and moisture absorption of silica nanoparticle reinforcement in epoxy resins. International Journal of Adhesion and Adhesives, 2017, 78, 74-82.	2.9	54
22	Fracture behavior of silica nanoparticles reinforced rubber/epoxy composite. Journal of Reinforced Plastics and Composites, 2017, 36, 1156-1167.	3.1	23
23	Characterization of Cuâ€“Zn/Coreâ€“Shell Al-MCM-41 as a Catalyst for Reduction of NO: Effect of Zn Promoter. Industrial & Engineering Chemistry Research, 2016, 55, 13050-13061.	3.7	12
24	Control of Ethylene Dichloride Cracking Furnace Using an Analytical Model Predictive Control Strategy for a Coupled Partial Differential Equation/Ordinary Differential Equation System. Industrial & Engineering Chemistry Research, 2016, 55, 10121-10131.	3.7	8
25	CO2 hydrogenation to methanol using Cu-Zn catalyst supported on reduced graphene oxide nanosheets. Journal of CO2 Utilization, 2016, 16, 104-113.	6.8	104
26	Synthesis of copperâ€“nickel/SBA-15 from rice husk ash catalyst for dimethyl carbonate production from methanol and carbon dioxide. Journal of Industrial and Engineering Chemistry, 2015, 31, 156-166.	5.8	47
27	Effect of bimodal particle size distributions on the toughening mechanisms in silica nanoparticle filled epoxy resin. Polymer, 2013, 54, 1832-1845.	3.8	82
28	Effect of silica nanoparticle size on toughening mechanisms of filled epoxy. Polymer, 2012, 53, 1890-1905.	3.8	238
29	Effect of Gamma Radiation on Properties of Cellulose Nanocrystal/Natural Rubber Nanocomposites. Key Engineering Materials, 0, 772, 13-17.	0.4	3
30	Enhancing Dispersion of Silica Nanoparticles with Ammonium Laurate Surfactant for Natural Rubber Latex Composites. Key Engineering Materials, 0, 821, 74-80.	0.4	1