

Maziyar Sabet

List of Publications by Year in descending order

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63
all docs

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docs citations

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times ranked

659
citing authors

#	ARTICLE	IF	CITATIONS
1	The inclusion of graphene nanoplatelet on the mechanical, thermal, and electrical characteristics of polycarbonate. <i>Polymer Bulletin</i> , 2023, 80, 2153-2169.	3.3	7
2	The influence of graphene on the mechanical, thermal, and flame retardant characteristics of Polyamide 6. <i>Materials Technology</i> , 2022, 37, 1251-1262.	3.0	3
3	Influence of graphene oxide on the mechanical, thermal and roughness of polyethersulphone. <i>Bulletin of Materials Science</i> , 2022, 45, 1.	1.7	1
4	A case study of petrophysical rock typing and permeability prediction using machine learning in a heterogenous carbonate reservoir in Iran. <i>Scientific Reports</i> , 2022, 12, 4505.	3.3	22
5	Impact of graphene oxide on epoxy resin characteristics. <i>High Performance Polymers</i> , 2021, 33, 165-175.	1.8	15
6	The effect of graphene oxide on the mechanical, thermal characteristics and flame retardancy of polyurethane. <i>Plastics, Rubber and Composites</i> , 2021, 50, 61-70.	2.0	10
7	The impact of reduced graphene oxide on the properties of polyamide 6. <i>Polimery</i> , 2021, 66, 217-227.	0.7	3
8	A simple route to prepare Fe ₃ O ₄ @C microspheres as electromagnetic wave absorbing material. <i>Journal of Materials Research and Technology</i> , 2021, 12, 1552-1563.	5.8	31
9	The Effect of Graphene Oxide Inclusion on the Mechanical, Thermal Properties of Polyamide 6. <i>Fibers and Polymers</i> , 2021, 22, 3082-3094.	2.1	2
10	Experimental investigation and two-phase flow simulation of oil and nanofluids on micro CT images of sandstone for wettability alteration of the system. <i>Journal of Petroleum Science and Engineering</i> , 2021, 204, 108665.	4.2	11
11	Graphene impact of the LDPE characteristics. <i>Polymer Bulletin</i> , 2020, 77, 459-474.	3.3	14
12	Thermal stability and flame-retardant characteristic of irradiated LDPE and composites. <i>Bulletin of Materials Science</i> , 2020, 43, 1.	1.7	12
13	Impact of inclusion of graphene oxide nanosheets on polypropylene thermal characteristics. <i>Iranian Polymer Journal (English Edition)</i> , 2020, 29, 1099-1112.	2.4	10
14	Transport Modelling of Multi-Phase Fluid Flow in Porous Media for Enhanced Oil Recovery. <i>Defect and Diffusion Forum</i> , 2020, 400, 38-44.	0.4	2
15	Absorption of electromagnetic waves in sandstone saturated with brine and nanofluids for application in enhanced oil recovery. <i>Journal of Taibah University for Science</i> , 2020, 14, 217-226.	2.5	16
16	Facile preparation and enhanced electromagnetic wave absorption properties of Fe ₃ O ₄ @PVDF nanocomposite. <i>Journal of Materials Research and Technology</i> , 2020, 9, 2513-2521.	5.8	19
17	Enhanced oil recovery by using electromagnetic-assisted nanofluids: A review. <i>Journal of Molecular Liquids</i> , 2020, 309, 113095.	4.9	55
18	The Effect of Graphene Oxide on Flame Retardancy of Polypropylene and Polystyrene. <i>Materials Performance and Characterization</i> , 2020, 9, 20190256.	0.3	2

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19	Effect of Graphene and Carbon Nanotube on Low-Density Polyethylene Nanocomposites. Journal of Vinyl and Additive Technology, 2019, 25, 35-40.	3.4	15
20	A critical review of concept and methods related to accessible pore volume during polymer-enhanced oil recovery. Journal of Petroleum Science and Engineering, 2019, 182, 106263.	4.2	18
21	Inclusion of graphene on LDPE properties. Heliyon, 2019, 5, e02053.	3.2	10
22	The research design of graphene inclusion on LDPE characterization. International Journal of Mechanical and Materials Engineering, 2019, 14, .	2.2	6
23	Magnetic Behavior of Ni/NiO Core-Shell Nanoparticles under Electromagnetic Waves for Oil-Water Interfacial Tension Reduction. Journal of Materials Engineering and Performance, 2019, 28, 5882-5889.	2.5	5
24	Impact of inclusion graphene oxide nanosheets on polystyrene properties. International Journal of Plastics Technology, 2019, 23, 92-100.	3.1	7
25	Graphene Utilization for Water Desalination Process. Defect and Diffusion Forum, 2019, 391, 195-200.	0.4	2
26	Graphene Impact on Thermal Characteristics of LDPE. Polymer Science - Series A, 2019, 61, 922-930.	1.0	11
27	Thermal and flammable stability of radiated LDPE and composites. International Journal of Plastics Technology, 2019, 23, 239-245.	3.1	6
28	Inclusion of graphene on low-density polyethylene composite properties. International Journal of Plastics Technology, 2019, 23, 218-228.	3.1	5
29	Broad studies of graphene and low-density polyethylene composites. Journal of Elastomers and Plastics, 2019, 51, 527-561.	1.5	7
30	Effect of Graphene on Mechanical and Flowability Properties of Low-Density Polyethylene Composites. Materials Performance and Characterization, 2019, 8, 20180132.	0.3	1
31	Effect of addition graphene to ethylene vinyl acetate and low-density polyethylene. Journal of Vinyl and Additive Technology, 2018, 24, E177.	3.4	19
32	Impact of carbon nanotubes based nanofluid on oil recovery efficiency using core flooding. Results in Physics, 2018, 9, 39-48.	4.1	66
33	Synthesis of ZnO nanoparticles for oil-water interfacial tension reduction in enhanced oil recovery. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	63
34	Electronic polarization of zinc nitride nanoparticles for interfacial tension reduction in enhanced oil recovery. Journal of Physics: Conference Series, 2018, 1123, 012003.	0.4	2
35	Thermal, electrical and characterization effects of graphene on the properties of low-density polyethylene composites. International Journal of Plastics Technology, 2018, 22, 234-246.	3.1	6
36	Demulsification of Light Malaysian Crude Oil Emulsions Using an Electric Field Method. Industrial & Engineering Chemistry Research, 2018, 57, 13247-13256.	3.7	26

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37	The impact of electron beam irradiation on Low density polyethylene and Ethylene vinyl acetate. IOP Conference Series: Materials Science and Engineering, 2017, 204, 012005.	0.6	11
38	Brine Divalent Ions Impacts on Wettability Alteration of Carbonate Rock Sample at Presence of DTAB. Defect and Diffusion Forum, 2017, 380, 191-197.	0.4	0
39	Properties and characterization of ethylene-vinyl acetate filled with carbon nanotube. Polymer Bulletin, 2016, 73, 419-434.	3.3	24
40	Properties of ethylene vinyl acetate filled with metal hydroxide. Journal of Elastomers and Plastics, 2015, 47, 88-100.	1.5	19
41	Electron Beam Irradiation of LDPE Filled with Calcium Carbonate and Metal Hydroxides. Polymer-Plastics Technology and Engineering, 2014, 53, 1362-1366.	1.9	15
42	The Effect of Addition EVA and LDPE-g-MAH on Irradiated LDPE Filled with Metal Hydroxides. Polymer-Plastics Technology and Engineering, 2014, 53, 775-783.	1.9	7
43	Mechanical and electrical properties of low density polyethylene filled with carbon nanotubes. IOP Conference Series: Materials Science and Engineering, 2014, 64, 012001.	0.6	22
44	Co-precipitation synthesis of $\text{Co}_2\text{O}_3+\text{Fe}_3\text{O}_4$ nanoparticles: Structural characterization and magnetic properties. , 2014, , .		0
45	Electron-beam irradiation of low density polyethylene/ethylene vinyl acetate blends. Journal of Polymer Engineering, 2013, 33, 149-161.	1.4	16
46	Flammability and Thermal Characterization of Aluminum Hydroxide Filled with LDPE. International Polymer Processing, 2013, 28, 393-397.	0.5	11
47	The Effect of TMPTMA Addition on Electron-beam Irradiated LDPE, EVA and Blend Properties. International Polymer Processing, 2013, 28, 386-392.	0.5	19
48	Effect of zinc borate on flammability/thermal properties of ethylene vinyl acetate filled with metal hydroxides. Journal of Reinforced Plastics and Composites, 2013, 32, 1122-1128.	3.1	24
49	Effects of calcium stearate and metal hydroxide additions on the irradiated LDPE/EVA compound properties. Journal of Polymer Engineering, 2013, 33, 651-657.	1.4	4
50	Electron beam irradiation of low-density polyethylene filled with metal hydroxides for wire and cable applications. Polymer Bulletin, 2012, 69, 1103-1114.	3.3	10
51	Electron beam irradiation of low density polyethylene/ethylene vinyl acetate filled with metal hydroxides for wire and cable applications. Polymer Degradation and Stability, 2012, 97, 1432-1437.	5.8	44
52	Mechanical, electrical, and thermal properties of irradiated low-density polyethylene by electron beam. Polymer Bulletin, 2012, 68, 2323-2339.	3.3	30
53	Studies on the properties and structure of electron-beam crosslinked low-density polyethylene/poly[ethylene-co-(vinyl acetate)] blends. Polymer International, 2005, 54, 686-691.	3.1	35
54	Calcium Stearate and Alumina Trihydrate Addition of Irradiated LDPE, EVA and Blends with Electron Beam. Applied Mechanics and Materials, 0, 290, 31-37.	0.2	17

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55	Electron-Beam Irradiation of Halogen Free Flame Retardant Polymers for Wire and Cable Applications. Applied Mechanics and Materials, 0, 625, 29-33.	0.2	6
56	Effect of Annealing Temperature on the Crystallization of Hematite-Alumina (Fe ₂ O ₃ -Al ₂ O ₃) Nanocomposite and its Influence in EOR Application. Journal of Nano Research, 0, 29, 105-113.	0.8	11
57	Synthesis and Characterization of Yttrium Iron Garnet (YIG) Nanoparticles Activated by Electromagnetic Wave in Enhanced Oil Recovery. Journal of Nano Research, 0, 38, 40-46.	0.8	23
58	Studies on the Stability of the Foamy Oil in Developing Heavy Oil Reservoirs. Defect and Diffusion Forum, 0, 371, 111-116.	0.4	27
59	Magnetization of Ferrofluid and its Influence on Improving Oil Recovery. Defect and Diffusion Forum, 0, 390, 161-167.	0.4	7
60	Effect of combination of cationic surfactant and salts on wettability alteration of carbonate rock. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-17.	2.3	9
61	The Influence of Graphene Nano-Sheets Inclusion on the Mechanical and Thermal Characteristics of Acrylonitrile-Butadiene-Styrene Copolymer. SSRN Electronic Journal, 0, , .	0.4	0
62	Dynamics and Geometry Effects on the Capillary Flows in Porous Media for Enhanced Oil Recovery. Defect and Diffusion Forum, 0, 413, 77-83.	0.4	0