MichaÅ, Strankowski

List of Publications by Year
in descending order

34	768	516215 16	525886 27
papers	citations	h-index	g-index

36	36	36	1029
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polyurethane Nanocomposites Containing Reduced Graphene Oxide, FTIR, Raman, and XRD Studies. Journal of Spectroscopy, 2016, 2016, 1-6.	0.6	158
2	Rigid polyurethane foams from a polyglycerol-based polyol. European Polymer Journal, 2014, 57, 143-150.	2.6	57
3	Morphology, Mechanical and Thermal Properties of Thermoplastic Polyurethane Containing Reduced Graphene Oxide and Graphene Nanoplatelets. Materials, 2018, 11, 82.	1.3	57
4	Preparation and characterization of rigid polyurethaneâ€“polyglycerol nanocomposite foams. European Polymer Journal, 2012, 48, 1726-1733.	2.6	46
5	Effect of ground tire rubber on structural, mechanical and thermal properties of flexible polyurethane foams. Iranian Polymer Journal (English Edition), 2015, 24, 75-84.	1.3	46
6	Rigid polyurethane foams modified with selected layered silicate nanofillers. Journal of Applied Polymer Science, 2013, 130, 2272-2281.	1.3	36
7	Synthesis and thermal studies of flexible polyurethane nanocomposite foams obtained using nanoclay modified with flame retardant compound. Journal of Thermal Analysis and Calorimetry, 2014, 118, 901-909.	2.0	31
8	Synthesis and characterization of cycloaliphatic hydrophilic polyurethanes, modified with l -ascorbic acid, as materials for soft tissue regeneration. Materials Science and Engineering C, 2017, 75, 671-681.	3.8	31
9	Shape Memory Polyurethane Materials Containing Ferromagnetic Iron Oxide and Graphene Nanoplatelets. Materials, 2017, 10, 1083.	1.3	26
10	Polyurethane/ground tire rubber composite foams based on polyglycerol: Processing, mechanical and thermal properties. Journal of Reinforced Plastics and Composites, 2015, 34, 708-717.	1.6	25
11	Silica xerogelâ€“hydrogen peroxide composites: Their morphology, stability, and antimicrobial activity. Colloids and Surfaces B: Biointerfaces, 2007, 54, 165-172.	2.5	23
12	CdS thin films obtained by thermal treatment of cadmium(II) complex precursor deposited by MAPLE technique. Applied Surface Science, 2009, 255, 6786-6789.	3.1	23
13	Tuning of microstructure in engineered poly (trimethylene terephthalate) based blends with nano inclusion as multifunctional additive. Polymer Testing, 2018, 68, 395-404.	2.3	22
14	Morphology and the physical and thermal properties of thermoplastic polyurethane reinforced with thermally reduced graphene oxide. Polish Journal of Chemical Technology, 2015, 17, 88-94.	0.3	20
15	NMR dispersion studies of poly(ethylene oxide)/sodium montmorillonite nanocomposites. Journal of Non-Crystalline Solids, 2010, 356, 945-951.	1.5	17
16	Rigid Polyurethane Foams Modified with Ground Tire Rubber - Mechanical, Morphological and Thermal Studies. Frontiers in Forests and Global Change, 2015, 34, 45-62.	0.6	16
17	Effect of Variation of Hard Segment Content and Graphene-Based Nanofiller Concentration on Morphological, Thermal, and Mechanical Properties of Polyurethane Nanocomposites. International Journal of Polymer Science, 2018, 2018, 1-20.	1.2	15
18	Chemical modifications of graphene and their influence on properties of polyurethane composites: a review. Physica Scripta, 2016, 91, 104003.	1.2	14

#	Article	IF	Citations
19	Study of the effect of thermally reduced graphene oxide on the physical and mechanical properties of flexible polyurethane foams. Polymer Composites, 2017, 38, 2248-2253.	2.3	14
20	Evaluation of the photoprotective effect of Î²-cyclodextrin on the emission of volatile degradation products of ranitidine. Journal of Pharmaceutical and Biomedical Analysis, 2014, 98, 113-119.	1.4	13
21	Cadmium complex possessing simultaneously silanethiolato- and dithiocarbamato-ligands. A novel single-source precursor of cadmium sulfide. Journal of Thermal Analysis and Calorimetry, 2014, 118, 993-1001.	2.0	12
22	Transport of paracetamol in swellable and relaxing polyurethane nanocomposite hydrogels. Polymer Bulletin, 2020, 77, 483-499.	1.7	11
23	Thermal and Mechanical Properties of Microporous Polyurethanes Modified with Reduced Graphene Oxide. International Journal of Polymer Science, 2016, 2016, 1-8.	1.2	10
24	Shape Memory Materials from Rubbers. Materials, 2021, 14, 7216.	1.3	10
25	Tensile strength of a weave tendon suture using tendons of different sizes. Clinical Biomechanics, 2011, 26, 415-418.	0.5	9
26	Morphology, mechanical and thermal properties of flexible polyurethane foams modified with layered aluminosilicates. Polimery, 2014, 59, 783-791.	0.4	9
27	Elastic polyurethane foams containing graphene nanoplatelets. Advances in Polymer Technology, 2018, 37, 1625-1634.	0.8	6
28	Mechanical, Structural and Diffusion Studies of Hydrogel Polyurethane Nanocomposites Containing Modified Montmorillonite. Materials Science Forum, 0, 714, 123-129.	0.3	5
29	Fabrication of toughened plastic using styrene butadiene rubber-poly (methyl methacrylate) interpenetrating polymer networks. Materials Today Chemistry, 2021, 19, 100383.	1.7	3
30	Synergistic effect of MWCNTs and MA-g-PP on the thermal and viscoelastic properties of immiscible PTT/PP blends. New Journal of Chemistry, 2020, 44, 16557-16568.	1.4	2
31	Nonlinear Viscoelasticity in Three Dimensional Filler Reinforced Rubber Composites and Nanocomposites. Advances in Polymer Science, 2014, , 59-83.	0.4	1
32	Nonlinear Viscoelastic Properties of Polyurethane Nanocomposites. , 2017, , 401-425.		0
33	Effect of Antioxidants on the Stability of Pitch-Based Polymer to Thermo-Oxidative Action. Chemistry and Chemical Technology, 2018, 12, 109-113.	0.2	0
34	Shape-Memory Polyurethane Polymers. ACS Symposium Series, 0, , 281-304.	0.5	0