

# Hossein Ali Khonakdar

## List of Publications by Year in descending order

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324  
papers

7,773  
citations

66343  
42  
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128289  
60  
g-index

328  
all docs

328  
docs citations

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times ranked

6724  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal management of plant nutrition in tomato ( <i>Lycopersicon esculent</i> Mill) by using biologic, organic and inorganic fertilizers. Journal of Plant Nutrition, 2023, 46, 1560-1579.	1.9	5
2	Direct and Residual Effects of Water Deficit Stress, Different Sources of Silicon and Plant-Growth Promoting Bacteria on Silicon Fractions in the Soil. Silicon, 2022, 14, 3403-3415.	3.3	7
3	Influence of organoclay and nitroxylether on the rheological, thermal and flame-retardant properties of co-continuous PP/EVA blends. Plastics, Rubber and Composites, 2022, 51, 306-315.	2.0	5
4	Electroactive phase enhancement in poly(vinylidene fluoride-hexafluoropropylene)/polycarbonate blends by hybrid nanofillers. Journal of Applied Polymer Science, 2022, 139, 51825.	2.6	2
5	Functionalized graphene nanoplatelets/poly (lactic acid)/chitosan nanocomposites: Mechanical, biodegradability, and electrical conductivity properties. Polymer Composites, 2022, 43, 411-421.	4.6	40
6	Synthesis and biological evaluation of novel tetranuclear cyclopalladated complex bearing thiosemicarbazone scaffold ligand: Interactions with double-strand DNA, coronavirus, and molecular modeling studies. Applied Organometallic Chemistry, 2022, 36, .	3.5	1
7	Conductive poly( $\mu$ -caprolactone)/polylactic acid scaffolds for tissue engineering applications: Synergy effect of zirconium nanoparticles and polypyrrole. Polymers for Advanced Technologies, 2022, 33, 1427-1441.	3.2	13
8	Development of Flexible Nanocomposites Based on Poly( $\mu$ -caprolactone) for Tissue Engineering Application: The Contributing Role of Poly(glycerol succinic acid) and Polypyrrole. European Polymer Journal, 2022, 164, 110984.	5.4	14
9	Mechanical properties of bamboo fiber-reinforced polymer composites: a review of recent case studies. Journal of Materials Science, 2022, 57, 3143-3167.	3.7	53
10	Flexible high dielectric polystyrene/ethylene-co-octene copolymer/graphene nanocomposites: Tuning the morphology and dielectric properties by graphene's surface polarity. Polymers for Advanced Technologies, 2022, 33, 937-951.	3.2	12
11	Effect of Different Enriched Vermicomposts, Humic Acid Extract and Indole-3-Acetic Acid Amendments on the Growth of Brassica napus. Plants, 2022, 11, 227.	3.5	8
12	A review of recent progress in improving the fracture toughness of epoxy-based composites using carbonaceous nanofillers. Polymer Composites, 2022, 43, 1871-1886.	4.6	64
13	Formulation of a Culture Medium to Optimize the Production of Lipopeptide Biosurfactant by a New Isolate of Bacillus sp.: A Soil Heavy Metal Mitigation Approach. Frontiers in Microbiology, 2022, 13, 785985.	3.5	2
14	Polystyrene/polyolefin elastomer/halloysite nanotubes blend nanocomposites: Morphology-thermal degradation kinetics relationship. Polymers for Advanced Technologies, 2022, 33, 2149-2165.	3.2	17
15	In-depth study of mechanical properties of poly(lactic acid)/thermoplastic polyurethane/hydroxyapatite blend nanocomposites. Journal of Materials Science, 2022, 57, 7250-7264.	3.7	18
16	Nanobioglass enhanced polyurethane/collagen conduit in sciatic nerve regeneration. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2022, 110, 1093-1102.	3.4	2
17	Evaluating the mechanical, thermal, and antibacterial properties of poly (lactic acid)/silicone rubber blends reinforced with (3-aminopropyl) triethoxysilane-functionalized titanium dioxide nanoparticles. Polymer Composites, 2022, 43, 4165-4178.	4.6	22
18	Investigating the Effects of Graphene Content and Application Method on Surface Properties of Vinyl Ester/Silica Aerogel Coatings. Macromolecular Research, 2022, 30, 334-341.	2.4	5

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19	A review of electrical and thermal conductivities of epoxy resin systems reinforced with carbon nanotubes and graphene-based nanoparticles. <i>Polymer Testing</i> , 2022, 112, 107645.	4.8	51
20	Effect of re-modified nanoclays on the extent of transesterification in poly (ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (terepe Communications, 2022, 32, 103872.	1.9	1
21	Role of rhizospheric microorganisms in mitigating the adverse effect of salinity stress in <i>Plantago ovata</i> growth, biochemical and photosynthetic traits. <i>Archives of Agronomy and Soil Science</i> , 2021, 67, 1060-1074.	2.6	2
22	Improved Phosphorus Uptake by Wheat Plant ( <i>Triticum aestivum</i> L.) with Rhizosphere Fluorescent Pseudomonads Strains Under Water-Deficit Stress. <i>Journal of Plant Growth Regulation</i> , 2021, 40, 162-178.	5.1	36
23	The potential use of <i>Cordia myxa</i> in the remediation of crude oil pollution. <i>International Journal of Phytoremediation</i> , 2021, 23, 445-453.	3.1	2
24	Fabrication and study of thermal and combustion resistance of DOPO-functionalized polyamide reinforced with organo-modified Mg( $\text{OH}$ ) <sub>2</sub> nanoparticles. <i>Polymer International</i> , 2021, 70, 317-330.	3.1	16
25	Investigation of the cure kinetics and thermal stability of an epoxy system containing cystamine as curing agent. <i>Polymers for Advanced Technologies</i> , 2021, 32, 1251-1261.	3.2	18
26	Improved surface properties in spray-coated PU/TiO <sub>2</sub> /graphene hybrid nanocomposites through nonsolvent-induced phase separation. <i>Surface and Coatings Technology</i> , 2021, 405, 126507.	4.8	16
27	Inducing nano-confined crystallization in PLLA and PET by elastic melt stretching. <i>Soft Matter</i> , 2021, 17, 1457-1462.	2.7	14
28	Superhydrophobic cotton fabrics coated by chitosan and titanium dioxide nanoparticles with enhanced antibacterial and UV-protecting properties. <i>International Journal of Biological Macromolecules</i> , 2021, 171, 158-165.	7.5	57
29	Vinyl ester/silica aerogel nanocomposite coatings with enhanced hydrophobicity and corrosion protection properties. <i>Polymers for Advanced Technologies</i> , 2021, 32, 2176-2184.	3.2	8
30	A Combinational Strategy Mitigated Old-Aged Petroleum Contaminants: Ineffectiveness of Biostimulation as a Bioremediation Technique. <i>Frontiers in Microbiology</i> , 2021, 12, 642215.	3.5	14
31	Investigation of Different Selenium Sources and Supplying Methods for Selenium Enrichment of Basil Vegetable (A Case Study under Calcareous and Non-calcareous Soil Systems). <i>Recent Patents on Food, Nutrition &amp; Agriculture</i> , 2021, 12, 73-82.	0.9	2
32	Review of Bioprinting in Regenerative Medicine: Naturally Derived Bioinks and Stem Cells. <i>ACS Applied Bio Materials</i> , 2021, 4, 4049-4070.	4.6	19
33	A versatile $\beta$ -cyclodextrin and N-heterocyclic palladium complex bi-functionalized iron oxide nanoadsorbent for water treatment. <i>Environmental Science and Pollution Research</i> , 2021, 28, 55419-55432.	5.3	6
34	Impact of poly( $\epsilon$ -caprolactone) on the thermal, dynamic-mechanical and crystallization behavior of polyvinylidene fluoride/poly( $\epsilon$ -caprolactone) blends in the presence of KIT-6 mesoporous particles. <i>Polymers for Advanced Technologies</i> , 2021, 32, 4424-4439.	3.2	11
35	Polycarbonate/poly(methyl methacrylate)/silica aerogel blend composites for advanced transparent thermal insulations: Mechanical, thermal, and optical studies. <i>Polymer Composites</i> , 2021, 42, 5323-5334.	4.6	30
36	Affected Polymer Layer and Thermo-mechanical Behavior Correlation in Nylon-6/Polycarbonate/Graphene-Oxide Nanocomposites: A Quantitative Study of Polymorphism. <i>Thermochimica Acta</i> , 2021, 703, 178995.	2.7	4

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37	Toughening of epoxy resin systems using core-shell rubber particles: a literature review. Journal of Materials Science, 2021, 56, 18345-18367.	3.7	44
38	Tuning properties of bio-rubbers and its nanocomposites with addition of succinic acid and ̐-caprolactone monomers to poly(glycerol sebacic acid) as main platform for application in tissue engineering. European Polymer Journal, 2021, 159, 110711.	5.4	9
39	Influence of Graphene Oxide on Thermally Induced Shape Memory Behavior of PLA/TPU Blends: Correlation with Morphology, Creep Behavior, Crystallinity, and Dynamic Mechanical Properties. Macromolecular Materials and Engineering, 2021, 306, 2000576.	3.6	26
40	Development of physical, mechanical, antibacterial and cell growth properties of poly(glycerol) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622. Chemistry, 2021, 12, 6263-6282.	3.9	18
41	An assessment on the effect of trifluoropropyl-POSS and blend composition on morphological, thermal and thermomechanical properties of PLA/TPU. Journal of Thermal Analysis and Calorimetry, 2020, 139, 279-292.	3.6	8
42	Study on the effects of polyhedral oligomeric silsesquioxane on compatibility, crystallization behavior and thermal stability of polylactic acid/polycaprolactone blends. Polymer Bulletin, 2020, 77, 585-598.	3.3	11
43	The effect of selenium biofortification in alfalfa (<i>Medicago sativa</i>). Journal of Plant Nutrition, 2020, 43, 240-250.	1.9	14
44	Spherical nanoparticle effects on the lower critical solution temperature phase behavior of poly(luâ€caprolactone)/poly(styreneâ€co</i>â€acrylonitrile) blends: Separation of thermodynamic aspects from kinetics. Journal of Applied Polymer Science, 2020, 137, 48679.	2.6	6
45	Surface modification of MWCNT and its influence on properties of paraffin/MWCNT nanocomposites as phase change material. Journal of Applied Polymer Science, 2020, 137, 48428.	2.6	31
46	Improving nanoparticle dispersion and polymer crystallinity in polyvinylidene fluoride/POSS coatings using tetrahydrofuran as co-solvent. Progress in Organic Coatings, 2020, 140, 105534.	3.9	9
47	Melt rheology and interfacial properties of binary and ternary blends of PS, EOC, and SEBS. Journal of Applied Polymer Science, 2020, 137, 48791.	2.6	4
48	Experimental analysis and mechanical modeling of effect of stress-relaxation on shape memory and recovery behavior of e-beam irradiated HDPE. Radiation Physics and Chemistry, 2020, 168, 108568.	2.8	1
49	Mining the roots of various species of the halophyte Suaeda for halotolerant nitrogen-fixing endophytic bacteria with the potential for promoting plant growth. International Microbiology, 2020, 23, 415-427.	2.4	36
50	Assessment of compatibilization role of nanoclay in immiscible polystyrene/ethyleneâ€octene copolymer blends via wideâ€angle Xâ€ray scattering, microstructure, rheological analyses, and mechanical properties. Journal of Applied Polymer Science, 2020, 137, 48748.	2.6	5
51	Effect of nanoparticle type and content on morphology, rheology, and crystallinity of poly(lactic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 622. Composites, 2020, 41, 1551-1560.	4.6	11
52	Fabrication and properties of thermoplastic starch/montmorillonite composite using dialdehyde starch as a crosslinker. Polymer International, 2020, 69, 317-327.	3.1	39
53	Removal of Heavy Metals Zinc, Lead, and Cadmium by Biomineralization of Urease-Producing Bacteria Isolated from Iranian Mine Calcareous Soils. Journal of Soil Science and Plant Nutrition, 2020, 20, 206-219.	3.4	99
54	Developing antibacterial superhydrophobic coatings based on polydimethylsiloxane/silver phosphate nanocomposites: Assessment of surface morphology, roughness and chemistry. Progress in Organic Coatings, 2020, 149, 105944.	3.9	19

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55	Combined use of municipal solid waste biochar and bacterial biosorbent synergistically decreases Cd(II) and Pb(II) concentration in edible tissue of forage maize irrigated with heavy metalâ€“spiked water. <i>Heliyon</i> , 2020, 6, e04688.	3.2	16
56	Effect of Vermicompost and Municipal Solid Waste Compost on Growth and Yield of Canola under Drought Stress Conditions. <i>Communications in Soil Science and Plant Analysis</i> , 2020, 51, 2215-2222.	1.4	12
57	Improved Phosphorus (P) Uptake and Yield of Rainfed Wheat Fed with P Fertilizer by Drought-Tolerant Phosphate-Solubilizing Fluorescent <i>Pseudomonads</i> Strains: a Field Study in Drylands. <i>Journal of Soil Science and Plant Nutrition</i> , 2020, 20, 2195-2211.	3.4	33
58	Spinach ( <i>Spinaciaoleracea</i> ) Nutritional Responses to Selenium Application. <i>Communications in Soil Science and Plant Analysis</i> , 2020, 51, 2537-2550.	1.4	4
59	A Theoretical and Experimental Analysis of the Effect of Nanoclay on Gas Permâ€“selectivity of Biodegradable PLA/EVA Blends in the Presence and Absence of Compatibilizer. <i>Macromolecular Materials and Engineering</i> , 2020, 305, 2000433.	3.6	8
60	Compatibilizer/graphene/carboxylated acrylonitrile butadiene rubber (XNBR)/ethylenepropylenediene monomer (EPDM) nanocomposites: Morphology, compatibility, rheology and mechanical properties. <i>Journal of Applied Polymer Science</i> , 2020, 137, app49331.	2.6	18
61	Structure-properties correlations in poly( $\mu$ -caprolactone)/poly(styrene-co-acrylonitrile)/nanosilica mixtures: Interrelationship among phase behavior, morphology and non-isothermal crystallization kinetics. <i>Polymer Testing</i> , 2020, 89, 106593.	4.8	9
62	A correlation between morphology and mechanical performance of injectedâ€“molded $\langle \text{PE} \rangle / \langle \text{EVA} \rangle / \text{clay}$ nanocomposites: Insight into phase miscibility and interfacial phenomena. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49401.	2.6	6
63	$\beta$ -Polymorph enhancement in poly(vinylidene fluoride) by blending with polyamide 6 and barium titanate nanoparticles. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49403.	2.6	4
64	Hybrid Rubber Nanocomposites Based on XNBR/EPDM: Select the Best Dispersion Type from Different Nanofillers in the Presence of a Compatibilizer. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 2533-2550.	3.7	11
65	Tailoring the graphene polarity through the facile and one-step electrochemical exfoliation in low concentration of exfoliation agents. <i>FlatChem</i> , 2020, 22, 100181.	5.6	10
66	Influence of polypropylene and nanoclay on thermal and thermo-oxidative degradation of poly(lactide) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.7	17
67	Spectral and molecular docking studies of nucleic acids/protein binding interactions of a novel organometallic palladium (II) complex containing bioactive PTA ligands: Its synthesis, anticancer effects and encapsulation in albumin nanoparticles. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5839.	3.5	7
68	Lightweight aerogels based on bacterial cellulose/silver nanoparticles/polyaniline with tuning morphology of polyaniline and application in soft tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2020, 152, 57-67.	7.5	64
69	Baked hydrogel from corn starch and chitosan blends crossâ€“linked by citric acid: Preparation and properties. <i>Polymers for Advanced Technologies</i> , 2020, 31, 1256-1269.	3.2	47
70	Spin-coated polyvinylidene fluoride/graphene nanocomposite thin films with improved $\beta$ -phase content and electrical conductivity. <i>Journal of Materials Science</i> , 2020, 55, 6696-6707.	3.7	14
71	Potential Application of Selected Sulfur-Oxidizing Bacteria and Different Sources of Sulfur in Plant Growth Promotion under Different Moisture Conditions. <i>Communications in Soil Science and Plant Analysis</i> , 2020, 51, 735-745.	1.4	27
72	Using solvent-free approach for preparing innovative biopolymer nanocomposites based on PGS/gelatin. <i>European Polymer Journal</i> , 2020, 131, 109720.	5.4	42

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73	Fabrication of Carboxymethyl Chitosan Nanoparticles to Deliver Paclitaxel for Melanoma Treatment. ChemNanoMat, 2020, 6, 1373-1385.	2.8	16
74	Programing polyurethane with rational surface-modified graphene platelets for shape memory actuators and dielectric elastomer generators. European Polymer Journal, 2020, 133, 109745.	5.4	39
75	Effect of Peroxides Mixtures on the Molecular Structure of Ethylene-1-Octene Copolymer in Reactive Blending. , 2020, , 617-620.		0
76	Application of response surface methodology in assessing the effect of electrospinning parameters on the morphology of polyethylene oxide/polyacrylonitrile blend nanofibers containing graphene oxide. Polymer Bulletin, 2019, 76, 1755-1773.	3.3	7
77	Evaluating the effect of hydroxyapatite nanoparticles on morphology, thermal stability and dynamic mechanical properties of multicomponent blend systems based on polylactic acid/Starch/Polycaprolactone. Journal of Vinyl and Additive Technology, 2019, 25, E83.	3.4	15
78	Solid State Viscoelastic Properties, Morphological and Melt Rheological Studies on PLA/TPU/POSS Nanocomposites. Polymer-Plastics Technology and Materials, 2019, 58, 1036-1045.	1.3	2
79	Investigating the effect of organoclay montmorillonite and rubber ratio composition on the enhancement compatibility and properties of carboxylated acrylonitrile-butadiene rubber/ethylene-propylene-diene monomer hybrid elastomer nanocomposites. Journal of Polymer Research, 2019, 26, 1.	2.4	20
80	Antibacterial superhydrophobic polyvinyl chloride surfaces via the improved phase separation process using silver phosphate nanoparticles. Colloids and Surfaces B: Biointerfaces, 2019, 183, 110438.	5.0	39
81	Towards an efficient and durable superhydrophobic mesh coated by PDMS/TiO <sub>2</sub> nanocomposites for oil/water separation. Applied Surface Science, 2019, 492, 862-870.	6.1	42
82	An experimental and theoretical mechanistic analysis of thermal degradation of polypropylene/polylactic acid/clay nanocomposites. Polymers for Advanced Technologies, 2019, 30, 2695-2706.	3.2	27
83	Root bacterial endophytes as potential biological control agents against fungal rice pathogens. Archives of Phytopathology and Plant Protection, 2019, 52, 560-581.	1.3	11
84	Enhanced properties of poly(lactic acid) by concurrent addition of organo-modified Mg-Al layered double hydroxide (LDH) and triethyl citrate. Journal of Thermoplastic Composite Materials, 2019, , 089270571986827.	4.2	5
85	The Taste of Waste: The Edge of Eggshell Over Calcium Carbonate in Acrylonitrile Butadiene Rubber. Journal of Polymers and the Environment, 2019, 27, 2478-2489.	5.0	31
86	Controlled-release of ferulic acid from active packaging based on LDPE/EVA blend: Experimental and modeling. Food Packaging and Shelf Life, 2019, 22, 100392.	7.5	16
87	Enhanced compatibility of starch with poly(lactic acid) and poly(ε-caprolactone) by incorporation of POSS nanoparticles: Study on thermal properties. International Journal of Biological Macromolecules, 2019, 141, 578-584.	7.5	29
88	Characterization of rhizosphere and endophytic bacteria from roots of maize (Zea mays L.) plant irrigated with wastewater with biotechnological potential in agriculture. Biotechnology Reports (Amsterdam, Netherlands), 2019, 21, e00305.	4.4	53
89	Programing polyurethane with systematic presence of graphene-oxide (GO) and reduced graphene-oxide (rGO) platelets for adjusting of heat-actuated shape memory properties. European Polymer Journal, 2019, 118, 619-632.	5.4	43
90	Effect of rhizospheric and endophytic bacteria with multiple plant growth promoting traits on wheat growth. Environmental Science and Pollution Research, 2019, 26, 19804-19813.	5.3	64



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91	Assessment of the Potential of Indole-3-Acetic Acid Producing Bacteria to manage Chemical Fertilizers Application. International Journal of Environmental Research, 2019, 13, 603-611.	2.3	11
92	In situ green synthesis of Cu-Ni bimetallic nanoparticles supported on reduced graphene oxide as an effective and recyclable catalyst for the synthesis of N-benzyl-N-arylamino-1H-tetrazoles. Applied Organometallic Chemistry, 2019, 33, e4938.	3.5	44
93	Challenge between sequence presences of conductive additives on flexibility, dielectric and supercapacitance behaviors of nanofibrillated template of bacterial cellulose aerogels. European Polymer Journal, 2019, 115, 335-345.	5.4	42
94	Rheologically determined phase diagram of poly( $\epsilon$ -caprolactone)/poly(styrene- $\epsilon$ -acrylonitrile) blends: Role of ramp rate in dynamic measurements. Journal of Applied Polymer Science, 2019, 136, 47750.	2.6	7
95	Electrospun electroactive nanofibers of gelatin-oligoaniline/Poly (vinyl alcohol) templates for architecting of cardiac tissue with on-demand drug release. Polymers for Advanced Technologies, 2019, 30, 1473-1483.	3.2	37
96	Silicon Utilization Efficiency of Different Wheat Cultivars in a Calcareous Soil. Silicon, 2019, 11, 2159-2168.	3.3	7
97	Physicomechanical and antimicrobial characteristics of hydrogel based on poly(vinyl alcohol): Performance improvement via inclusion of chitosan-modified nanoclay. Journal of Applied Polymer Science, 2019, 136, 47444.	2.6	7
98	Investigation on surface properties of superhydrophobic nanocomposites based on polyvinyl chloride and correlation with cell adhesion behavior. Polymers for Advanced Technologies, 2019, 30, 1027-1035.	3.2	11
99	Modeling and interpreting large deformation behavior of rubber nanocomposites containing carbon nanotubes and nanoplatelets. Polymer Composites, 2019, 40, E1548-E1558.	4.6	6
100	Improvement of electrical, thermal, and mechanical properties of poly(methyl Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (methacrylate) Composite Materials, 2019, 32, 1176-1189.	4.2	13
101	Study on the surface morphology and wettability of nanocomposite films based on poly(methyl Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 387 Td (methacrylate) Composites, 2019, 40, E127.	4.6	2
102	Thermo-mechanical and shape memory behavior of TPU/ABS/MWCNTs nanocomposites compatibilized with ABS-g-MAH. Polymer Composites, 2019, 40, 789-800.	4.6	4
103	Investigating the effect of surface composition and morphology on oil/water separation efficiency of sponges coated with polymer nanocomposites. Polymer Composites, 2019, 40, E431.	4.6	5
104	Temperature and frequency-dependent creep and recovery studies on PVDF-HFP/organo-modified layered double hydroxides nanocomposites. Journal of Applied Polymer Science, 2018, 135, 46352.	2.6	9
105	Synthesis and characterization of novel Cu(II) complex coated Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> nanoparticles for catalytic performance. Journal of Molecular Structure, 2018, 1161, 453-463.	3.6	52
106	Looking back to interfacial tension prediction in the compatibilized polymer blends: Discrepancies between theories and experiments. Journal of Applied Polymer Science, 2018, 135, 46144.	2.6	10
107	Effect of different biochars amendment on soil biological indicators in a calcareous soil. Environmental Science and Pollution Research, 2018, 25, 14752-14761.	5.3	23
108	Synthesis, Thermal and Combustion Properties of New Polyamide/Amidoacid@Fe <sub>3</sub> O <sub>4</sub> Nanocomposite. Advances in Polymer Technology, 2018, 37, 559-565.	1.7	7

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109	Structural and electrochemical properties of PEO/PAN nanofibrous blends: Prediction of graphene localization. <i>Polymer Composites</i> , 2018, 39, 3626-3635.	4.6	12
110	Chemically Functionalized Graphene Nanosheets and Their Influence on Thermal Stability, Mechanical, Morphological, and Electrical Properties of Poly(methyl methacrylate)/Poly(ethylene Oxide) Blend. <i>Polymer-Plastics Technology and Engineering</i> , 2018, 57, 156-165.	1.9	5
111	Shape memory and mechanical properties of TPU/ABS blends: The role of pristine versus organo-modified carbon nanotubes. <i>Polymer Composites</i> , 2018, 39, E984.	4.6	4
112	Design, preparation, and characterization of fast cure epoxy/amine-functionalized graphene oxide nanocomposites. <i>Polymer Composites</i> , 2018, 39, E2016.	4.6	63
113	Effect of Microstructure of High Density Polyethylene on Catalytic Degradation: A Comparison Between Nano Clay and FCC. <i>Journal of Polymers and the Environment</i> , 2018, 26, 1540-1549.	5.0	6
114	Bacillus species as the most promising bacterial biocontrol agents in rhizosphere and endorhiza of plants grown in rotation with each other. <i>European Journal of Plant Pathology</i> , 2018, 150, 497-506.	1.7	22
115	Effect of chlorinated polyethylene on dynamic mechanical and thermal properties of SAN/EPDM blends in dependence of mixing conditions. <i>Journal of Elastomers and Plastics</i> , 2018, 50, 204-221.	1.5	1
116	Modeling and analysis of nonlinear elastoplastic behavior of compatibilized polyolefin/polyester/clay nanocomposites with emphasis on interfacial interaction exploration. <i>Composites Science and Technology</i> , 2018, 154, 92-103.	7.8	32
117	Cure kinetics of epoxy/chicken eggshell biowaste composites: Isothermal calorimetric and chemorheological analyses. <i>Progress in Organic Coatings</i> , 2018, 114, 208-215.	3.9	49
118	Bioleaching of heavy metals from sewage sludge, direct action of <i>Acidithiobacillus ferrooxidans</i> or only the impact of pH?. <i>Journal of Material Cycles and Waste Management</i> , 2018, 20, 1179-1187.	3.0	22
119	A combined experimental and theoretical approach to quantitative assessment of microstructure in PLA/PP/Organo-Clay nanocomposites; wide-angle x-ray scattering and rheological analysis. <i>Composites Part B: Engineering</i> , 2018, 137, 235-246.	12.0	26
120	Experimental analysis and prediction of viscoelastic creep properties of PP/EVA/LDH nanocomposites using master curves based on time-temperature superposition. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46725.	2.6	10
121	Improved growth and nutrient acquisition of wheat genotypes in phosphorus deficient soils by plant growth-promoting rhizospheric and endophytic bacteria. <i>Soil Science and Plant Nutrition</i> , 2018, 64, 719-727.	1.9	29
122	Temperature dependency of gas barrier properties of biodegradable PP/PLA/nanoclay films: Experimental analyses with a molecular dynamics simulation approach. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46665.	2.6	22
123	An investigation of $\text{TiO}_2$ nanoparticles effect on morphology, thermal, and mechanical properties of epoxy/silica composites. <i>Journal of Vinyl and Additive Technology</i> , 2017, 23, E216.	3.4	13
124	Analysis of dynamic oscillatory rheological properties of PP/EVA/organo-modified LDH ternary hybrids based on generalized Newtonian fluid and generalized linear viscoelastic approaches. <i>Polymer Bulletin</i> , 2017, 74, 465-482.	3.3	11
125	Evaluation of Gram-positive rhizosphere and endophytic bacteria for biological control of fungal rice ( <i>Oryza sativa</i> L.) pathogens. <i>European Journal of Plant Pathology</i> , 2017, 147, 7-14.	1.7	38
126	Thermal stability and flammability of ethylene vinyl acetate copolymers in presence of nanoclay and a halogen-free flame retardant. <i>Journal of Vinyl and Additive Technology</i> , 2017, 23, E92.	3.4	4



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127	A comprehensive study on morphological and rheological behavior of poly(ethylene terephthalate) and poly(ethyleneâ€2,6â€naphthalene) nanocomposite blends in presence of graphene. Journal of Vinyl and Additive Technology, 2017, 23, E160.	3.4	2
128	Assessment of thermal, morphological, and mechanical properties of poly(methyl methacrylate)/glass flake composites. Journal of Vinyl and Additive Technology, 2017, 23, 62-69.	3.4	4
129	Interrelationship of thermal and mechanical properties of poly(ethylene terephthalate)/poly(ethylene Tj ETQq1 1 0,784314 rgBT /Ove	3.4	9
130	Biowaste chicken eggshell powder as a potential cure modifier for epoxy/anhydride systems: competitiveness with terpolymer-modified calcium carbonate at low loading levels. RSC Advances, 2017, 7, 2218-2230.	3.6	55
131	POSS fernlike structure as a support for TiO2 nanoparticles in fabrication of superhydrophobic polymer-based nanocomposite surfaces. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 520, 514-521.	4.7	16
132	Using a $\beta$ -Cyclodextrin-functional Fe <sub>3</sub> O <sub>4</sub> as a Reinforcement of PLA: Synthesis, Thermal, and Combustion Properties. Polymer-Plastics Technology and Engineering, 2017, 56, 1366-1373.	1.9	9
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