Yoldas

List of Publications by Year in descending order

97 papers	4,152 citations	117625 34 h-index	118850 62 g-index
97 all docs	97 docs citations	97 times ranked	4578 citing authors

#	Article	IF	Citations
1	Sorption of malachite green on chitosan bead. Journal of Hazardous Materials, 2008, 154, 254-261.	12.4	196
2	Extraction and properties of Ferula communis (chakshir) fibers as novel reinforcement for composites materials. Composites Part B: Engineering, 2013, 44, 517-523.	12.0	187
3	Innovative multifunctional siloxane treatment of jute fiber surface and its effect on the mechanical properties of jute/thermoset composites. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2009, 508, 247-252.	5.6	182
4	Removal of boron from aqueous solution by clays and modified clays. Journal of Colloid and Interface Science, 2006, 293, 36-42.	9.4	171
5	Kinetic and thermodynamic studies of boron removal by Siral 5, Siral 40, and Siral 80. Journal of Colloid and Interface Science, 2005, 286, 440-446.	9.4	157
6	Using of activated carbon produced from spent tea leaves for the removal of malachite green from aqueous solution. Ecological Engineering, 2013, 52, 19-27.	3.6	152
7	Effects of the atmospheric plasma treatments on surface and mechanical properties of flax fiber and adhesion between fiberâ€“matrix for composite materials. Composites Part B: Engineering, 2013, 45, 565-572.	12.0	149
8	A natural sorbent, Luffa cylindrica for the removal of a model basic dye. Journal of Hazardous Materials, 2010, 179, 658-664.	12.4	144
9	Removal of malachite green by using an invasive marine alga Caulerpa racemosa var. cylindracea. Journal of Hazardous Materials, 2009, 161, 1454-1460.	12.4	138
10	Determination of properties of Althaea officinalis L. (Marshmallow) fibres as a potential plant fibre in polymeric composite materials. Composites Part B: Engineering, 2014, 57, 180-186.	12.0	130
11	Preparation of pH- and ionic-strength responsive biodegradable fumaric acid crosslinked carboxymethyl cellulose. Carbohydrate Polymers, 2012, 90, 1634-1641.	10.2	126
12	Adsorption of Promethazine hydrochloride with KSF Montmorillonite. Adsorption, 2006, 12, 89-100.	3.0	118
13	Equilibrium studies for trimethoprim adsorption on montmorillonite KSF. Journal of Hazardous Materials, 2006, 133, 233-242.	12.4	114
14	Surface treatments of jute fabric: The influence of surface characteristics on jute fabrics and mechanical properties of jute/polyester composites. Industrial Crops and Products, 2012, 35, 22-30.	5.2	91
15	The Mechanical Properties of Î³-Methacryloxypropyltrimethoxy silane-treated Jute/Polyester Composites. Journal of Composite Materials, 2010, 44, 1913-1924.	2.4	86
16	Carboxymethylcellulose (CMC)â€“hydroxyethylcellulose (HEC) based hydrogels: synthesis and characterization. Cellulose, 2014, 21, 1689-1698.	4.9	85
17	Paraquat adsorption onto clays and organoclays from aqueous solution. Journal of Colloid and Interface Science, 2005, 287, 1-5.	9.4	84
18	Removal of boron from aqueous solution by adsorption on Al2O3 based materials using full factorial design. Journal of Hazardous Materials, 2006, 138, 60-66.	12.4	81

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19	FTIR and SEM analysis of polyesterâ€•and epoxyâ€based composites manufactured by VARTM process. Journal of Applied Polymer Science, 2008, 108, 2163-2170.	2.6	80
20	Enhancement of the mechanical properties of glass/polyester composites via matrix modification glass/polyester composite siloxane matrix modification. Fibers and Polymers, 2010, 11, 732-737.	2.1	79
21	Equilibrium and kinetics for the sorption of promethazine hydrochloride onto K10 montmorillonite. Journal of Colloid and Interface Science, 2006, 299, 155-162.	9.4	78
22	A study of equilibrium and FTIR, SEM/EDS analysis of trimethoprim adsorption onto K10. Journal of Molecular Structure, 2007, 827, 67-74.	3.6	78
23	Electrical and mechanical properties of expanded graphite/high density polyethylene nanocomposites. Composites Part B: Engineering, 2013, 53, 226-233.	12.0	64
24	Effect of the low and radio frequency oxygen plasma treatment of jute fiber on mechanical properties of jute fiber/polyester composite. Fibers and Polymers, 2010, 11, 1159-1164.	2.1	63
25	Effect of the atmospheric plasma treatment parameters on surface and mechanical properties of jute fabric. Fibers and Polymers, 2009, 10, 781-786.	2.1	62
26	Sodium silicate/polyurethane microcapsules used for self-healing in cementitious materials: Monomer optimization, characterization, and fracture behavior. Construction and Building Materials, 2018, 162, 57-64.	7.2	62
27	Application of carboxymethylcellulose hydrogel based silver nanocomposites on cotton fabrics for antibacterial property. Carbohydrate Polymers, 2015, 134, 128-135.	10.2	61
28	Characterization of Luffa cylindrica fibers and the effect of water aging on the mechanical properties of its composite with polyester. Journal of Applied Polymer Science, 2012, 123, 2330-2337.	2.6	59
29	Thermal properties of myristic acid/graphite nanoplates composite phase change materials. Renewable Energy, 2015, 75, 243-248.	8.9	56
30	Fabrication and characterization of olive pomace filled PP composites. Composites Part B: Engineering, 2018, 150, 277-283.	12.0	43
31	Electroactive behavior of graphene nanoplatelets loaded cellulose composite actuators. Composites Part B: Engineering, 2015, 69, 369-377.	12.0	42
32	Graphite nanoplates loading into eutectic mixture of Adipic acid and Sebacic acid as phase change material. Solar Energy Materials and Solar Cells, 2015, 140, 457-463.	6.2	40
33	Oxygen plasma treatments of jute fibers in improving the mechanical properties of jute/HDPE composites. Materials Chemistry and Physics, 2011, 129, 275-280.	4.0	37
34	The effect of argon and air plasma treatment of flax fiber on mechanical properties of reinforced polyester composite. Journal of Industrial Textiles, 2016, 45, 1252-1267.	2.4	35
35	Effects of fiber surface treatments on mechanical properties of epoxy composites reinforced with glass fabric. Journal of Materials Science, 2008, 43, 4666-4672.	3.7	32
36	Sorption of boron by invasive marine seaweed: Caulerpa racemosa var. cylindracea. Chemical Engineering Journal, 2009, 150, 385-390.	12.7	32

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37	Effect of huntite mineral on mechanical, thermal and morphological properties of polyester matrix. Composites Part B: Engineering, 2013, 45, 1534-1540.	12.0	32
38	Concentration effect of Î³â€glycidoxypropyltrimethoxysilane on the mechanical properties of glass fiberâ€“epoxy composites. Polymer Composites, 2009, 30, 1251-1257.	4.6	29
39	Manufacturing and mechanical, thermal and electrical characterization of graphene loaded chitosan composites. Composites Part B: Engineering, 2016, 98, 281-287.	12.0	28
40	Synergistic effects of graphene nanoplatelets in thermally conductive synthetic graphite filled polypropylene composite. Polymer Composites, 2019, 40, 277-287.	4.6	27
41	Preparation and characterization of chitosan/KSF biocomposite film. Polymer Composites, 2009, 30, 1035-1042.	4.6	25
42	Equilibrium, kinetics and thermodynamic aspects of Promethazine hydrochloride sorption by iron rich smectite. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 340, 143-148.	4.7	25
43	Variations of mechanical properties of jute/polyester composite aged in various media. Journal of Composite Materials, 2012, 46, 2219-2225.	2.4	25
44	Synthesis of chitosan beads as boron sorbents. Journal of Applied Polymer Science, 2011, 122, 657-665.	2.6	24
45	Electromechanical performance of chitosan-based composite electroactive actuators. Composites Science and Technology, 2016, 129, 108-115.	7.8	23
46	Evaluation of linden fibre as a potential reinforcement material for polymer composites. Journal of Industrial Textiles, 2016, 45, 1221-1238.	2.4	23
47	Application of iron-rich natural clays in Ã‡amlica, Turkey for boron sorption from water and its determination by fluorimetric-azomethine-H method. Journal of Hazardous Materials, 2007, 146, 180-185.	12.4	22
48	Preparation and characterization of poly(acrylic acid)/pillared clay superabsorbent composite. Polymer Bulletin, 2010, 64, 171-183.	3.3	22
49	The effect of gold electrode thicknesses on electromechanical performance of Nafion-based Ionic Polymer Metal Composite actuators. Composites Part B: Engineering, 2019, 165, 747-753.	12.0	21
50	Effects of conductive graphite filler loading on physical properties of highâ€density polyethylene composite. Polymer Composites, 2012, 33, 1071-1076.	4.6	20
51	Mechanical, thermal, and viscoelastic investigations on expanded perliteâ€“filled high-density polyethylene composite. Journal of Elastomers and Plastics, 2018, 50, 747-761.	1.5	20
52	Enhanced <scp>inâ€plane</scp> and <scp>throughâ€plane</scp> thermal conductivity and mechanical properties of polyamide 4.6 composites loaded with hybrid carbon fiber, synthetic graphite and graphene. Polymer Composites, 2021, 42, 4630-4642.	4.6	20
53	Development of antimicrobial cotton fabric using bionanocomposites. Cellulose, 2013, 20, 3111-3121.	4.9	19
54	Development and evaluation of graphite nanoplate (GNP)-based phase change material for energy storage applications. International Journal of Energy Research, 2015, 39, 696-708.	4.5	19

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55	Manufacturing of recycled carbon fiber reinforced polypropylene composites by high speed thermoâ€kinetic mixing for lightweight applications. Polymer Composites, 2018, 39, 3656-3665.	4.6	19
56	Effect of the atmospheric plasma treatment parameters on jute fabric: The effect on mechanical properties of jute fabric/polyester composites. Journal of Applied Polymer Science, 2011, 121, 634-638.	2.6	18
57	Mechanical and thermal properties of Carpinas betulus fiber filled polypropylene composites. Polymer Composites, 2020, 41, 1925-1935.	4.6	17
58	Preparation and characterization of thin films by plasma polymerization of glycidoxypropyltrimethoxysilane at different plasma powers and exposure times. Applied Surface Science, 2009, 255, 8450-8457.	6.1	15
59	Effect of siloxane treatment of jute fabric on the mechanical and thermal properties of jute/HDPE. Journal of Reinforced Plastics and Composites, 2012, 31, 1009-1016.	3.1	15
60	Effects of PEG loading on electromechanical behavior of cellulose-based electroactive composite. Cellulose, 2015, 22, 1873-1881.	4.9	15
61	The effect of atmospheric plasma treatment of recycled carbon fiber at different plasma powers on recycled carbon fiber and its polypropylene composites. Journal of Applied Polymer Science, 2019, 136, 47131.	2.6	15
62	Preparation and characterization of poly(acrylic acid)-iron rich smectite superabsorbent composites. Polymers for Advanced Technologies, 2007, 18, 477-482.	3.2	14
63	Improvement of the electromechanical performance of carboxymethylcellulose-based actuators by graphene nanoplatelet loading. Cellulose, 2015, 22, 3251-3260.	4.9	14
64	Characterizationâ€‹ and â€‹analysis of â€‹mâ€‹otion â€‹mâ€‹echanismâ€‹ of electroactiveâ€‹ chitosan-based actuator. Carbohydrate Polymers, 2018, 181, 404-411.	10.2	13
65	Graphene oxide modified carbon fiber prepregs: A mechanical comparison of the effects of oxidation methods. EXPRESS Polymer Letters, 2020, 14, 1106-1115.	2.1	13
66	Synthesis of pH dependent chitosanâ€EPI hydrogel films and their application for in vitro release of promethazine hydrochloride. Journal of Applied Polymer Science, 2008, 109, 683-690.	2.6	12
67	The effect of pumice powder on mechanical and thermal properties of polypropylene. Journal of Thermoplastic Composite Materials, 2019, 32, 1092-1106.	4.2	12
68	Polyester composites reinforced with noncrimp stitched carbon fabrics: Mechanical characterization of composites and investigation on the interaction between polyester and carbon fiber. Journal of Applied Polymer Science, 2006, 102, 4554-4564.	2.6	11
69	Identification and characterization of Fe-rich smectites in the Ã‡amlÄ±ca Region of western Turkey. Clay Minerals, 2007, 42, 153-160.	0.6	10
70	The structure of Î³â€glycidoxypropyltrimethoxysilane on glass fiber surfaces: Characterization by FTIR, SEM, and contact angle measurements. Polymer Composites, 2009, 30, 550-558.	4.6	10
71	Evaluating of Agave americana fibers for biosorption of dye from aqueous solution. Fibers and Polymers, 2015, 16, 370-377.	2.1	10
72	Evaluating of reinforcing effect of Ceratonia Siliqua for polypropylene: Tensile, flexural and other properties. Polymer Testing, 2020, 89, 106607.	4.8	10

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73	The Using of Graphene Nanoâ€Platelets for a Better throughâ€Plane Thermal Conductivity for Polypropylene. Polymer Composites, 2019, 40, E1320.	4.6	8
74	Investigation of thermal and mechanical properties of synthetic graphite and recycled carbon fiber filled polypropylene composites. Materials Research Express, 2019, 6, 065312.	1.6	8
75	Sodium silicate/polyurethane microcapsules synthesized for enhancing self-healing ability of cementitious materials: Optimization of stirring speeds and evaluation of self-healing efficiency. Journal of Building Engineering, 2021, 39, 102279.	3.4	8
76	Electromechanical characterization of multilayer graphene-reinforced cellulose composite containing 1-ethyl-3-methylimidazolium diethylphosphonate ionic liquid. Science and Engineering of Composite Materials, 2017, 24, 289-295.	1.4	7
77	Development of Conductivity of Acrylic Polymer Using Ionic Liquids Incorporated with Zinc Oxide Nanoparticles. Polymer-Plastics Technology and Engineering, 2017, 56, 1942-1948.	1.9	6
78	Mechanical anisotropy in unidirectional glass fabric reinforced oligomeric siloxane modified polyester composites. Fibers and Polymers, 2012, 13, 775-781.	2.1	5
79	The investigation of antistatic effects of 1-ethyl-2,3-dimethylimidazolium ethyl sulphate for acrylic-based polymer film. Plastics, Rubber and Composites, 2016, 45, 362-367.	2.0	5
80	Improvement of Interfacial Adhesion of Glass Fiber/Epoxy Composite by Using Plasma Polymerized Glass Fibers. Journal of Adhesion, 2010, 86, 915-938.	3.0	4
81	A detailed characterization of sandalwood-filled high-density polyethylene composites. Journal of Thermoplastic Composite Materials, 2022, 35, 1903-1920.	4.2	4
82	Improving thermal conductivity of polybutylene terephthalate composites with hybrid synthetic graphite and carbon fiber. Journal of Thermoplastic Composite Materials, 2023, 36, 595-614.	4.2	4
83	Thermal, Electrical, and Mechanical Properties of Various Thermal Conductive Powder Filled Polyamide 6 Composite Materials for Thermal Management Applications. Acta Physica Polonica A, 2018, 134, 200-203.	0.5	4
84	Linear Low Density Polyethylene Filled with Almond Shells Particles: Mechanical and Thermal Properties. Acta Physica Polonica A, 2019, 135, 1042-1044.	0.5	4
85	Thermal conductivity and mechanical properties of synthetic graphite loaded polyphenylene sulfide composites. AIP Conference Proceedings, 2020, , .	0.4	4
86	Polyester composites reinforced with noncrimp stitched glass fabrics: Experimental characterization of composites and investigation on the interaction between glass fiber and polyester matrix. Polymer Composites, 2008, 29, 262-273.	4.6	3
87	Preparation and properties of rice huskâ€filled plasticized wheat gluten biocomposites. Polymer Engineering and Science, 2014, 54, 1477-1483.	3.1	3
88	The effect of methyl-tri-n-butylammonium methylsulfate and graphite nanoplates on production of antistatic acrylic polymer. Polymer-Plastics Technology and Materials, 2019, 58, 1471-1479.	1.3	3
89	Investigation of the effects of PWM parameters on ionic polymer metal composite actuators. Smart Materials and Structures, 2014, 23, 095024.	3.5	2
90	The effect of various mineral fillers on thermal, mechanical, and rheological properties of polypropylene. Research on Engineering Structures and Materials, 2021, , .	0.4	2

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91	Investigation of mechanical properties of paper processing residue filled high density polyetylene (HDPE) composites. Pamukkale University Journal of Engineering Sciences, 2017, 23, 949-953.	0.4	2
92	Effect of Diatomite Weight Fraction on Morphology, Thermal and Physical Properties of Diatomite Filled High Density Polyethylene Composites. Acta Physica Polonica A, 2018, 134, 281-284.	0.5	2
93	The Effect of Various Minerals on Sound Transmission Loss and Mechanical Properties of Polypropylene. Acta Physica Polonica A, 2019, 135, 1055-1057.	0.5	1
94	Effect of Ulexite on Mechanical, Thermal, and Flame Properties of Halogen-Free Fire Retardant Polypropylene. Acta Physica Polonica A, 2019, 135, 1143-1147.	0.5	1
95	Effect of Compatibilizer on Morphology, Thermal and Mechanical Properties of Recycled Carbon Fiber Reinforced Polypropylene Composites. Acta Physica Polonica A, 2018, 134, 196-199.	0.5	1
96	Microencapsulation of Isophorone Diisocyanate with Silica Shell. RILEM Bookseries, 2021, , 105-118.	0.4	0
97	Hybrid carbon filled thermoplastic composites: synergistic effect of synthetic graphite and graphene nanoplatelets on thermal and mechanical properties of polyamide 4.6. Plastics, Rubber and Composites, 2022, 51, 173-184.	2.0	0