

Yoldas

List of Publications by Year in descending order

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97
papers

4,152
citations

117453

34
h-index

118652

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. <i>Journal of Hazardous Materials</i> , 2008, 154, 254-261.	6.5	196
2	Extraction and properties of <i>Ferula communis</i> (chakshir) fibers as novel reinforcement for composites materials. <i>Composites Part B: Engineering</i> , 2013, 44, 517-523.	5.9	187
3	Innovative multifunctional siloxane treatment of jute fiber surface and its effect on the mechanical properties of jute/thermoset composites. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2009, 508, 247-252.	2.6	182
4	Removal of boron from aqueous solution by clays and modified clays. <i>Journal of Colloid and Interface Science</i> , 2006, 293, 36-42.	5.0	171
5	Kinetic and thermodynamic studies of boron removal by Siral 5, Siral 40, and Siral 80. <i>Journal of Colloid and Interface Science</i> , 2005, 286, 440-446.	5.0	157
6	Using of activated carbon produced from spent tea leaves for the removal of malachite green from aqueous solution. <i>Ecological Engineering</i> , 2013, 52, 19-27.	1.6	152
7	Effects of the atmospheric plasma treatments on surface and mechanical properties of flax fiber and adhesion between fiber-matrix for composite materials. <i>Composites Part B: Engineering</i> , 2013, 45, 565-572.	5.9	149
8	A natural sorbent, <i>Luffa cylindrica</i> for the removal of a model basic dye. <i>Journal of Hazardous Materials</i> , 2010, 179, 658-664.	6.5	144
9	Removal of malachite green by using an invasive marine alga <i>Caulerpa racemosa</i> var. <i>cylindracea</i> . <i>Journal of Hazardous Materials</i> , 2009, 161, 1454-1460.	6.5	138
10	Determination of properties of <i>Althaea officinalis</i> L. (Marshmallow) fibres as a potential plant fibre in polymeric composite materials. <i>Composites Part B: Engineering</i> , 2014, 57, 180-186.	5.9	130
11	Preparation of pH- and ionic-strength responsive biodegradable fumaric acid crosslinked carboxymethyl cellulose. <i>Carbohydrate Polymers</i> , 2012, 90, 1634-1641.	5.1	126
12	Adsorption of Promethazine hydrochloride with KSF Montmorillonite. <i>Adsorption</i> , 2006, 12, 89-100.	1.4	118
13	Equilibrium studies for trimethoprim adsorption on montmorillonite KSF. <i>Journal of Hazardous Materials</i> , 2006, 133, 233-242.	6.5	114
14	Surface treatments of jute fabric: The influence of surface characteristics on jute fabrics and mechanical properties of jute/polyester composites. <i>Industrial Crops and Products</i> , 2012, 35, 22-30.	2.5	91
15	The Mechanical Properties of γ -Methacryloxypropyltrimethoxy silane-treated Jute/Polyester Composites. <i>Journal of Composite Materials</i> , 2010, 44, 1913-1924.	1.2	86
16	Carboxymethylcellulose (CMC)-hydroxyethylcellulose (HEC) based hydrogels: synthesis and characterization. <i>Cellulose</i> , 2014, 21, 1689-1698.	2.4	85
17	Paraquat adsorption onto clays and organoclays from aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2005, 287, 1-5.	5.0	84
18	Removal of boron from aqueous solution by adsorption on Al ₂ O ₃ based materials using full factorial design. <i>Journal of Hazardous Materials</i> , 2006, 138, 60-66.	6.5	81

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19	FTIR and SEM analysis of polyester and epoxy based composites manufactured by VARTM process. Journal of Applied Polymer Science, 2008, 108, 2163-2170.	1.3	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.	1.1	79
21	Equilibrium and kinetics for the sorption of promethazine hydrochloride onto K10 montmorillonite. Journal of Colloid and Interface Science, 2006, 299, 155-162.	5.0	78
22	A study of equilibrium and FTIR, SEM/EDS analysis of trimethoprim adsorption onto K10. Journal of Molecular Structure, 2007, 827, 67-74.	1.8	78
23	Electrical and mechanical properties of expanded graphite/high density polyethylene nanocomposites. Composites Part B: Engineering, 2013, 53, 226-233.	5.9	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.	1.1	63
25	Effect of the atmospheric plasma treatment parameters on surface and mechanical properties of jute fabric. Fibers and Polymers, 2009, 10, 781-786.	1.1	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.	3.2	62
27	Application of carboxymethylcellulose hydrogel based silver nanocomposites on cotton fabrics for antibacterial property. Carbohydrate Polymers, 2015, 134, 128-135.	5.1	61
28	Characterization of <i>Luffa cylindrica</i> 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.	1.3	59
29	Thermal properties of myristic acid/graphite nanoplates composite phase change materials. Renewable Energy, 2015, 75, 243-248.	4.3	56
30	Fabrication and characterization of olive pomace filled PP composites. Composites Part B: Engineering, 2018, 150, 277-283.	5.9	43
31	Electroactive behavior of graphene nanoplatelets loaded cellulose composite actuators. Composites Part B: Engineering, 2015, 69, 369-377.	5.9	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.	3.0	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.	2.0	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.	1.1	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.	1.7	32
36	Sorption of boron by invasive marine seaweed: <i>Caulerpa racemosa</i> var. <i>cylindracea</i> . Chemical Engineering Journal, 2009, 150, 385-390.	6.6	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.	5.9	32
38	Concentration effect of γ -glycidoxypropyltrimethoxysilane on the mechanical properties of glass fiber-epoxy composites. Polymer Composites, 2009, 30, 1251-1257.	2.3	29
39	Manufacturing and mechanical, thermal and electrical characterization of graphene loaded chitosan composites. Composites Part B: Engineering, 2016, 98, 281-287.	5.9	28
40	Synergistic effects of graphene nanoplatelets in thermally conductive synthetic graphite filled polypropylene composite. Polymer Composites, 2019, 40, 277-287.	2.3	27
41	Preparation and characterization of chitosan/KSF biocomposite film. Polymer Composites, 2009, 30, 1035-1042.	2.3	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.	2.3	25
43	Variations of mechanical properties of jute/polyester composite aged in various media. Journal of Composite Materials, 2012, 46, 2219-2225.	1.2	25
44	Synthesis of chitosan beads as boron sorbents. Journal of Applied Polymer Science, 2011, 122, 657-665.	1.3	24
45	Electromechanical performance of chitosan-based composite electroactive actuators. Composites Science and Technology, 2016, 129, 108-115.	3.8	23
46	Evaluation of linden fibre as a potential reinforcement material for polymer composites. Journal of Industrial Textiles, 2016, 45, 1221-1238.	1.1	23
47	Application of iron-rich natural clays in $\text{A}\ddot{\text{m}}\text{lica}$, Turkey for boron sorption from water and its determination by fluorimetric-azomethine-H method. Journal of Hazardous Materials, 2007, 146, 180-185.	6.5	22
48	Preparation and characterization of poly(acrylic acid)/pillared clay superabsorbent composite. Polymer Bulletin, 2010, 64, 171-183.	1.7	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.	5.9	21
50	Effects of conductive graphite filler loading on physical properties of high-density polyethylene composite. Polymer Composites, 2012, 33, 1071-1076.	2.3	20
51	Mechanical, thermal, and viscoelastic investigations on expanded perlite-filled high-density polyethylene composite. Journal of Elastomers and Plastics, 2018, 50, 747-761.	0.7	20
52	Enhanced in-plane and through-plane 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.	2.3	20
53	Development of antimicrobial cotton fabric using bionanocomposites. Cellulose, 2013, 20, 3111-3121.	2.4	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.	2.2	19

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55	Manufacturing of recycled carbon fiber reinforced polypropylene composites by high speed thermo-kinetic mixing for lightweight applications. <i>Polymer Composites</i> , 2018, 39, 3656-3665.	2.3	19
56	Effect of the atmospheric plasma treatment parameters on jute fabric: The effect on mechanical properties of jute fabric/polyester composites. <i>Journal of Applied Polymer Science</i> , 2011, 121, 634-638.	1.3	18
57	Mechanical and thermal properties of <i>Carpinus betulus</i> fiber filled polypropylene composites. <i>Polymer Composites</i> , 2020, 41, 1925-1935.	2.3	17
58	Preparation and characterization of thin films by plasma polymerization of glycidoxypropyltrimethoxysilane at different plasma powers and exposure times. <i>Applied Surface Science</i> , 2009, 255, 8450-8457.	3.1	15
59	Effect of siloxane treatment of jute fabric on the mechanical and thermal properties of jute/HDPE. <i>Journal of Reinforced Plastics and Composites</i> , 2012, 31, 1009-1016.	1.6	15
60	Effects of PEG loading on electromechanical behavior of cellulose-based electroactive composite. <i>Cellulose</i> , 2015, 22, 1873-1881.	2.4	15
61	The effect of atmospheric plasma treatment of recycled carbon fiber at different plasma powers on recycled carbon fiber and its polypropylene composites. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47131.	1.3	15
62	Preparation and characterization of poly(acrylic acid)-iron rich smectite superabsorbent composites. <i>Polymers for Advanced Technologies</i> , 2007, 18, 477-482.	1.6	14
63	Improvement of the electromechanical performance of carboxymethylcellulose-based actuators by graphene nanoplatelet loading. <i>Cellulose</i> , 2015, 22, 3251-3260.	2.4	14
64	Characterization and analysis of electroactive chitosan-based actuator. <i>Carbohydrate Polymers</i> , 2018, 181, 404-411.	5.1	13
65	Graphene oxide modified carbon fiber prepreps: A mechanical comparison of the effects of oxidation methods. <i>EXPRESS Polymer Letters</i> , 2020, 14, 1106-1115.	1.1	13
66	Synthesis of pH dependent chitosan-PI hydrogel films and their application for <i>in vitro</i> release of promethazine hydrochloride. <i>Journal of Applied Polymer Science</i> , 2008, 109, 683-690.	1.3	12
67	The effect of pumice powder on mechanical and thermal properties of polypropylene. <i>Journal of Thermoplastic Composite Materials</i> , 2019, 32, 1092-1106.	2.6	12
68	Polyester composites reinforced with noncrimp stitched carbon fabrics: Mechanical characterization of composites and investigation on the interaction between polyester and carbon fiber. <i>Journal of Applied Polymer Science</i> , 2006, 102, 4554-4564.	1.3	11
69	Identification and characterization of Fe-rich smectites in the $\text{A}\ddot{\text{a}}\text{M}\ddot{\text{L}}\ddot{\text{A}}\text{ca}$ Region of western Turkey. <i>Clay Minerals</i> , 2007, 42, 153-160.	0.2	10
70	The structure of glycidoxypropyltrimethoxysilane on glass fiber surfaces: Characterization by FTIR, SEM, and contact angle measurements. <i>Polymer Composites</i> , 2009, 30, 550-558.	2.3	10
71	Evaluating of <i>Agave americana</i> fibers for biosorption of dye from aqueous solution. <i>Fibers and Polymers</i> , 2015, 16, 370-377.	1.1	10
72	Evaluating of reinforcing effect of <i>Ceratonia Siliqua</i> for polypropylene: Tensile, flexural and other properties. <i>Polymer Testing</i> , 2020, 89, 106607.	2.3	10

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73	The Using of Graphene Nano-Platelets for a Better through-Plane Thermal Conductivity for Polypropylene. <i>Polymer Composites</i> , 2019, 40, E1320.	2.3	8
74	Investigation of thermal and mechanical properties of synthetic graphite and recycled carbon fiber filled polypropylene composites. <i>Materials Research Express</i> , 2019, 6, 065312.	0.8	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. <i>Journal of Building Engineering</i> , 2021, 39, 102279.	1.6	8
76	Electromechanical characterization of multilayer graphene-reinforced cellulose composite containing 1-ethyl-3-methylimidazolium diethylphosphonate ionic liquid. <i>Science and Engineering of Composite Materials</i> , 2017, 24, 289-295.	0.6	7
77	Development of Conductivity of Acrylic Polymer Using Ionic Liquids Incorporated with Zinc Oxide Nanoparticles. <i>Polymer-Plastics Technology and Engineering</i> , 2017, 56, 1942-1948.	1.9	6
78	Mechanical anisotropy in unidirectional glass fabric reinforced oligomeric siloxane modified polyester composites. <i>Fibers and Polymers</i> , 2012, 13, 775-781.	1.1	5
79	The investigation of antistatic effects of 1-ethyl-2,3-dimethylimidazolium ethyl sulphate for acrylic-based polymer film. <i>Plastics, Rubber and Composites</i> , 2016, 45, 362-367.	0.9	5
80	Improvement of Interfacial Adhesion of Glass Fiber/Epoxy Composite by Using Plasma Polymerized Glass Fibers. <i>Journal of Adhesion</i> , 2010, 86, 915-938.	1.8	4
81	A detailed characterization of sandalwood-filled high-density polyethylene composites. <i>Journal of Thermoplastic Composite Materials</i> , 2022, 35, 1903-1920.	2.6	4
82	Improving thermal conductivity of polybutylene terephthalate composites with hybrid synthetic graphite and carbon fiber. <i>Journal of Thermoplastic Composite Materials</i> , 2023, 36, 595-614.	2.6	4
83	Thermal, Electrical, and Mechanical Properties of Various Thermal Conductive Powder Filled Polyamide 6 Composite Materials for Thermal Management Applications. <i>Acta Physica Polonica A</i> , 2018, 134, 200-203.	0.2	4
84	Linear Low Density Polyethylene Filled with Almond Shells Particles: Mechanical and Thermal Properties. <i>Acta Physica Polonica A</i> , 2019, 135, 1042-1044.	0.2	4
85	Thermal conductivity and mechanical properties of synthetic graphite loaded polyphenylene sulfide composites. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	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. <i>Polymer Composites</i> , 2008, 29, 262-273.	2.3	3
87	Preparation and properties of rice husk-filled plasticized wheat gluten biocomposites. <i>Polymer Engineering and Science</i> , 2014, 54, 1477-1483.	1.5	3
88	The effect of methyl-tri-n-butylammonium methylsulfate and graphite nanoplates on production of antistatic acrylic polymer. <i>Polymer-Plastics Technology and Materials</i> , 2019, 58, 1471-1479.	0.6	3
89	Investigation of the effects of PWM parameters on ionic polymer metal composite actuators. <i>Smart Materials and Structures</i> , 2014, 23, 095024.	1.8	2
90	The effect of various mineral fillers on thermal, mechanical, and rheological properties of polypropylene. <i>Research on Engineering Structures and Materials</i> , 2021, , .	0.2	2

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91	Investigation of mechanical properties of paper processing residue filled high density polyethylene (HDPE) composites. Pamukkale University Journal of Engineering Sciences, 2017, 23, 949-953.	0.2	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.	0.2	2
93	The Effect of Various Minerals on Sound Transmission Loss and Mechanical Properties of Polypropylene. Acta Physica Polonica A, 2019, 135, 1055-1057.	0.2	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.	0.2	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.	0.2	1
96	Microencapsulation of Isophorone Diisocyanate with Silica Shell. RILEM Bookseries, 2021, , 105-118.	0.2	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.	0.9	0