

yern chee ching

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

3,568
citations

147726

31
h-index

138417

58
g-index

80
all docs

80
docs citations

80
times ranked

4365
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced curcumin loaded nanocellulose: a possible inhalable nanotherapeutic to treat COVID-19. <i>Cellulose</i> , 2022, 29, 1821-1840.	2.4	24
2	Comparative study on the properties of starch-based bioplastics incorporated with palm oil and epoxidized palm oil. <i>Polymers and Polymer Composites</i> , 2022, 30, 096739112210875.	1.0	5
3	Cellulose supported promising magnetic sorbents for magnetic solid-phase extraction: A review. <i>Carbohydrate Polymers</i> , 2021, 253, 117245.	5.1	16
4	Preparation of aerogel beads and microspheres based on chitosan and cellulose for drug delivery: A review. <i>International Journal of Biological Macromolecules</i> , 2021, 170, 751-767.	3.6	75
5	Preparation and characterization of starch-based bioplastic composites with treated oil palm empty fruit bunch fibers and citric acid. <i>Cellulose</i> , 2021, 28, 4191-4210.	2.4	26
6	Nanotherapeutics for treating coronavirus diseases. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 64, 102634.	1.4	8
7	Cellulose supported magnetic nanohybrids: Synthesis, physicomagnetic properties and biomedical applications-A review. <i>Carbohydrate Polymers</i> , 2021, 267, 118136.	5.1	13
8	Investigations on the interactions of proteins with nanocellulose produced via sulphuric acid hydrolysis. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 1522-1531.	3.6	12
9	Synthesis of chitosan aerogels as promising carriers for drug delivery: A review. <i>Carbohydrate Polymers</i> , 2020, 231, 115744.	5.1	177
10	pH-responsive poly(lactic acid)/sodium carboxymethyl cellulose film for enhanced delivery of curcumin in vitro. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 58, 101787.	1.4	19
11	Nonisocyanate Poly(Hydroxyl Urethane)-Based Green Polymer Hybrid Coating Systems: Tailoring of Biomacromolecular Compound Architecture Using APTMS-ZnO/TEMPO-Oxidized Cellulose Nanoparticles. <i>ACS Omega</i> , 2020, 5, 10315-10326.	1.6	6
12	Recent advances in celluloses and their hybrids for stimuli-responsive drug delivery. <i>International Journal of Biological Macromolecules</i> , 2020, 158, 670-688.	3.6	40
13	Preparation and characterization study on maleic acid cross-linked poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock_10 Tf 50_262 Td (a	1.3	7
14	Curcumin/Tween 20-incorporated cellulose nanoparticles with enhanced curcumin solubility for nano-drug delivery: characterization and in vitro evaluation. <i>Cellulose</i> , 2019, 26, 5467-5481.	2.4	93
15	Applications of Lignocellulosic Fibers and Lignin in Bioplastics: A Review. <i>Polymers</i> , 2019, 11, 751.	2.0	219
16	Poly(lactic acid) composite films reinforced with microcrystalline cellulose and keratin from chicken feather fiber in 1-ethyl-3-(3-dimethylimidazolium chloride). <i>Journal of Applied Polymer Science</i> , 2019, 136, 47642.	1.3	15
17	Synergistic effect of (3-Aminopropyl)Trimethoxysilane treated ZnO and corundum nanoparticles under UV-irradiation on UV-cutoff and IR-absorption spectra of acrylic polyurethane based nanocomposite coating. <i>Polymer Degradation and Stability</i> , 2019, 159, 205-216.	2.7	27
18	Characterization of biogenic hydroxyapatite derived from animal bones for biomedical applications. <i>Ceramics International</i> , 2018, 44, 10525-10530.	2.3	95

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19	Mechanical and physical performance of cowdung-based polypropylene biocomposites. <i>Polymer Composites</i> , 2018, 39, 288-296.	2.3	16
20	The properties of hydroxyapatite ceramic coatings produced by plasma electrolytic oxidation. <i>Ceramics International</i> , 2018, 44, 1802-1811.	2.3	44
21	Effects of PTFE Micro-Particles on the Fiber-Matrix Interface of Polyoxymethylene/Glass Fiber/Polytetrafluoroethylene Composites. <i>Materials</i> , 2018, 11, 2164.	1.3	9
22	Influence of a nonionic surfactant on curcumin delivery of nanocellulose reinforced chitosan hydrogel. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 1055-1064.	3.6	90
23	Influence of Conductive and Semi-Conductive Nanoparticles on the Dielectric Response of Natural Ester-Based Nanofluid Insulation. <i>Energies</i> , 2018, 11, 333.	1.6	49
24	Optimization of Mechanical Properties for Polyoxymethylene/Glass Fiber/Polytetrafluoroethylene Composites Using Response Surface Methodology. <i>Polymers</i> , 2018, 10, 338.	2.0	22
25	Poly(vinyl alcohol)-chitin composites reinforced by oil palm empty fruit bunch fiber-derived nanocellulose. <i>International Journal of Polymer Analysis and Characterization</i> , 2017, 22, 294-304.	0.9	15
26	Influence of sodium on the properties of sol-gel derived hydroxyapatite powder and porous scaffolds. <i>Ceramics International</i> , 2017, 43, 12263-12269.	2.3	15
27	Effect of TEMPO-oxidization and rapid cooling on thermo-structural properties of nanocellulose. <i>Carbohydrate Polymers</i> , 2017, 173, 91-99.	5.1	35
28	Preparation and characterization of nanocellulose reinforced semi-interpenetrating polymer network of chitosan hydrogel. <i>Cellulose</i> , 2017, 24, 2215-2228.	2.4	148
29	Enhancement of Curcumin Bioavailability Using Nanocellulose Reinforced Chitosan Hydrogel. <i>Polymers</i> , 2017, 9, 64.	2.0	108
30	Biomedical and Microbiological Applications of Bio-Based Porous Materials: A Review. <i>Polymers</i> , 2017, 9, 160.	2.0	69
31	Synthesis, Characterization and the Solvent Effects on Interfacial Phenomena of Jatropha Curcas Oil Based Non-Isocyanate Polyurethane. <i>Polymers</i> , 2017, 9, 162.	2.0	21
32	Preparation and Characterization of Polyvinyl Alcohol-Chitosan Composite Films Reinforced with Cellulose Nanofiber. <i>Materials</i> , 2016, 9, 644.	1.3	246
33	Fabrication of Porous Materials from Natural/Synthetic Biopolymers and Their Composites. <i>Materials</i> , 2016, 9, 991.	1.3	132
34	Review of Bionanocomposite Coating Films and Their Applications. <i>Polymers</i> , 2016, 8, 246.	2.0	72
35	Sono-synthesis of nanohydroxyapatite: Effects of process parameters. <i>Ceramics International</i> , 2016, 42, 6263-6272.	2.3	13
36	Rheological properties of cellulose nanocrystal-embedded polymer composites: a review. <i>Cellulose</i> , 2016, 23, 1011-1030.	2.4	110

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37	Alkaline etching treatment of PVDF membrane for water filtration. RSC Advances, 2016, 6, 22153-22160.	1.7	21
38	Effects of heat treatment on chitosan nanocomposite film reinforced with nanocrystalline cellulose and tannic acid. Carbohydrate Polymers, 2016, 140, 202-208.	5.1	73
39	Individualization of microfibrillated celluloses from oil palm empty fruit bunch: comparative studies between acid hydrolysis and ammonium persulfate oxidation. Cellulose, 2016, 23, 379-390.	2.4	69
40	Membrane bioreactor performance improvement by adding adsorbent and coagulant: a comparative study. Desalination and Water Treatment, 2016, 57, 13433-13439.	1.0	7
41	Preparation and Characterization of Polyvinyl Alcohol-Based Composite Reinforced with Nanocellulose and Nanosilica. BioResources, 2015, 10, .	0.5	102
42	A Review of Natural Fiber Reinforced Poly(Vinyl Alcohol) Based Composites: Application and Opportunity. Polymers, 2015, 7, 2205-2222.	2.0	138
43	Effect of Palm Oil Bio-Based Plasticizer on the Morphological, Thermal and Mechanical Properties of Poly(Vinyl Chloride). Polymers, 2015, 7, 2031-2043.	2.0	29
44	Effect of Fiber Orientation on Mechanical Properties of Kenaf-Reinforced Polymer Composite. BioResources, 2015, 10, .	0.5	43
45	Physical and chemical reinforcement of chitosan film using nanocrystalline cellulose and tannic acid. Cellulose, 2015, 22, 2529-2541.	2.4	106
46	Sintering and properties of magnesium orthosilicate ceramic. Ceramics International, 2015, 41, 13614-13623.	2.3	4
47	Impact of in situ physical and chemical cleaning on PVDF membrane properties and performances. Chemical Engineering Science, 2015, 122, 426-435.	1.9	103
48	Processing and analysis of chitosan nanocomposites reinforced with chitin whiskers and tannic acid as a crosslinker. Carbohydrate Polymers, 2015, 115, 379-387.	5.1	153
49	Thermal and dynamic mechanical properties of grafted kenaf filled poly (vinyl chloride)/ethylene vinyl acetate composites. Materials & Design, 2015, 65, 204-211.	5.1	62
50	Mechanical and Thermal Properties of Chemical Treated Oil Palm Empty Fruit Bunches Fiber Reinforced Polyvinyl Alcohol Composite. Journal of Biobased Materials and Bioenergy, 2015, 9, 231-235.	0.1	19
51	Effect of Preparation Conditions on Cellulose from Oil Palm Empty Fruit Bunch Fiber. BioResources, 2014, 9, 6373-6385.	0.5	64
52	Modification of Bitumen Characteristic by Using Recycled Polyethylene. Molecular Crystals and Liquid Crystals, 2014, 604, 33-40.	0.4	15
53	Structural and optical properties of ZnO thin films obtained by spray pyrolysis. Materials Research Innovations, 2014, 18, S6-126-S6-130.	1.0	5
54	Effect of bleaching condition on thermal properties and UV transmittance of PVA/cellulose biocomposites. Materials Research Innovations, 2014, 18, S6-400-S6-404.	1.0	18

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55	Water absorption properties of kenaf fibre/poly(vinyl alcohol) composites. <i>Materials Research Innovations</i> , 2014, 18, S6-144-S6-146.	1.0	10
56	Preparation and characterisation of polyvinyl alcohol/oil palm empty fruit bunch fibre composite. <i>Materials Research Innovations</i> , 2014, 18, S6-364-S6-367.	1.0	6
57	Optical and structural characterization of solution processed zinc oxide nanorods via hydrothermal method. <i>Ceramics International</i> , 2014, 40, 9997-10004.	2.3	25
58	Effect of methyl methacrylate grafted kenaf on mechanical properties of polyvinyl chloride/ethylene vinyl acetate composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2014, 63, 45-50.	3.8	34
59	Magnetic nanoparticles in MgB ₂ . <i>Physica C: Superconductivity and Its Applications</i> , 2014, 498, 30-37.	0.6	5
60	Preparation and characterization of copper/copper coated silicon carbide composites. <i>International Journal of Precision Engineering and Manufacturing</i> , 2014, 15, 1215-1221.	1.1	12
61	Effect of polyurethane/nanosilica composite coating on water resistance of paper substrate. <i>Materials Research Innovations</i> , 2014, 18, S6-368-S6-371.	1.0	5
62	Preparation and Characterization of Nanoparticle Reinforced Polyactides Composite. <i>Journal of Nano Research</i> , 2013, 23, 7-15.	0.8	2
63	On the Scaling Law of the Pinning Force in MgB ₂ Superconducting Composites with Magnetic Nano-inclusions. <i>Journal of Superconductivity and Novel Magnetism</i> , 2013, 26, 125-131.	0.8	6
64	Influence of Annealing on Properties of Spray Deposited ZnO Thin Films. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-8.	1.5	32
65	Effect of Nanosilica Filled Polyurethane Composite Coating on Polypropylene Substrate. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-8.	1.5	28
66	Effect of tritiation on the superconducting properties of MgB ₂ . <i>Superconductor Science and Technology</i> , 2013, 26, 045014.	1.8	5
67	Effect of Nanosilica and Titania on Thermal Stability of Polypropylene/Oil Palm Empty Fruit Fibre Composite. <i>Journal of Biobased Materials and Bioenergy</i> , 2013, 7, 169-174.	0.1	21
68	Characterization of Mechanical Properties: Low-Density Polyethylene Nanocomposite Using Nanoalumina Particle as Filler. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-6.	1.5	43
69	Weathering Effect on Virgin Polyethylene and Polyethylene Coated with Polyamide/Nanosilica Composite Coating. <i>Journal of Computational and Theoretical Nanoscience</i> , 2012, 9, 1161-1164.	0.4	7
70	Effect of polyurethane/nanosilica composite coating on thermomechanical properties of polyethylene film. <i>Materials Technology</i> , 2012, 27, 113-115.	1.5	25
71	Finite element simulation of mixed convection heat and mass transfer in a right triangular enclosure. <i>International Communications in Heat and Mass Transfer</i> , 2012, 39, 689-696.	2.9	35
72	Green production of energetic Jatropha oil from de-shelled Jatropha curcas L. seeds using supercritical carbon dioxide extraction. <i>Journal of Supercritical Fluids</i> , 2012, 66, 137-143.	1.6	24

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73	Influence of Nanosilica/Polyurethane Composite Coating on IR Effectiveness and Visible Light Transmission Properties of Polyethylene. <i>Advanced Materials Research</i> , 2010, 97-101, 1669-1672.	0.3	7
74	INFLUENCE OF NANO-SIO ₂ /POLYAMIDE COMPOSITES COATING ON THERMIC EFFECT AND OPTICAL PROPERTIES OF POLYETHYLENE FILM. <i>International Journal of Modern Physics B</i> , 2009, 23, 1395-1400.	1.0	11
75	Mechanical and Morphological Properties of PP/LLPDE/NR Blendsâ€™Effects of Polyoctenamer. <i>Polymer-Plastics Technology and Engineering</i> , 2005, 44, 1245-1256.	1.9	12
76	Mechanical and morphological properties of PP/NR/LLDPE ternary blendâ€™effect of HVA-2. <i>Polymer Testing</i> , 2003, 22, 281-290.	2.3	74
77	Weathering Effect on PE Coated with Thin Layer of PU/Nanosilica Composite. <i>Advanced Materials Research</i> , 0, 181-182, 697-701.	0.3	8
78	Preparation and Characterization of Nano Particle Reinforced Polyactides Composite. <i>Journal of Nano Research</i> , 0, 25, 128-136.	0.8	6
79	Influence of Solution Temperature for Hydrothermally Grown Zinc Oxide Nanorods. <i>Advanced Materials Research</i> , 0, 925, 385-389.	0.3	0