

Chien-Lin Huang

List of Publications by Year in descending order

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42
papers

796
citations

516710

16
h-index

526287

27
g-index

42
all docs

42
docs citations

42
times ranked

1235
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and Compatibility Evaluation of Polypropylene/High Density Polyethylene Polyblends. <i>Materials</i> , 2015, 8, 8850-8859.	2.9	104
2	Polypropylene/Graphene and Polypropylene/Carbon Fiber Conductive Composites: Mechanical, Crystallization and Electromagnetic Properties. <i>Applied Sciences (Switzerland)</i> , 2015, 5, 1196-1210.	2.5	78
3	Microstructure and characterization of electrospun poly(vinyl alcohol) nanofiber scaffolds filled with graphene nanosheets. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	61
4	Rheological and conductive percolation laws for syndiotactic polystyrene composites filled with carbon nanocapsules and carbon nanotubes. <i>Carbon</i> , 2011, 49, 2334-2344.	10.3	56
5	Polypropylene/Short Glass Fibers Composites: Effects of Coupling Agents on Mechanical Properties, Thermal Behaviors, and Morphology. <i>Materials</i> , 2015, 8, 8279-8291.	2.9	40
6	Improvement in Mechanical Properties and Electromagnetic Interference Shielding Effectiveness of PVA-Based Composites: Synergistic Effect Between Graphene Nano-Sheets and Multi-Walled Carbon Nanotubes. <i>Macromolecular Materials and Engineering</i> , 2016, 301, 199-211.	3.6	36
7	Protective rigid fiber-reinforced polyurethane foam composite boards: Sound absorption, drop-weight impact and mechanical properties. <i>Fibers and Polymers</i> , 2016, 17, 2116-2123.	2.1	26
8	Crystallization, mechanical, and electromagnetic properties of conductive polypropylene/SEBS composites. <i>Journal of Polymer Research</i> , 2016, 23, 1.	2.4	25
9	The effect of geometric factor of carbon nanofillers on the electrical conductivity and electromagnetic interference shielding properties of poly(trimethylene terephthalate) composites: a comparative study. <i>Journal of Materials Science</i> , 2017, 52, 2560-2580.	3.7	25
10	Polymorphism and transcrystallization of syndiotactic polystyrene composites filled with carbon nanotubes. <i>European Polymer Journal</i> , 2011, 47, 2087-2096.	5.4	24
11	Thermoplastic polyvinyl alcohol/multiwalled carbon nanotube composites: Preparation, mechanical properties, thermal properties, and electromagnetic shielding effectiveness. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	20
12	Rheological aspect on electrospinning of polyamide 6 solutions. <i>European Polymer Journal</i> , 2013, 49, 3619-3629.	5.4	19
13	Antimicrobial Activity of Electrospun Polyvinyl Alcohol Nanofibers Filled with Poly[2-(tert-butylaminoethyl) Methacrylate]-Grafted Graphene Oxide Nanosheets. <i>Polymers</i> , 2020, 12, 1449.	4.5	19
14	Sound absorbent, flame retardant warp knitting spacer fabrics: Manufacturing techniques and characterization evaluations. <i>Fibers and Polymers</i> , 2015, 16, 2682-2688.	2.1	18
15	Poly(lactic acid)/carbon fiber composites: Effects of functionalized elastomers on mechanical properties, thermal behavior, surface compatibility, and electrical characteristics. <i>Fibers and Polymers</i> , 2016, 17, 615-623.	2.1	18
16	Far-infrared emissive polypropylene/wood flour wood plastic composites: Manufacturing technique and property evaluations. <i>Journal of Composite Materials</i> , 2016, 50, 2099-2109.	2.4	17
17	Electrospun Graphene Nanosheet-Filled Poly(Trimethylene Terephthalate) Composite Fibers: Effects of the Graphene Nanosheet Content on Morphologies, Electrical Conductivity, Crystallization Behavior, and Mechanical Properties. <i>Polymers</i> , 2019, 11, 164.	4.5	16
18	Electrical percolation and crystallization kinetics of semi-crystalline polystyrene composites filled with graphene nanosheets. <i>Materials Chemistry and Physics</i> , 2015, 164, 206-213.	4.0	15

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19	The effects of MWCNT length on the mechanical, crystallization and electromagnetic interference shielding effectiveness of PP/MWCNT composites. <i>Journal of Polymer Research</i> , 2017, 24, 1.	2.4	14
20	Effects of needle punching and hot pressing on mechanical properties of composite geotextiles. <i>Journal of Industrial Textiles</i> , 2017, 47, 522-534.	2.4	13
21	Electromagnetically shielding composite made from carbon fibers, glass fibers, and impact-resistant polypropylene. <i>Journal of Thermoplastic Composite Materials</i> , 2014, 27, 1451-1460.	4.2	12
22	Fabrication of poly(vinyl alcohol) nanofibers by wire electrode-incorporated electrospinning. <i>Fibers and Polymers</i> , 2016, 17, 1217-1226.	2.1	12
23	Recovery evaluation of rats' damaged tibias: Implantation of core-shell structured bone scaffolds made using hollow braids and a freeze-thawing process. <i>Materials Science and Engineering C</i> , 2017, 79, 481-490.	7.3	12
24	Poly(lactic acid)/carbon fiber composites: Effects of poly(lactic acid)-g-maleic anhydride on mechanical properties, thermal behavior, surface compatibility, and electrical characteristics. <i>Journal of Composite Materials</i> , 2018, 52, 405-416.	2.4	11
25	Needle-Bonded Electromagnetic Shielding Thermally Insulating Nonwoven Composite Boards: Property Evaluations. <i>Applied Sciences (Switzerland)</i> , 2016, 6, 303.	2.5	10
26	Effects of Perforation on Rigid PU Foam Plates: Acoustic and Mechanical Properties. <i>Materials</i> , 2016, 9, 1000.	2.9	10
27	Microstructure and Biological Properties of Electrospun In Situ Polymerization of Polycaprolactone-Graft-Polyacrylic Acid Nanofibers and Its Composite Nanofiber Dressings. <i>Polymers</i> , 2021, 13, 4246.	4.5	10
28	Manufacturing technique and mechanical properties of plastic nanocomposite. <i>Composites Part B: Engineering</i> , 2013, 44, 34-39.	12.0	8
29	Study of electrospun polyacrylonitrile fibers with porous and ultrafine nanofibril structures: Effect of stabilization treatment on the resulting carbonized structure. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48218.	2.6	8
30	Thermal cycling effect of dicalcium phosphate-reinforced composites on auto-mineralized dental resin. <i>Materials Science and Engineering C</i> , 2014, 45, 359-368.	7.3	7
31	Effect of Different Manufacturing Methods on the Conflict between Porosity and Mechanical Properties of Spiral and Porous Polyethylene Terephthalate/Sodium Alginate Bone Scaffolds. <i>Materials</i> , 2015, 8, 8768-8779.	2.9	7
32	Extended PTFE fabrics used as high-temperature filter clothes: manufacturing technique and chemical stability evaluation. <i>Journal of the Textile Institute</i> , 2015, 106, 793-799.	1.9	6
33	Morphological features and crystallization behavior of the conductive composites of poly(trimethylene terephthalate)/graphene nanosheets. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	6
34	Composite processing and property evaluation of far-infrared/electromagnetic shielding bamboo charcoal/phase change material/stainless steel elastic composite fabrics. <i>Journal of Polymer Engineering</i> , 2016, 36, 211-220.	1.4	6
35	Thermoplastic polyurethanes/polyester/polypropylene composites: Effect of thermoplastic polyurethanes honeycomb structure on acoustic-absorbing and cushioning property. <i>Journal of Industrial Textiles</i> , 2016, 46, 578-595.	2.4	6
36	Structural variations and morphological features of polyethylene/carbon black conductive composites after processing in an internal mixer. <i>Journal of Applied Polymer Science</i> , 2013, 130, 1038-1046.	2.6	5

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37	PP/MWCNTs composites: Effects of length of MWCNTs on isothermal crystallization behaviors, crystalline structure, and thermal stability. <i>Journal of Composite Materials</i> , 2018, 52, 503-517.	2.4	5
38	Impact properties of flexible composites made of nylon/high-resilience non-woven fabric with an inter/intra-ply hybrid structure. <i>Journal of Reinforced Plastics and Composites</i> , 2016, 35, 320-333.	3.1	3
39	A comparison of the heat treatment duration and the multilayered effects on the poly(lactic) acid braid reinforced calcium phosphate cements used as bone tissue engineering scaffold. <i>Journal of Industrial Textiles</i> , 2017, 46, 1668-1683.	2.4	3
40	Sound-Absorbing and Flame-Retarding Property of Nonwoven Compounded PU foam Planks. <i>Journal of Engineered Fibers and Fabrics</i> , 2015, 10, 155892501501000.	1.0	2
41	Poly(lactic) acid tubular knits used as vascular grafts: Mechanical property evaluation. <i>Fibers and Polymers</i> , 2015, 16, 2593-2600.	2.1	2
42	High strength polyester/polypropylene geogrids: manufacturing techniques and application evaluations. <i>Journal of the Textile Institute</i> , 2017, 108, 735-742.	1.9	1