Chien-Lin Huang

List of Publications by Year
in descending order

42	796	516710 16	526287 27
papers	citations	h-index	g-index

42	42	42	1235
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microstructure and Biological Properties of Electrospun In Situ Polymerization of Polycaprolactone-Graft-Polyacrylic Acid Nanofibers and Its Composite Nanofiber Dressings. Polymers, 2021, 13, 4246.	4.5	10
2	Antimicrobial Activity of Electrospun Polyvinyl Alcohol Nanofibers Filled with Poly[2-(tert-butylaminoethyl) Methacrylate]-Grafted Graphene Oxide Nanosheets. Polymers, 2020, 12, 1449.	4.5	19
3	Study of electrospun polyacrylonitrile fibers with porous and ultrafine nanofibril structures: Effect of stabilization treatment on the resulting carbonized structure. Journal of Applied Polymer Science, 2019, 136, 48218.	2.6	8
4	Electrospun Graphene Nanosheet-Filled Poly(Trimethylene Terephthalate) Composite Fibers: Effects of the Graphene Nanosheet Content on Morphologies, Electrical Conductivity, Crystallization Behavior, and Mechanical Properties. Polymers, 2019, 11, 164.	4.5	16
5	Polylactic acid/carbon fiber composites: Effects of polylactic acid-g-maleic anhydride on mechanical properties, thermal behavior, surface compatibility, and electrical characteristics. Journal of Composite Materials, 2018, 52, 405-416.	2.4	11
6	PP/MWCNTs composites: Effects of length of MWCNTs on isothermal crystallization behaviors, crystalline structure, and thermal stability. Journal of Composite Materials, 2018, 52, 503-517.	2.4	5
7	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. Journal of Industrial Textiles, 2017, 46, 1668-1683.	2.4	3
8	High strength polyester/polypropylene geogrids: manufacturing techniques and application evaluations. Journal of the Textile Institute, 2017, 108, 735-742.	1.9	1
9	The effects of MWCNT length on the mechanical, crystallization and electromagnetic interference shielding effectiveness of PP/MWCNT composites. Journal of Polymer Research, 2017, 24, 1.	2.4	14
10	Recovery evaluation of rats' damaged tibias: Implantation of core-shell structured bone scaffolds made using hollow braids and a freeze-thawing process. Materials Science and Engineering C, 2017, 79, 481-490.	7.3	12
11	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. Journal of Materials Science, 2017, 52, 2560-2580.	3.7	25
12	Effects of needle punching and hot pressing on mechanical properties of composite geotextiles. Journal of Industrial Textiles, 2017, 47, 522-534.	2.4	13
13	Needle-Bonded Electromagnetic Shielding Thermally Insulating Nonwoven Composite Boards: Property Evaluations. Applied Sciences (Switzerland), 2016, 6, 303.	2.5	10
14	Effects of Perforation on Rigid PU Foam Plates: Acoustic and Mechanical Properties. Materials, 2016, 9, 1000.	2.9	10
15	Improvement in Mechanical Properties and Electromagnetic Interference Shielding Effectiveness of PVAâ€Based Composites: Synergistic Effect Between Graphene Nanoâ€Sheets and Multiâ€Walled Carbon Nanotubes. Macromolecular Materials and Engineering, 2016, 301, 199-211.	3.6	36
16	Thermoplastic polyvinyl alcohol/multiwalled carbon nanotube composites: Preparation, mechanical properties, thermal properties, and electromagnetic shielding effectiveness. Journal of Applied Polymer Science, 2016, 133, .	2.6	20
17	Morphological features and crystallization behavior of the conductive composites of poly(trimethylene terephthalate)/graphene nanosheets. Journal of Applied Polymer Science, 2016, 133, .	2.6	6
18	Protective rigid fiber-reinforced polyurethane foam composite boards: Sound absorption, drop-weight impact and mechanical properties. Fibers and Polymers, 2016, 17, 2116-2123.	2.1	26

#	Article	IF	Citations
19	Crystallization, mechanical, and electromagnetic properties of conductive polypropylene/SEBS composites. Journal of Polymer Research, 2016, 23, 1.	2.4	25
20	Polylactic acid/carbon fiber composites: Effects of functionalized elastomers on mechanical properties, thermal behavior, surface compatibility, and electrical characteristics. Fibers and Polymers, 2016, 17, 615-623.	2.1	18
21	Fabrication of poly(vinyl alcohol) nanofibers by wire electrode-incorporated electrospinning. Fibers and Polymers, 2016, 17, 1217-1226.	2.1	12
22	Composite processing and property evaluation of far-infrared/electromagnetic shielding bamboo charcoal/phase change material/stainless steel elastic composite fabrics. Journal of Polymer Engineering, 2016, 36, 211-220.	1.4	6
23	Impact properties of flexible composites made of nylon/high-resilience non-woven fabric with an inter/intra-ply hybrid structure. Journal of Reinforced Plastics and Composites, 2016, 35, 320-333.	3.1	3
24	Far-infrared emissive polypropylene/wood flour wood plastic composites: Manufacturing technique and property evaluations. Journal of Composite Materials, 2016, 50, 2099-2109.	2.4	17
25	Thermoplastic polyurethanes/polyester/polypropylene composites: Effect of thermoplastic polyurethanes honeycomb structure on acoustic-absorbing and cushioning property. Journal of Industrial Textiles, 2016, 46, 578-595.	2.4	6
26	Sound absorbent, flame retardant warp knitting spacer fabrics: Manufacturing techniques and characterization evaluations. Fibers and Polymers, 2015, 16, 2682-2688.	2.1	18
27	Preparation and Compatibility Evaluation of Polypropylene/High Density Polyethylene Polyblends. Materials, 2015, 8, 8850-8859.	2.9	104
28	Polypropylene/Short Glass Fibers Composites: Effects of Coupling Agents on Mechanical Properties, Thermal Behaviors, and Morphology. Materials, 2015, 8, 8279-8291.	2.9	40
29	Effect of Different Manufacturing Methods on the Conflict between Porosity and Mechanical Properties of Spiral and Porous Polyethylene Terephthalate/Sodium Alginate Bone Scaffolds. Materials, 2015, 8, 8768-8779.	2.9	7
30	Polypropylene/Graphene and Polypropylene/Carbon Fiber Conductive Composites: Mechanical, Crystallization and Electromagnetic Properties. Applied Sciences (Switzerland), 2015, 5, 1196-1210.	2.5	78
31	Sound-Absorbing and Flame-Retarding Property of Nonwoven Compounded PU foam Planks. Journal of Engineered Fibers and Fabrics, 2015, 10, 155892501501000.	1.0	2
32	Polylactic acid tubular knits used as vascular grafts: Mechanical property evaluation. Fibers and Polymers, 2015, 16, 2593-2600.	2.1	2
33	Microstructure and characterization of electrospun poly(vinyl alcohol) nanofiber scaffolds filled with graphene nanosheets. Journal of Applied Polymer Science, 2015, 132, .	2.6	61
34	Electrical percolation and crystallization kinetics of semi-crystalline polystyrene composites filled with graphene nanosheets. Materials Chemistry and Physics, 2015, 164, 206-213.	4.0	15
35	Extended PTFE fabrics used as high-temperature filter clothes: manufacturing technique and chemical stability evaluation. Journal of the Textile Institute, 2015, 106, 793-799.	1.9	6
36	Electromagnetically shielding composite made from carbon fibers, glass fibers, and impact-resistant polypropylene. Journal of Thermoplastic Composite Materials, 2014, 27, 1451-1460.	4.2	12

#	Article	IF	Citations
37	Thermal cycling effect of dicalcium phosphate-reinforced composites on auto-mineralized dental resin. Materials Science and Engineering C, 2014, 45, 359-368.	7.3	7
38	Rheological aspect on electrospinning of polyamide 6 solutions. European Polymer Journal, 2013, 49, 3619-3629.	5.4	19
39	Manufacturing technique and mechanical properties of plastic nanocomposite. Composites Part B: Engineering, 2013, 44, 34-39.	12.0	8
40	Structural variations and morphological features of polyethylene/carbon black conductive composites after processing in an internal mixer. Journal of Applied Polymer Science, 2013, 130, 1038-1046.	2.6	5
41	Polymorphism and transcrystallization of syndiotactic polystyrene composites filled with carbon nanotubes. European Polymer Journal, 2011, 47, 2087-2096.	5.4	24
42	Rheological and conductive percolation laws for syndiotactic polystyrene composites filled with carbon nanocapsules and carbon nanotubes. Carbon, 2011, 49, 2334-2344.	10.3	56