

Chi Pong Tsui

List of Publications by Year in descending order

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33
papers

1,170
citations

331538

21
h-index

395590

33
g-index

35
all docs

35
docs citations

35
times ranked

1838
citing authors

#	ARTICLE	IF	CITATIONS
1	Super-hydrophobic polyaniline-TiO ₂ hierarchical nanocomposite as anticorrosion coating. <i>Materials Letters</i> , 2020, 258, 126822.	1.3	46
2	Fabrication, morphology and thermal properties of octadecylamine-grafted graphene oxide-modified phase-change microcapsules for thermal energy storage. <i>Composites Part B: Engineering</i> , 2019, 157, 239-247.	5.9	86
3	In-situ growth of polypyrrole onto bamboo cellulose-derived compressible carbon aerogels for high performance supercapacitors. <i>Electrochimica Acta</i> , 2019, 301, 55-62.	2.6	71
4	Scalable sonochemical synthesis of petal-like MnO ₂ /graphene hierarchical composites for high-performance supercapacitors. <i>Composites Part B: Engineering</i> , 2019, 161, 37-43.	5.9	58
5	Optimization strategy for encapsulation efficiency and size of drug loaded silica xerogel/polymer core-shell composite nanoparticles prepared by gelation-emulsion method. <i>Polymer Engineering and Science</i> , 2018, 58, 742-751.	1.5	7
6	Thermal properties and thermal stability of polypropylene composites filled with graphene nanoplatelets. <i>Journal of Thermoplastic Composite Materials</i> , 2018, 31, 246-264.	2.6	26
7	Compatibilization of poly(lactic acid)/high impact polystyrene interface using copolymer poly(styrene-co-methyl acrylate). <i>Journal of Applied Polymer Science</i> , 2018, 135, 45799.	1.3	6
8	Controllable energy absorption of double sided corrugated tubes under axial crushing. <i>Composites Part B: Engineering</i> , 2018, 134, 9-17.	5.9	33
9	Bagasse Cellulose Grafted with an Amino-Terminated Hyperbranched Polymer for the Removal of Cr(VI) from Aqueous Solution. <i>Polymers</i> , 2018, 10, 931.	2.0	22
10	Effects of Compositional Tailoring on Drug Delivery Behaviours of Silica Xerogel/Polymer Core-shell Composite Nanoparticles. <i>Scientific Reports</i> , 2018, 8, 13002.	1.6	35
11	Melt extrudate swell behavior of multi-walled carbon nanotubes filled polypropylene composites. <i>Polymer Composites</i> , 2017, 38, 2433-2439.	2.3	8
12	Ultrasonic atomization based fabrication of bio-inspired micro-nano-binary particles for superhydrophobic composite coatings with lotus/petal effect. <i>Composites Part B: Engineering</i> , 2017, 121, 92-98.	5.9	26
13	Surface charge switchable and pH-responsive chitosan/polymer core-shell composite nanoparticles for drug delivery application. <i>Composites Part B: Engineering</i> , 2017, 121, 83-91.	5.9	34
14	Hyper-elastic modeling and mechanical behavior investigation of porous poly-D-L-lactide/nano-hydroxyapatite scaffold material. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 71, 262-270.	1.5	4
15	Active stiffening of F-actin network dominated by structural transition of actin filaments into bundles. <i>Composites Part B: Engineering</i> , 2017, 116, 377-381.	5.9	8
16	Fabrication and process investigation of vancomycin loaded silica xerogel/polymer core-shell composite nanoparticles for drug delivery. <i>Composites Part B: Engineering</i> , 2016, 95, 272-281.	5.9	20
17	Poly(ionic liquid)-assisted reduction of graphene oxide to achieve high-performance composite electrodes. <i>Composites Part B: Engineering</i> , 2016, 106, 81-87.	5.9	42
18	Investigating the crystallization behavior of poly(lactic acid) using CdSe/ZnS quantum dots as heterogeneous nucleating agents. <i>Composites Part B: Engineering</i> , 2016, 91, 103-110.	5.9	38

#	ARTICLE	IF	CITATIONS
19	Thermal properties and thermal stability of PP/MWCNT composites. <i>Composites Part B: Engineering</i> , 2016, 90, 107-114.	5.9	46
20	Melt extrudate swell behavior of graphene nano-platelets filled-polypropylene composites. <i>Polymer Testing</i> , 2015, 45, 179-184.	2.3	12
21	Thermal decomposition kinetics of polypropylene composites filled with graphene nanoplatelets. <i>Polymer Testing</i> , 2015, 48, 97-103.	2.3	25
22	Bioactive hydroxyapatite/graphene composite coating and its corrosion stability in simulated body fluid. <i>Journal of Alloys and Compounds</i> , 2015, 624, 148-157.	2.8	167
23	Low-temperature baroplastic processing of graphene-based polymer composites by pressure-induced flow. <i>IOP Conference Series: Materials Science and Engineering</i> , 2014, 62, 012023.	0.3	0
24	Judicious selection of bifunctional molecules to chemically modify graphene for improving nanomechanical and thermal properties of polymer composites. <i>Journal of Materials Chemistry A</i> , 2014, 2, 20038-20047.	5.2	33
25	Microwave sintering and characterization of polypropylene/multi-walled carbon nanotube/hydroxyapatite composites. <i>Composites Part B: Engineering</i> , 2014, 56, 504-511.	5.9	33
26	Characterization of poly(vinyl alcohol) (PVA)/ZnO nanocomposites prepared by a one-pot method. <i>Composites Part B: Engineering</i> , 2014, 60, 144-149.	5.9	84
27	Preparation, optical and thermal properties of CdSe/ZnS/poly(lactic acid) (PLA) nanocomposites. <i>Composites Part B: Engineering</i> , 2014, 66, 494-499.	5.9	38
28	In vitro and in vivo performance of bioactive Ti6Al4V/TiC/HA implants fabricated by a rapid microwave sintering technique. <i>Materials Science and Engineering C</i> , 2014, 42, 746-756.	3.8	42
29	In vitro degradation of porous poly(lactic acid)/quantum dots scaffolds. <i>Composites Part B: Engineering</i> , 2013, 55, 234-239.	5.9	12
30	Mechanical properties and in vitro evaluation of bioactivity and degradation of dexamethasone-releasing poly-d-l-lactide/nano-hydroxyapatite composite scaffolds. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2013, 22, 41-50.	1.5	19
31	The formation of β -polypropylene crystals in a compatibilized blend of isotactic polypropylene and polyamide-6. <i>Polymer Engineering and Science</i> , 2011, 51, 403-410.	1.5	11
32	Functionalization of carbon nanotubes with biodegradable supramolecular polypseudorotaxanes from grafted-poly(μ -caprolactone) and β -cyclodextrins. <i>European Polymer Journal</i> , 2010, 46, 145-155.	2.6	31
33	Fabrication and characterization of needle-like nano-HA and HA/MWNT composites. <i>Journal of Materials Science: Materials in Medicine</i> , 2008, 19, 75-81.	1.7	45