Xianming Dong

List of Publications by Year in descending order

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29	739	471509 17	526287 27
papers	citations	h-index	g-index

29	29	29	996
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mechanical and thermal properties of bamboo fiber reinforced polypropylene/polylactic acid composites for 3D printing. Polymer Engineering and Science, 2019, 59, E247.	3.1	79
2	Facile preparation of bioactive nanoparticle/poly(Îµ-caprolactone) hierarchical porous scaffolds via 3D printing of high internal phase Pickering emulsions. Journal of Colloid and Interface Science, 2019, 545, 104-115.	9.4	76
3	Zirconia toughened hydroxyapatite biocomposite formed by a DLP 3D printing process for potential bone tissue engineering. Materials Science and Engineering C, 2019, 105, 110054.	7.3	66
4	Electrospray biodegradable microcapsules loaded with curcumin for drug delivery systems with high bioactivity. RSC Advances, 2017, 7, 1724-1734.	3.6	61
5	Bioactive and Biocompatible Macroporous Scaffolds with Tunable Performances Prepared Based on 3D Printing of the Preâ€Crosslinked Sodium Alginate/Hydroxyapatite Hydrogel Ink. Macromolecular Materials and Engineering, 2019, 304, 1800698.	3.6	48
6	Effect of polyethylene glycol on mechanical properties of bamboo fiberâ€reinforced polylactic acid composites. Journal of Applied Polymer Science, 2019, 136, 47709.	2.6	44
7	Cinnamon oil-loaded composite emulsion hydrogels with antibacterial activity prepared using concentrated emulsion templates. Industrial Crops and Products, 2018, 112, 281-289.	5.2	32
8	Mild synthesis of superadhesive hydrogel electrolyte with low interfacial resistance and enhanced ionic conductivity for flexible zinc ion battery. Journal of Colloid and Interface Science, 2021, 600, 586-593.	9.4	32
9	Micrometer Copper-Zinc Alloy Particles-Reinforced Wood Plastic Composites with High Gloss and Antibacterial Properties for 3D Printing. Polymers, 2020, 12, 621.	4.5	27
10	Biocompatible heterogeneous bone incorporated with polymeric biocomposites for human bone repair by <scp>3D</scp> printing technology. Journal of Applied Polymer Science, 2021, 138, 50114.	2.6	27
11	Novel functional mesoporous silica nanoparticles loaded with Vitamin E acetate as smart platforms for pH responsive delivery with high bioactivity. Journal of Colloid and Interface Science, 2017, 508, 184-195.	9.4	25
12	Photoâ€oxidation and biodegradation of polyethylene films containing polyethylene glycol modified TiO₂ as proâ€oxidant additives. Polymer Composites, 2018, 39, E531.	4.6	22
13	Mechanical and biodegradation properties of bamboo fiberâ€reinforced starch/polypropylene biodegradable composites. Journal of Applied Polymer Science, 2020, 137, 48694.	2.6	21
14	Electrospun Sandwichâ€Structure Composite Membranes for Wound Dressing Scaffolds with High Antioxidant and Antibacterial Activity. Macromolecular Materials and Engineering, 2018, 303, 1700270.	3.6	20
15	Design and Synthesis of Free-Radical/Cationic Photosensitive Resin Applied for 3D Printer with Liquid Crystal Display (LCD) Irradiation. Polymers, 2020, 12, 1346.	4.5	20
16	Sodium alginate/collagen composite multiscale porous scaffolds containing poly(Îµ-caprolactone) microspheres fabricated based on additive manufacturing technology. RSC Advances, 2020, 10, 39241-39250.	3.6	19
17	Facile preparation of biocompatible poly(l-lactic acid)-modified halloysite nanotubes/poly(Îµ-caprolactone) porous scaffolds by solvent evaporation of Pickering emulsion templates. Journal of Materials Science, 2018, 53, 14774-14788.	3.7	18
18	Phosphor powdersâ€incorporated polylactic acid polymeric composite used as 3D printing filaments with green luminescence properties. Journal of Applied Polymer Science, 2020, 137, 48644.	2.6	14

#	Article	IF	Citations
19	Fabrication and Application of Photocatalytic Composites and Water Treatment Facility Based on 3D Printing Technology. Polymers, 2021, 13, 2196.	4.5	14
20	Polyaniline modified mesoporous titanium dioxide that enhances oxoâ€biodegradation of polyethylene films for agricultural plastic mulch application. Polymer International, 2019, 68, 1332-1340.	3.1	12
21	Enhancing the performance of polylactic acid composites through self-assembly lignin nanospheres for fused deposition modeling. Composites Part B: Engineering, 2022, 239, 109968.	12.0	12
22	Preparation and mechanism of freeâ€radical/cationic hybrid photosensitive resin with high tensile strength for threeâ€dimensional printing applications. Journal of Applied Polymer Science, 2021, 138, 49881.	2.6	11
23	<scp>Sr₂MgSi₂O₇</scp>:Eu²⁺, Dy³⁺ phosphorâ€reinforced wood plastic composites with photoluminescence properties for <scp>3D</scp> printing. Polymer Composites, 2021, 42, 3125-3136.	4.6	9
24	Novel AIE luminescent tetraphenylethene-doped poly (lactic acid) composites for fused deposition modeling and their application in fluorescent analysis of 3D printed products. Composites Part B: Engineering, 2021, 219, 108898.	12.0	9
25	Enhanced photocatalytic oxidation and biodegradation of polyethylene films with PMMA grafted TiO₂ as proâ€oxidant additives for plastic mulch application. Polymer Composites, 2018, 39, 3409-3417.	4.6	7
26	Water soluble photocurable carboxymethyl celluloseâ€based bioactive hydrogels for digital light processing. Journal of Applied Polymer Science, 2022, 139, .	2.6	5
27	Novel lignin microspheres reinforced poly (lactic acid) composites for fused deposition modeling. Polymer Composites, 2022, 43, 6817-6828.	4.6	5
28	Rational design of hollow mesoporous titania nanoparticles loaded with curcumin for UV-controlled release and targeted drug delivery. Nanotechnology, 2021, 32, 205604.	2.6	3
29	Synergistic Enhancement of Photocatalytic Performance of Mesoporous TiO 2 enabled by Tunable Crystal Phase and Hybridization with Graphene Oxide. ChemistrySelect, 2021, 6, 5791-5800.	1.5	1