Yao-Yao Yang

List of Publications by Year
in descending order

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28 papers	1,904 citations	279798 23 h-index	501196 28 g-index
28 all docs	28 docs citations	28 times ranked	1683 citing authors

#	Article	IF	Citations
1	Electrospun Janus nanofibers loaded with a drug and inorganic nanoparticles as an effective antibacterial wound dressing. Materials Science and Engineering C, 2020, 111, 110805.	7.3	202
2	Electrosprayed hydrophilic nanocomposites coated with shellac for colon-specific delayed drug delivery. Materials and Design, 2018, 143, 248-255.	7.0	142
3	Tunable drug release from nanofibers coated with blank cellulose acetate layers fabricated using tri-axial electrospinning. Carbohydrate Polymers, 2019, 203, 228-237.	10.2	126
4	Tunable zero-order drug delivery systems created by modified triaxial electrospinning. Chemical Engineering Journal, 2019, 356, 886-894.	12.7	117
5	Electrospun Hydrophilic Janus Nanocomposites for the Rapid Onset of Therapeutic Action of Helicid. ACS Applied Materials & Interfaces, 2018, 10, 2859-2867.	8.0	112
6	Fast dissolving drug delivery membrane based on the ultra-thin shell of electrospun core-shell nanofibers. European Journal of Pharmaceutical Sciences, 2018, 122, 195-204.	4.0	103
7	Electrospun lipid-coated medicated nanocomposites for an improved drug sustained-release profile. Materials and Design, 2019, 162, 70-79.	7.0	91
8	Electrospun Functional Nanofiber Membrane for Antibiotic Removal in Water: Review. Polymers, 2021, 13, 226.	4.5	89
9	The Relationships between the Working Fluids, Process Characteristics and Products from the Modified Coaxial Electrospinning of Zein. Polymers, 2019, 11, 1287.	4.5	78
10	Electrospun triaxial nanofibers with middle blank cellulose acetate layers for accurate dual-stage drug release. Carbohydrate Polymers, 2020, 243, 116477.	10.2	75
11	Preparing composite nanoparticles for immediate drug release by modifying electrohydrodynamic interfaces during electrospraying. Powder Technology, 2018, 327, 179-187.	4.2	73
12	Modified triâ€“axial electrospun functional coreâ€“shell nanofibrous membranes for natural photodegradation of antibiotics. Chemical Engineering Journal, 2021, 425, 131455.	12.7	73
13	Engineered Spindles of Little Molecules Around Electrospun Nanofibers for Biphasic Drug Release. Advanced Fiber Materials, 2022, 4, 305-317.	16.1	69
14	From Taylor cone to solid nanofiber in tri-axial electrospinning: Size relationships. Results in Physics, 2019, 15, 102770.	4.1	60
15	The key role of straight fluid jet in predicting the drug dissolution from electrospun nanofibers. International Journal of Pharmaceutics, 2019, 569, 118634.	5.2	57
16	Electrospun Environment Remediation Nanofibers Using Unspinnable Liquids as the Sheath Fluids: A Review. Polymers, 2020, 12, 103.	4.5	57
17	Meletin sustained-release gliadin nanoparticles prepared via solvent surface modification on blending electrospraying. Applied Surface Science, 2018, 434, 1040-1047.	6.1	53
18	Colon-specific pulsatile drug release provided by electrospun shellac nanocoating on hydrophilic amorphous composites. International Journal of Nanomedicine, 2018, Volume 13, 2395-2404.	6.7	53

#	Article	IF	Citations
19	Combination of structure-performance and shape-performance relationships for better biphasic release in electrospun Janus fibers. International Journal of Pharmaceutics, 2021, 596, 120203.	5.2	52
20	Multifunctional fabrics finished using electrosprayed hybrid Janus particles containing nanocatalysts. Chemical Engineering Journal, 2021, 411, 128474.	12.7	49
21	Immediate release of helicid from nanoparticles produced by modified coaxial electrospraying. Applied Surface Science, 2019, 473, 148-155.	6.1	45
22	The Processâ€“Propertyâ€“Performance Relationship of Medicated Nanoparticles Prepared by Modified Coaxial Electrospraying. Pharmaceutics, 2019, 11, 226.	4.5	28
23	Electrospun Beads-on-the-String Nanoproducts: Preparation and Drug Delivery Application. Current Drug Delivery, 2023, 20, 1224-1240.	1.6	26
24	Fast Dissolving of Ferulic Acid via Electrospun Ternary Amorphous Composites Produced by a Coaxial Process. Pharmaceutics, 2018, 10, 115.	4.5	25
25	Electrospun Hybrid Films for Fast and Convenient Delivery of Active Herb Extracts. Membranes, 2022, 12, 398.	3.0	25
26	pH-sensitive polymer nanocoating on hydrophilic composites fabricated using modified coaxial electrospraying. Materials Letters, 2018, 227, 93-96.	2.6	19
27	Preparation of AuNPs/GQDs/SiO₂ Composite and Its Catalytic Performance in Oxidation of Veratryl Alcohol. Journal of Nanomaterials, 2017, 2017, 1-8.	2.7	3
28	Solidifying Essential Balm into Electrospun Core-sheath Nanofibers for Prolonged Release. Current Chinese Science, 2021, 1, 122-131.	0.5	2