

Wen Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8393193/publications.pdf>

Version: 2024-02-01

25
papers

774
citations

623188

14
h-index

642321

23
g-index

25
all docs

25
docs citations

25
times ranked

1018
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Fluorescent Properties of Biodegradable Hyperbranched Poly(amido amine)s. <i>Macromolecular Rapid Communications</i> , 2009, 30, 2096-2101.	2.0	119
2	Fluorescent Mannose-Functionalized Hyperbranched Poly(amido amine)s: Synthesis and Interaction with <i>E. coli</i> . <i>Biomacromolecules</i> , 2010, 11, 1840-1846.	2.6	99
3	Developing superhydrophobic rock wool for high-viscosity oil/water separation. <i>Chemical Engineering Journal</i> , 2019, 368, 837-846.	6.6	92
4	Multiple Functional Hyperbranched Poly(amido amine) Nanoparticles: Synthesis and Application in Cell Imaging. <i>Biomacromolecules</i> , 2011, 12, 1523-1531.	2.6	87
5	Non-isothermal crystallization kinetics of polypropylene/silicon nitride nanocomposites. <i>Polymer Testing</i> , 2010, 29, 527-533.	2.3	76
6	Fluorine-free superhydrophobic coatings from polydimethylsiloxane for sustainable chemical engineering: Preparation methods and applications. <i>Chemical Engineering Journal</i> , 2021, 426, 130829.	6.6	50
7	Surface modification of polyamide nanofiber membranes by polyurethane to simultaneously improve their mechanical strength and hydrophobicity for breathable and waterproof applications. <i>Progress in Organic Coatings</i> , 2019, 131, 67-72.	1.9	31
8	A fluorescent, self-healing and pH sensitive hydrogel rapidly fabricated from HPAMAM and oxidized alginate with injectability. <i>RSC Advances</i> , 2016, 6, 34254-34260.	1.7	30
9	Isoconversional analysis of non-isothermal curing process of epoxy resin/epoxide polyhedral oligomeric silsesquioxane composites. <i>Polymer Testing</i> , 2011, 30, 349-355.	2.3	28
10	Non-isothermal crystallization kinetics of recycled PET-Si3N4 nanocomposites. <i>Polymer Testing</i> , 2012, 31, 110-116.	2.3	25
11	High-efficiency self-healing conductive composites from HPAMAM and CNTs. <i>Journal of Materials Chemistry A</i> , 2015, 3, 12154-12158.	5.2	21
12	Multiple Stimuli-Responsive Fluorescent Sensor from Citric Acid and 1-(2-Aminoethyl)piperazine. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 9123-9128.	4.0	20
13	Effect of silicon nitride nanoparticles on the crystallization behavior of polypropylene. <i>Polymer Testing</i> , 2011, 30, 527-533.	2.3	17
14	Nacrelike Nanocomposite Films from Fluorescent Hyperbranched Poly(amido amine)s and Clay Nanosheets. <i>ChemPlusChem</i> , 2014, 79, 211-216.	1.3	14
15	Tough and strong nacre-like composites from hyperbranched poly(amido amine) and clay nanosheets cross-linked by genipin. <i>RSC Advances</i> , 2016, 6, 1415-1421.	1.7	12
16	Robust, antibacterial, and fluorescent hybrid films mimicking nacre. <i>RSC Advances</i> , 2015, 5, 86861-86866.	1.7	9
17	Time evolution of gold nanoparticles in HPC solution after UV irradiation. <i>Materials Letters</i> , 2008, 62, 3106-3109.	1.3	8
18	Mechano-responsive fluorescent hyperbranched poly(amido amine)s. <i>Reactive and Functional Polymers</i> , 2018, 133, 57-65.	2.0	8

#	ARTICLE	IF	CITATIONS
19	Polyurethane electrospun mats strengthened and toughened by physically blended polyhedral oligomeric silsesquioxane. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	7
20	White-light-emitting hybrid film from fluorescent hyperbranched poly(amido amine). <i>Journal of Applied Polymer Science</i> , 2018, 135, 46015.	1.3	6
21	From Waste to Functional Materials: A Multifunctional Electromagnetic Interference Shielding Composite from Waste Rock Wool. <i>ACS Applied Electronic Materials</i> , 2021, 3, 2187-2194.	2.0	6
22	HPAMAM/PMMA composite electrospun film for cobalt ion detection in water environments. <i>Materials Letters</i> , 2021, 299, 130115.	1.3	6
23	Self-healable electromagnetic interference shielding composite films with temperature and strain dual responsiveness. <i>Journal of Polymer Science</i> , 2023, 61, 996-1004.	2.0	3
24	Macromol. Rapid Commun. 24/2009. <i>Macromolecular Rapid Communications</i> , 2009, 30, .	2.0	0
25	Multi-responsive fluorescent polymer microparticles in response to temperature, electricity and hydrogen oxide. <i>Materials Research Express</i> , 2019, 6, 075048.	0.8	0