

Jie Feng

List of Publications by Year in descending order

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45
papers

1,534
citations

331670

21
h-index

302126

39
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all docs

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docs citations

45
times ranked

1672
citing authors

#	ARTICLE	IF	CITATIONS
1	Antifouling and antibacterial zwitterionic hydrogels as soft contact lens against ocular bacterial infections. <i>European Polymer Journal</i> , 2022, 167, 111037.	5.4	19
2	“Anti-Condensation” Aluminum Superhydrophobic Surface by Smaller Nanostructures. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 887902.	4.1	1
3	Highly antifouling, biocompatible and tough double network hydrogel based on carboxybetaine-type zwitterionic polymer and alginate. <i>Carbohydrate Polymers</i> , 2021, 257, 117627.	10.2	40
4	Lignin reinforced, water resistant, and biodegradable cassava starch/PBAT sandwich composite pieces. <i>Journal of Polymer Engineering</i> , 2021, 41, 818-826.	1.4	3
5	Highly antifouling double network hydrogel based on poly(sulfobetaine methacrylate) and sodium alginate with great toughness. <i>Journal of Materials Science and Technology</i> , 2021, 85, 235-244.	10.7	25
6	Optimizing Nonrigid Registration for Scanning Transmission Electron Microscopy Image Series. <i>Microscopy and Microanalysis</i> , 2021, 27, 90-98.	0.4	3
7	Robust fluorine-free superhydrophobic coating on polyester fabrics by spraying commercial adhesive and hydrophobic fumed SiO ₂ nanoparticles. <i>Progress in Organic Coatings</i> , 2020, 138, 105342.	3.9	21
8	Atomic resolution convergent beam electron diffraction analysis using convolutional neural networks. <i>Ultramicroscopy</i> , 2020, 210, 112921.	1.9	26
9	Antisoiling Performance of Lotus Leaf and Other Leaves after Prolonged Outdoor Exposure. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 53394-53402.	8.0	19
10	Highly transparent, self-healing, injectable and self-adhesive chitosan/polyzwitterion-based double network hydrogel for potential 3D printing wearable strain sensor. <i>Materials Science and Engineering C</i> , 2020, 117, 111298.	7.3	69
11	Dihydrazone-based dynamic covalent epoxy networks with high creep resistance, controlled degradability, and intrinsic antibacterial properties from bioresources. <i>Journal of Materials Chemistry A</i> , 2020, 8, 11261-11274.	10.3	72
12	Robust, infrared-reflective, superhydrophobic and breathable coatings on polyester fabrics. <i>Progress in Organic Coatings</i> , 2020, 147, 105786.	3.9	7
13	Highly stretchable and self-healing double network hydrogel based on polysaccharide and polyzwitterion for wearable electric skin. <i>Polymer</i> , 2020, 194, 122381.	3.8	29
14	Robust icephobic epoxy coating using maleic anhydride as a crosslinking agent. <i>Progress in Organic Coatings</i> , 2020, 142, 105561.	3.9	8
15	Stability, Cellular Uptake, and <i>in Vivo</i> Tracking of Zwitterion Modified Graphene Oxide as a Drug Carrier. <i>Langmuir</i> , 2019, 35, 1495-1502.	3.5	16
16	Antibacterial and Antifouling Hybrid Ionic-Covalent Hydrogels with Tunable Mechanical Properties. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 31594-31604.	8.0	44
17	Atomic Resolution Convergent Beam Electron Diffraction Analysis Using Convolutional Neural Networks. <i>Microscopy and Microanalysis</i> , 2019, 25, 128-129.	0.4	1
18	Ultra-high strength poly(N-(2-hydroxyethyl)acrylamide)/chitosan hydrogel with “repelling and killing” bacteria property. <i>Carbohydrate Polymers</i> , 2019, 225, 115160.	10.2	22

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19	Ultra-High Electromagnetic Absorption Property of One-Dimensional Carbon-Supported Ni/Mo ₂ C and Polyvinylidene Fluoride. <i>Frontiers in Chemistry</i> , 2019, 7, 427.	3.6	9
20	Investigation and improvement of the scorch behavior of silica-filled solution styrene-butadiene rubber compound. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47918.	2.6	9
21	High-performance, command-degradable, antibacterial Schiff base epoxy thermosets: synthesis and properties. <i>Journal of Materials Chemistry A</i> , 2019, 7, 15420-15431.	10.3	180
22	Dark, heat-reflective, anti-ice rain and superhydrophobic cement concrete surfaces. <i>Construction and Building Materials</i> , 2019, 220, 21-28.	7.2	54
23	Deep color, heat-reflective, superhydrophobic and anti-soiling coatings with waterborne silicone emulsion. <i>Solar Energy Materials and Solar Cells</i> , 2019, 199, 129-135.	6.2	26
24	Dual-Sensitive Graphene Oxide Loaded with Proapoptotic Peptides and Anticancer Drugs for Cancer Synergetic Therapy. <i>Langmuir</i> , 2019, 35, 6120-6128.	3.5	30
25	A dual-sensitive mesoporous silica nanoparticle based drug carrier for cancer synergetic therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 175, 65-72.	5.0	20
26	Vanillin-derived phosphorus-containing compounds and ammonium polyphosphate as green fire-resistant systems for epoxy resins with balanced properties. <i>Polymers for Advanced Technologies</i> , 2019, 30, 264-278.	3.2	40
27	Dark, Infrared Reflective, and Superhydrophobic Coatings by Waterborne Resins. <i>Langmuir</i> , 2018, 34, 5600-5605.	3.5	40
28	Dextran microgels loaded with ZnO QDs: pH-triggered degradation under acidic conditions. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45831.	2.6	8
29	Zwitterionic Coating Promotes Zinc Oxide Quantum Dot Stability and Reduces Aggregation in Biological Media. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 7713-7720.	0.9	3
30	Preparation of Colorful, Infrared-Reflective, and Superhydrophobic Polymer Films with Obvious Resistance to Dust Deposition. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 40219-40227.	8.0	54
31	Superhydrophobic Coating for Antifouling of Chinese Paintings. <i>Langmuir</i> , 2018, 34, 8294-8301.	3.5	40
32	Local Dielectric Breakdown Path along <i>c</i> -Axis Planar Boundaries in Cr ₂ O ₃ Thin Films. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700172.	3.7	12
33	Dielectric breakdown along <i>c</i> -axis boundaries in magnetoelectric O ₂ O ₃ for spintronic devices. <i>Microscopy and Microanalysis</i> , 2017, 23, 1442-1443.	0.4	0
34	Bayesian Statistical Model for Imaging of Single La Vacancies in LaMnO ₃ . <i>Microscopy and Microanalysis</i> , 2017, 23, 1572-1573.	0.4	2
35	Applications of High Precision STEM Imaging to Structurally Complex Materials. <i>Microscopy and Microanalysis</i> , 2017, 23, 418-419.	0.4	1
36	Stepwise-activable multifunctional peptide-guided prodrug micelles for cancerous cells intracellular drug release. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	1.9	4

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37	Revealing New Atomic-scale Information about Materials by Improving the Quality and Quantifiability of Aberration-corrected STEM Data. <i>Microscopy and Microanalysis</i> , 2015, 21, 2409-2410.	0.4	0
38	Multifunctional Mesoporous Silica Nanoparticles Based on Charge-Reversal Plug-Gate Nanovalves and Acid-Decomposable ZnO Quantum Dots for Intracellular Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 26666-26673.	8.0	72
39	Mechanism of Delayed Frost Growth on Superhydrophobic Surfaces with Jumping Condensates: More Than Interdrop Freezing. <i>Langmuir</i> , 2014, 30, 15416-15422.	3.5	132
40	Factors Affecting the Spontaneous Motion of Condensate Drops on Superhydrophobic Copper Surfaces. <i>Langmuir</i> , 2012, 28, 6067-6075.	3.5	154
41	Why Condensate Drops Can Spontaneously Move Away on Some Superhydrophobic Surfaces but Not on Others. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 6618-6625.	8.0	122
42	Fabrication of Polyethylene Surface with Stable Superhydrophobicity by Nanoparticle Assisted Thermal Micromolding Process. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 2679-2684.	0.9	2
43	Stretching-controlled Micromolding Process with Etched Metal Surfaces as Templates Towards Mass-producing Superhydrophobic Polymer Films. <i>Macromolecular Materials and Engineering</i> , 2010, 295, 859-864.	3.6	9
44	Fabrication of Polyethylene Superhydrophobic Surfaces by Stretching-controlled Micromolding. <i>Macromolecular Materials and Engineering</i> , 2009, 294, 295-300.	3.6	25
45	Fabrication of superhydrophobic and heat-insulating antimony doped tin oxide/polyurethane films by cast replica micromolding. <i>Journal of Colloid and Interface Science</i> , 2009, 336, 268-272.	9.4	61