Jianhui Qiu

List of Publications by Year
in descending order

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29	1,182	471371 17	501076 28
papers	citations	h-index	g-index

29	29	29	1618
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preparation of Magnetic Chitosan Nanoparticles As Support for Cellulase Immobilization. Industrial & Engineering Chemistry Research, 2014, 53, 3448-3454.	1.8	212
2	Design and Fabrication of an All-Solid-State Polymer Supercapacitor with Highly Mechanical Flexibility Based on Polypyrrole Hydrogel. ACS Applied Materials & Interfaces, 2017, 9, 33941-33947.	4.0	129
3	Evaluation of piezoelectric property of reduced graphene oxide (rGO)â€“poly(vinylidene fluoride) nanocomposites. Nanoscale, 2012, 4, 7250.	2.8	112
4	Highly Compressible and Sensitive Pressure Sensor under Large Strain Based on 3D Porous Reduced Graphene Oxide Fiber Fabrics in Wide Compression Strains. ACS Applied Materials & Interfaces, 2019, 11, 37051-37059.	4.0	74
5	Highâ€Performance PVA/PEDOT:PSS Hydrogel Electrode for Allâ€Gelâ€State Flexible Supercapacitors. Advanced Materials Technologies, 2021, 6, .	3.0	68
6	Rapid Recovery Double Cross-Linking Hydrogel with Stable Mechanical Properties and High Resilience Triggered by Visible Light. ACS Applied Materials & Interfaces, 2017, 9, 13593-13601.	4.0	51
7	Preparation and application of conducting polymer/Ag/clay composite nanoparticles formed by in situ UV-induced dispersion polymerization. Scientific Reports, 2016, 6, 20470.	1.6	50
8	Porous biochar/chitosan composites for high performance cellulase immobilization by glutaraldehyde. Enzyme and Microbial Technology, 2020, 138, 109561.	1.6	47
9	A high modulus hydrogel obtained from hydrogen bond reconstruction and its application in vibration damper. RSC Advances, 2017, 7, 43755-43763.	1.7	46
10	Highly temperature resistant cellulose nanofiber/polyvinyl alcohol hydrogel using aldehyde cellulose nanofiber as cross-linker. Cellulose, 2019, 26, 5291-5303.	2.4	41
11	Synthesis of mesoporous silica with different pore sizes for cellulase immobilization: pure physical adsorption. New Journal of Chemistry, 2017, 41, 9338-9345.	1.4	40
12	Low-temperature adaptive conductive hydrogel based on ice structuring proteins/CaCl2 anti-freeze system as wearable strain and temperature sensor. International Journal of Biological Macromolecules, 2021, 188, 534-541.	3.6	32
13	Preparation of Chitosan/Magnetic Porous Biochar as Support for Cellulase Immobilization by Using Glutaraldehyde. Polymers, 2020, 12, 2672.	2.0	31
14	Constructing and optimizing hollow ZnxFe3-xO4@polyaniline composites as high-performance microwave absorbers. Journal of Colloid and Interface Science, 2021, 584, 80-91.	5.0	31
15	Preparation and characterization of magnetic polyporous biochar for cellulase immobilization by physical adsorption. Cellulose, 2020, 27, 4963-4973.	2.4	29
16	A Flexible and Knittable Fiber Supercapacitor for Wearable Energy Storage with High Energy Density and Mechanical Robustness. Journal of the Electrochemical Society, 2018, 165, A1515-A1522.	1.3	24
17	Poly(acrylic acid)/palygorskite microgel via radical polymerization in aqueous phase for reinforcing poly(vinyl alcohol) hydrogel. Applied Clay Science, 2020, 185, 105421.	2.6	18
18	Cellulose as a template to fabricate a cellulase-immobilized composite with high bioactivity and reusability. New Journal of Chemistry, 2018, 42, 1665-1672.	1.4	17

#	Article	IF	Citations
19	Highâ€Performance Yarn Supercapacitor Based on Metalâ€“Inorganicâ€“Organic Hybrid Electrode for Wearable Electronics. Advanced Electronic Materials, 2019, 5, 1800435.	2.6	17
20	Preparation of Functionalized Magnetic Silica Nanospheres for the Cellulase Immobilization. Nano, 2015, 10, 1550013.	0.5	15
21	Simple preparation of carboxymethyl cellulose-based ionic conductive hydrogels for highly sensitive, stable and durable sensors. Cellulose, 2021, 28, 4253-4265.	2.4	15
22	Nano-cladding of natural microcrystalline cellulose with conducting polymer: preparation, characterization, and application in energy storage. RSC Advances, 2014, 4, 40345.	1.7	14
23	Synthesis of Sodium Carboxymethyl Cellulose/Poly(acrylic acid) Microgels via Visible-Light-Triggered Polymerization as a Self-Sedimentary Cationic Basic Dye Adsorbent. Langmuir, 2022, 38, 3711-3719.	1.6	13
24	Robust quasi-solid-state integrated asymmetric flexible supercapacitors with interchangeable positive and negative electrode based on all-conducting-polymer electrodes. Journal of Alloys and Compounds, 2021, 887, 161362.	2.8	12
25	Multi-Sacrificial Bonds Enhanced Double Network Hydrogel with High Toughness, Resilience, Damping, and Notch-Insensitivity. Polymers, 2020, 12, 2263.	2.0	11
26	High-Performance All-Solid-State Supercapacitor Based on Activated Carbon Coated Fiberglass Cloth Using Asphalt as Active Binder. Journal of the Electrochemical Society, 2020, 167, 020540.	1.3	11
27	Facile fabrication of sepiolite functionalized composites with tunable dielectric properties and their superior microwave absorption performance. Journal of Colloid and Interface Science, 2020, 576, 444-456.	5.0	11
28	A tough hydrogel with fast self-healing and adhesive performance for wearable sensors. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 632, 127793.	2.3	11
29	Possible Application of Tough Hydrogel in Machinery. Advances in Automobile Engineering, 2017, 06, .	0.2	0