

# Zhang-Qi Feng

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

1,370  
citations

430874

18  
h-index

434195

31  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2054  
citing authors

#	ARTICLE	IF	CITATIONS
1	In situ wound sprayable double-network hydrogel: Preparation and characterization. Chinese Chemical Letters, 2022, 33, 1963-1969.	9.0	15
2	High-Performance Poly(vinylidene difluoride)/Dopamine Core/Shell Piezoelectric Nanofiber and Its Application for Biomedical Sensors. Advanced Materials, 2021, 33, e2006093.	21.0	114
3	High thermal conductivity of graphene and structure defects: Prospects for thermal applications in graphene sheets. Chinese Chemical Letters, 2021, 32, 1293-1298.	9.0	18
4	Dopamine/zinc oxide doped poly( <i>N</i> -hydroxyethyl acrylamide)/agar dual network hydrogel with super self-healing, antibacterial and tissue adhesion functions designed for transdermal patch. Journal of Materials Chemistry B, 2021, 9, 5492-5502.	5.8	21
5	Power Generation from Moisture Fluctuations Using Polyvinyl Alcohol-Wrapped Dopamine/Polyvinylidene Difluoride Nanofibers. Small, 2021, 17, e2102550.	10.0	13
6	Cell activity modulation and its specific function maintenance by bioinspired electromechanical nanogenerator. Science Advances, 2021, 7, eabh2350.	10.3	17
7	Physiologically Self-Regulated, Fully Implantable, Battery-Free System for Peripheral Nerve Restoration. Advanced Materials, 2021, 33, e2104175.	21.0	53
8	Design of high conductive and piezoelectric poly(3,4-ethylenedioxythiophene)/chitosan nanofibers for enhancing cellular electrical stimulation. Journal of Colloid and Interface Science, 2020, 559, 65-75.	9.4	48
9	Multiple Physical Bonds to Realize Highly Tough and Self-Adhesive Double-Network Hydrogels. ACS Applied Polymer Materials, 2020, 2, 1031-1042.	4.4	39
10	Porous polyacrylonitrile/graphene oxide nanofibers designed for high efficient adsorption of chromium ions (VI) in aqueous solution. Chemical Engineering Journal, 2020, 392, 123730.	12.7	71
11	Surface Enriched Sulfonic Acid Ionic Clusters of Nafion Nanofibers as Long-Range Interconnected Ionic Nanochannels for Anisotropic Proton Transportation: Phenomenon and Molecular Mechanism. Advanced Materials Interfaces, 2020, 7, 2000342.	3.7	10
12	Molecular simulations and understanding of antifouling zwitterionic polymer brushes. Journal of Materials Chemistry B, 2020, 8, 3814-3828.	5.8	78
13	Magnetic Janus particles as a multifunctional drug delivery system for paclitaxel in efficient cancer treatment. Materials Science and Engineering C, 2019, 104, 110001.	7.3	41
14	Core/Shell Piezoelectric Nanofibers with Spatial Self-Orientated $\beta$ -Phase Nanocrystals for Real-Time Micropressure Monitoring of Cardiovascular Walls. ACS Nano, 2019, 13, 10062-10073.	14.6	66
15	Importance of Polyacrylamide Hydrogel Diverse Chains and Cross-Linking Density for Cell Proliferation, Aging, and Death. Langmuir, 2019, 35, 13999-14006.	3.5	6
16	Cell microarray chip system for accurate, rapid diagnosis and target treatment of breast cancer cells SK-BR-3. Chinese Chemical Letters, 2019, 30, 1043-1050.	9.0	17
17	Multiple Physical Cross-Linker Strategy To Achieve Mechanically Tough and Reversible Properties of Double-Network Hydrogels in Bulk and on Surfaces. ACS Applied Polymer Materials, 2019, 1, 701-713.	4.4	39
18	Fundamentals of cross-seeding of amyloid proteins: an introduction. Journal of Materials Chemistry B, 2019, 7, 7267-7282.	5.8	87

#	ARTICLE	IF	CITATIONS
19	Post-self-repair process of neuron cells under the influence of neutral and cationic nanoparticles. Chinese Chemical Letters, 2019, 30, 2368-2374.	9.0	3
20	Piezoelectric-Driven Self-Powered Patterned Electrochromic Supercapacitor for Human Motion Energy Harvesting. ACS Sustainable Chemistry and Engineering, 2019, 7, 1745-1752.	6.7	73
21	Gecko-Inspired Paper Artificial Skin for Intimate Skin Contact and Multisensing. Advanced Materials Technologies, 2019, 4, 1800392.	5.8	30
22	Graphene Nanofibrous Foam Designed as an Efficient Oil Absorbent. Industrial & Engineering Chemistry Research, 2019, 58, 3000-3008.	3.7	21
23	Neurogenic differentiation of adipose derived stem cells on graphene-based mat. Materials Science and Engineering C, 2018, 90, 685-692.	7.3	41
24	Controlled hydrothermal temperature provides tunable permittivity and an improved electromagnetic absorption performance of reduced graphene oxide. RSC Advances, 2018, 8, 33065-33071.	3.6	7
25	Mechanically tough and recoverable hydrogels via dual physical crosslinkings. Journal of Polymer Science, Part B: Polymer Physics, 2018, 56, 1294-1305.	2.1	16
26	Micellar-incorporated hydrogels with highly tough, mechanoresponsive, and self-recovery properties for strain-induced color sensors. Journal of Materials Chemistry C, 2018, 6, 11536-11551.	5.5	36
27	Pure OPM nanofibers with high piezoelectricity designed for energy harvesting <i>in vitro</i> and <i>in vivo</i> . Journal of Materials Chemistry B, 2018, 6, 5343-5352.	5.8	15
28	Magnetic electrospun short nanofibers wrapped graphene oxide as a promising biomaterials for guiding cellular behavior. Materials Science and Engineering C, 2017, 81, 314-320.	7.3	15
29	Soft Graphene Nanofibers Designed for the Acceleration of Nerve Growth and Development. Advanced Materials, 2015, 27, 6462-6468.	21.0	100
30	Rat hepatocyte aggregate formation on discrete aligned nanofibers of type-I collagen-coated poly(L-lactic acid). Biomaterials, 2010, 31, 3604-3612.	11.4	56
31	The effect of nanofibrous galactosylated chitosan scaffolds on the formation of rat primary hepatocyte aggregates and the maintenance of liver function. Biomaterials, 2009, 30, 2753-2763.	11.4	204