

Runfang Fu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Flexible Piezoelectric Pressure Tactile Sensor Based on Electrospun BaTiO ₃ /Poly(vinylidene fluoride) Nanocomposite Membrane. ACS Applied Materials & Interfaces, 2020, 12, 33989-33998.	8.0	150
2	Preparation, Characterization, and Electrochromic Properties of Nanocellulose-Based Polyaniline Nanocomposite Films. ACS Applied Materials & Interfaces, 2017, 9, 16426-16434.	8.0	147
3	High Performance Piezoelectric Nanogenerators Based on Electrospun ZnO Nanorods/Poly(vinylidene fluoride) Nanocomposites. ACS Applied Materials & Interfaces, 2017, 9, 16426-16434.	8.1	146
4	Improved piezoelectric properties of electrospun poly(vinylidene fluoride) fibers blended with cellulose nanocrystals. Materials Letters, 2017, 187, 86-88.	2.6	48
5	2D Freestanding Janus Gold Nanocrystal Superlattices. Advanced Materials, 2019, 31, e1900989.	21.0	38
6	Self-assembly and characterization of 2D plasmene nanosheets. Nature Protocols, 2019, 14, 2691-2706.	12.0	37
7	2D Binary Plasmonic Nanoassemblies with Semiconductor n-Doping-Like Properties. Advanced Materials, 2018, 30, e1801118.	21.0	28
8	Preparation of nanocellulose-based polyaniline composite film and its application in electrochromic device. Journal of Materials Science: Materials in Electronics, 2017, 28, 10158-10165.	2.2	21
9	Novel nanocellulose/conducting polymer composite nanorod films with improved electrochromic performances. Materials Letters, 2017, 202, 127-130.	2.6	20
10	Covalent-Cross-Linked Plasmene Nanosheets. ACS Nano, 2019, 13, 6760-6769.	14.6	19
11	Plasmene nanosheets as optical skin strain sensors. Nanoscale Horizons, 2020, 5, 1515-1523.	8.0	17
12	Fine-Tuning Au@Pd Nanocrystals for Maximum Plasmon-Enhanced Catalysis. Advanced Materials Interfaces, 2021, 8, 2001686.	3.7	17
13	Soft Plasmonics: Design, Fabrication, Characterization, and Applications. Advanced Optical Materials, 2022, 10, 2101436.	7.3	12
14	Site-specific Ag coating on concave Au nanoarrows by controlling the surfactant concentration. Nanoscale Horizons, 2019, 4, 940-946.	8.0	11
15	Self-assembled Janus plasmene nanosheets as flexible 2D photocatalysts. Materials Horizons, 2021, 8, 259-266.	12.2	10
16	Seagrass-inspired design of soft photocatalytic sheets based on hydrogel-integrated free-standing 2D nanoassemblies of multifunctional nanohexagons. Materials Horizons, 2021, 8, 2533-2540.	12.2	10
17	Preparation and Piezoelectric Investigation of Electrospun Polyvinylidene Fluoride Fibrous Membrane. Journal of Nanoscience and Nanotechnology, 2016, 16, 12337-12343.	0.9	9
18	Orientation-Dependent Soft Plasmonics of Gold Nanobipyramid Plasmene Nanosheets. Nano Letters, 2021, 21, 389-396.	9.1	9

#	ARTICLE	IF	CITATIONS
19	Active strain engineering of soft plasmene nanosheets by thermoresponsive hydrogels. Journal of Materials Chemistry C, 2021, 9, 12720-12726.	5.5	5
20	Two-Dimensional Nanoassemblies from Plasmonic Matryoshka Nanoframes. Journal of Physical Chemistry C, 2021, 125, 27753-27762.	3.1	5
21	Synthesis of flower-like MnO ₂ nanostructure with freshly prepared Cu particles and electrochemical performance in supercapacitors. PLoS ONE, 2022, 17, e0269086.	2.5	5
22	Cell Sheet-Like Soft Nanoreactor Arrays. Advanced Materials, 2022, 34, e2105630.	21.0	4