

Nan Meng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6036698/publications.pdf>

Version: 2024-02-01

28
papers

1,491
citations

430874

18
h-index

501196

28
g-index

28
all docs

28
docs citations

28
times ranked

1535
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-templating synthesis of nitrogen-rich porous carbons using pyridyl functionalized conjugated microporous polytriphenylamine for electrochemical energy storage. <i>Electrochimica Acta</i> , 2022, 402, 139531.	5.2	16
2	Low-cost Free-standing ferroelectric polymer films with high polarization produced via pressing-and-folding. <i>Journal of Materiomics</i> , 2022, 8, 640-648.	5.7	7
3	Scalable Fabrication of Conjugated Microporous Polymer Sponges for Efficient Solar Steam Generation. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 4522-4531.	8.0	55
4	Ultra-high energy density integrated polymer dielectric capacitors. <i>Journal of Materials Chemistry A</i> , 2022, 10, 10171-10180.	10.3	12
5	Macroscale Conjugated Microporous Polymers: Controlling Versatile Functionalities Over Several Dimensions. <i>Advanced Materials</i> , 2022, 34, e2104952.	21.0	65
6	Perovskite Bi _{0.5} Na _{0.5} TiO ₃ -based materials for dielectric capacitors with ultrahigh thermal stability. <i>Materials and Design</i> , 2021, 198, 109344.	7.0	19
7	Hierarchical porous hollow carbon spheres derived from spirofluorene- and aniline-linked conjugated microporous polymer for phase change energy storage. <i>Carbon</i> , 2021, 176, 178-187.	10.3	45
8	Metal-free Synthesis of Pyridyl Conjugated Microporous Polymers for Photocatalytic Hydrogen Evolution. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2021, 39, 1004-1012.	3.8	13
9	Solvothermal synthesis of porphyrin-ferrocenyl conjugated microporous polymer nanospheres for shape-stable phase change materials with improved latent heat and cyclability. <i>Journal of Colloid and Interface Science</i> , 2021, 595, 178-186.	9.4	31
10	Multiscale understanding of electric polarization in poly(vinylidene fluoride)-based ferroelectric polymers. <i>Journal of Materials Chemistry C</i> , 2020, 8, 16436-16442.	5.5	48
11	Ultrahigh field-induced strain in lead-free ceramics. <i>Nano Energy</i> , 2020, 76, 105037.	16.0	85
12	Giant energy storage density in PVDF with internal stress engineered polar nanostructures. <i>Nano Energy</i> , 2020, 72, 104662.	16.0	72
13	Characterization and performance of plate-like Ba _{0.6} Sr _{0.4} TiO ₃ /Poly(vinylidene fluoride) composites. <i>Polymer</i> , 2020, 203, 122777.	3.8	14
14	Terahertz Probing Irreversible Phase Transitions Related to Polar Clusters in Bi _{0.5} Na _{0.5} TiO ₃ -Based Ferroelectric. <i>Advanced Electronic Materials</i> , 2020, 6, 1901373.	5.1	10
15	Ultrahigh $\hat{\epsilon}^2$ -phase content poly(vinylidene fluoride) with relaxor-like ferroelectricity for high energy density capacitors. <i>Nature Communications</i> , 2019, 10, 4535.	12.8	259
16	Microstructure and dielectric properties of Ba _{0.6} Sr _{0.4} TiO ₃ /(acrylonitrile-butadiene-styrene)-poly(vinylidene fluoride) composites. <i>Advanced Composites and Hybrid Materials</i> , 2019, 2, 681-689.	21.1	29
17	Remarkably enhanced polarisability and breakdown strength in PVDF-based interactive polymer blends for advanced energy storage applications. <i>Polymer</i> , 2019, 168, 246-254.	3.8	43
18	Microstructure and dielectric properties of sub- μ m hollow sphere (Ba _{0.6} Sr _{0.4} TiO ₃)/poly(vinylidene fluoride) composites. <i>Journal of Materials Chemistry C</i> , 2019, 7, 1004-1012.	4.1	13

#	ARTICLE	IF	CITATIONS
19	Crystal structure and electrical properties of textured Ba ₂ Bi ₄ Ti ₅ O ₁₈ ceramics. Journal of the European Ceramic Society, 2019, 39, 1042-1049.	5.7	17
20	High dielectric constant and low loss in poly(fluorovinylidene-co-hexafluoropropylene) nanocomposite incorporated with liquid-exfoliated oriented graphene with assistance of hyperbranched polyethylene. Polymer, 2018, 145, 391-401.	3.8	20
21	Perovskite Sr _x (Bi _{1-x} Na _{0.97-x} Li _{0.03}) _{0.5} TiO ₃ ceramics with polar nano regions for high power energy storage. Nano Energy, 2018, 50, 723-732.	16.0	293
22	Nanoscale interfacial electroactivity in PVDF/PVDF-TrFE blended films with enhanced dielectric and ferroelectric properties. Journal of Materials Chemistry C, 2017, 5, 3296-3305.	5.5	110
23	Modelling the elastic properties of cellulose nanopaper. Materials and Design, 2017, 126, 183-189.	7.0	34
24	Comparison of fracture properties of cellulose nanopaper, printing paper and buckypaper. Journal of Materials Science, 2017, 52, 9508-9519.	3.7	40
25	Crystallization kinetics and enhanced dielectric properties of free standing lead-free PVDF based composite films. Polymer, 2017, 121, 88-96.	3.8	37
26	Solvent-Based Soft Patterning of Graphene Lateral Heterostructures for Broadband High-Speed Metal-Semiconductor-Metal Photodetectors. Advanced Materials Technologies, 2017, 2, 1600241.	5.8	53
27	Toughening mechanisms in cellulose nanopaper: the contribution of amorphous regions. Cellulose, 2017, 24, 4627-4639.	4.9	34
28	Processing and characterization of free standing highly oriented ferroelectric polymer films with remarkably low coercive field and high remnant polarization. Polymer, 2016, 100, 69-76.	3.8	17