

List of Publications by Citations

Source: <https://exaly.com/author-pdf/151856/yao-li-publications-by-citations.pdf>
Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

181 papers	3,219 citations	29 h-index	49 g-index
191 ext. papers	4,152 ext. citations	5.5 avg, IF	5.62 L-index

#	Paper	IF	Citations
181	Structural evolution and characteristics of the phase transformations between α -Fe ₂ O ₃ , Fe ₃ O ₄ and β -Fe ₂ O ₃ nanoparticles under reducing and oxidizing atmospheres. <i>CrystEngComm</i> , 2013 , 15, 8166	3.3	247
180	Layered polyaniline/graphene film from sandwich-structured polyaniline/graphene/polyaniline nanosheets for high-performance pseudosupercapacitors. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 4642-4651	13.4	178
179	Graphene nanowires anchored to 3D graphene foam via self-assembly for high performance Li and Na ion storage. <i>Nano Energy</i> , 2017 , 37, 108-117	17.1	128
178	Improved electrochromic performance and lithium diffusion coefficient in three-dimensionally ordered macroporous V ₂ O ₅ films. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 3651-3658	7.1	99
177	Rapid redox kinetics in uniform sandwich-structured mesoporous Nb ₂ O ₅ /graphene/mesoporous Nb ₂ O ₅ nanosheets for high-performance sodium-ion supercapacitors. <i>Energy Storage Materials</i> , 2018 , 13, 223-232	19.4	87
176	Fluorographene/polyimide composite films: Mechanical, electrical, hydrophobic, thermal and low dielectric properties. <i>Composites Part A: Applied Science and Manufacturing</i> , 2016 , 84, 428-434	8.4	72
175	An electrochromic supercapacitor based on an MOF derived hierarchical-porous NiO film. <i>Nanoscale</i> , 2020 , 12, 8934-8941	7.7	70
174	Ion diffusion and optical switching performance of 3D ordered nanostructured polyaniline films for advanced electrochemical/electrochromic devices. <i>Electrochimica Acta</i> , 2013 , 104, 191-197	6.7	65
173	Annealing synthesis of coralline V ₂ O ₅ nanorod architecture for multicolor energy-efficient electrochromic device. <i>Solar Energy Materials and Solar Cells</i> , 2016 , 146, 135-143	6.4	64
172	Assembly of flexible CoMoO ₄ @NiMoO ₄ ·xH ₂ O and FeO electrodes for solid-state asymmetric supercapacitors. <i>Scientific Reports</i> , 2017 , 7, 41088	4.9	63
171	Preparation of Ge nanotube arrays from an ionic liquid for lithium ion battery anodes with improved cycling stability. <i>Chemical Communications</i> , 2015 , 51, 2064-7	5.8	60
170	Recent advances in multifunctional electrochromic energy storage devices and photoelectrochromic devices. <i>Science China Chemistry</i> , 2017 , 60, 13-37	7.9	57
169	3D ordered macroporous germanium fabricated by electrodeposition from an ionic liquid and its lithium storage properties. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 15076	13	57
168	A comprehensive study of electrochromic device with variable infrared emissivity based on polyaniline conducting polymer. <i>Solar Energy Materials and Solar Cells</i> , 2017 , 170, 120-126	6.4	56
167	Further understanding of the mechanisms of electrochromic devices with variable infrared emissivity based on polyaniline conducting polymers. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 9878-9891	7.1	53
166	Rational selection of amorphous or crystalline VO cathode for sodium-ion batteries. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 25645-25654	3.6	41
165	Self-supported one-dimensional materials for enhanced electrochromism. <i>Nanoscale Horizons</i> , 2018 , 3, 261-292	10.8	40

164	Versatile displays based on a 3-dimensionally ordered macroporous vanadium oxide film for advanced electrochromic devices. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 3159-3166	7.1	38
163	The roles of lithium-philic giant nitrogen-doped graphene in protecting micron-sized silicon anode from fading. <i>Scientific Reports</i> , 2015 , 5, 15665	4.9	38
162	Semiconductor nanostructures via electrodeposition from ionic liquids. <i>Pure and Applied Chemistry</i> , 2010 , 82, 1673-1689	2.1	36
161	Facile preparation of double-sided VO ₂ (M) films with micro-structure and enhanced thermochromic performances. <i>Solar Energy Materials and Solar Cells</i> , 2017 , 160, 164-173	6.4	35
160	Preparation and performances of all-solid-state variable infrared emittance devices based on amorphous and crystalline WO ₃ electrochromic thin films. <i>Solar Energy Materials and Solar Cells</i> , 2019 , 200, 109916	6.4	35
159	Multilayered SiO ₂ /Si ₃ N ₄ photonic emitter to achieve high-performance all-day radiative cooling. <i>Solar Energy Materials and Solar Cells</i> , 2020 , 212, 110584	6.4	35
158	The influence of the antiferromagnetic boundary on the magnetic property of La ₂ NiMnO ₆ . <i>Applied Physics Letters</i> , 2009 , 95, 252502	3.4	35
157	Novel morphology changes from 3D ordered macroporous structure to V ₂ O ₅ nanofiber grassland and its application in electrochromism. <i>Scientific Reports</i> , 2015 , 5, 16864	4.9	34
156	Achieving rapid Li-ion insertion kinetics in TiO mesoporous nanotube arrays for bifunctional high-rate energy storage smart windows. <i>Nanoscale</i> , 2018 , 10, 3254-3261	7.7	33
155	Bioinspired Microstructured Materials for Optical and Thermal Regulation. <i>Advanced Materials</i> , 2021 , 33, e2000697	24	33
154	Near-Perfect Selective Photonic Crystal Emitter with Nanoscale Layers for Daytime Radiative Cooling. <i>ACS Applied Nano Materials</i> , 2019 , 2, 5512-5519	5.6	31
153	Dynamically Switchable Multicolor Electrochromic Films. <i>Small</i> , 2019 , 15, e1804974	11	30
152	Highly robust and flexible WO ₃ /H ₂ O/PEDOT films for improved electrochromic performance in near-infrared region. <i>Solar Energy Materials and Solar Cells</i> , 2017 , 163, 23-30	6.4	29
151	Ionic liquid electrodeposition of strain-released Germanium nanowires as stable anodes for lithium ion batteries. <i>Nanoscale</i> , 2017 , 9, 8481-8488	7.7	29
150	From Amorphous Macroporous Film to 3D Crystalline Nanorod Architecture: A New Approach to Obtain High-Performance V ₂ O ₅ Electrochromism. <i>Advanced Materials Interfaces</i> , 2015 , 2, 1500230	4.6	29
149	Self-propagating high temperature synthesis and magnetic properties of Ni _{0.35} Zn _{0.65} Fe ₂ O ₄ powders. <i>Bulletin of Materials Science</i> , 2002 , 25, 263-266	1.7	29
148	Preparation of WO ₃ Films with Controllable Crystallinity for Improved Near-Infrared Electrochromic Performances. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 11658-11666	8.3	29
147	Pseudocapacitive effect and Li ⁺ diffusion coefficient in three-dimensionally ordered macroporous vanadium oxide for energy storage. <i>Electrochemistry Communications</i> , 2016 , 69, 46-49	5.1	28

146	Enhanced storage capability by biomass-derived porous carbon for lithium-ion and sodium-ion battery anodes. <i>Sustainable Energy and Fuels</i> , 2018 , 2, 2358-2365	5.8	28
145	Large area orientation films based on graphene oxide self-assembly and low-temperature thermal reduction. <i>Applied Physics Letters</i> , 2012 , 101, 181903	3.4	27
144	Preparation of monolayer hollow spherical tungsten oxide films with enhanced near infrared electrochromic performances. <i>Electrochimica Acta</i> , 2019 , 297, 223-229	6.7	27
143	A Universal Approach To Achieve High Luminous Transmittance and Solar Modulating Ability Simultaneously for Vanadium Dioxide Smart Coatings via Double-Sided Localized Surface Plasmon Resonances. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 7302-7309	9.5	25
142	Transferable TiO ₂ nanotubes membranes formed via anodization and their application in transparent electrochromism. <i>Solar Energy Materials and Solar Cells</i> , 2016 , 150, 57-64	6.4	25
141	A rapid-response electrochromic device with significantly enhanced electrochromic performance. <i>RSC Advances</i> , 2015 , 5, 803-806	3.7	23
140	Trace detection of homologues and isomers based on hollow mesoporous silica sphere photonic crystals. <i>Materials Horizons</i> , 2017 , 4, 862-868	14.4	21
139	Improved Electrochromic Performance of Poly(3,4-ethylenedioxythiophene) by Incorporating a Three-Dimensionally Ordered Macroporous Structure. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 2882-2888	4.5	21
138	Synthesis of ordered bowl-like polyaniline film with enhanced electrochromic performances. <i>Synthetic Metals</i> , 2017 , 232, 111-116	3.6	20
137	A visible-to-infrared broadband flexible electrochromic device based polyaniline for simultaneously variable optical and thermal management. <i>Solar Energy Materials and Solar Cells</i> , 2020 , 208, 110356	6.4	20
136	Fabrication of the infrared variable emissivity electrochromic film based on polyaniline conducting polymer. <i>Synthetic Metals</i> , 2019 , 248, 88-93	3.6	20
135	Preparation and performance of fast-response ITO/Li-NiO/Li-WO ₃ /ITO all-solid-state electrochromic devices by evaporation method. <i>Materials Letters</i> , 2020 , 265, 127464	3.3	19
134	Recent Advances in Colloidal Photonic Crystal-Based Anti-Counterfeiting Materials. <i>Crystals</i> , 2019 , 9, 417	2.3	19
133	Preparation, characterization and properties of amine-functionalized silicon carbide/polyimide composite films. <i>RSC Advances</i> , 2014 , 4, 28456	3.7	19
132	Numerical Simulation of Light-Trapping and Photoelectric Conversion in Single Nanowire Silicon Solar Cells. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2013 , 19, 1-8	3.8	19
131	Hierarchical structure N, O-co-doped porous carbon/carbon nanotube composite derived from coal for supercapacitors and CO ₂ capture. <i>Nanoscale Advances</i> , 2020 , 2, 878-887	5.1	19
130	Inorganic all-solid-state electrochromic devices with reversible color change between yellow-green and emerald green. <i>Chemical Communications</i> , 2020 , 56, 10062-10065	5.8	19
129	Smart Materials for Dynamic Thermal Radiation Regulation. <i>Small</i> , 2021 , 17, e2100446	11	19

128	Preparation and magnetic properties of Fe ₂ O ₃ @SiO ₂ core shell ellipsoids with different aspect ratios. <i>New Journal of Chemistry</i> , 2014 , 38, 4351	3.6	18
127	One-pot preparation of crystalline-amorphous double-layer structured WO ₃ films and their electrochromic properties. <i>Electrochimica Acta</i> , 2014 , 148, 46-52	6.7	18
126	Controllable crystallinity of nickel oxide film with enhanced electrochromic properties. <i>Applied Surface Science</i> , 2018 , 451, 104-111	6.7	17
125	Assembling free-standing and aligned tungstate/MXene fiber for flexible lithium and sodium-ion batteries with efficient pseudocapacitive energy storage. <i>Energy Storage Materials</i> , 2020 , 33, 82-87	19.4	17
124	A facile method for the preparation of W-doped VO ₂ films with lowered phase transition temperature, narrowed hysteresis loops and excellent cycle stability. <i>Materials Chemistry and Physics</i> , 2018 , 215, 91-98	4.4	17
123	All solid state electrochromic devices based on the LiF electrolyte. <i>Chemical Communications</i> , 2020 , 56, 5018-5021	5.8	16
122	Specific features of creep and tribological behavior of polyimide-carbon nanotubes nanocomposite films: effect of the nanotubes functionalization. <i>Journal of Polymer Research</i> , 2013 , 20, 1	2.7	16
121	Lithiation of WO ₃ films by evaporation method for all-solid-state electrochromic devices. <i>Electrochimica Acta</i> , 2020 , 355, 136817	6.7	16
120	Regulating the pore structure and oxygen vacancies of cobaltosic oxide hollow dodecahedra for an enhanced oxygen evolution reaction. <i>NPG Asia Materials</i> , 2020 , 12,	10.3	16
119	Further explore on the behaviors of IR electrochromism of a double layer constructed by proton acid-doped polyaniline film and ITO layer. <i>Dyes and Pigments</i> , 2019 , 170, 107570	4.6	15
118	Flexible Daytime Radiative Cooling Enhanced by Enabling Three-Phase Composites with Scattering Interfaces between Silica Microspheres and Hierarchical Porous Coatings. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 19282-19290	9.5	15
117	Effect of independently controllable electrolyte ion content on the performance of all-solid-state electrochromic devices. <i>Chemical Engineering Journal</i> , 2020 , 398, 125628	14.7	14
116	Three dimensional hierarchically porous crystalline MnO ₂ structure design for a high rate performance lithium-ion battery anode. <i>RSC Advances</i> , 2016 , 6, 85222-85229	3.7	14
115	PtOEP/PS composite particles based on fluorescent sensor for dissolved oxygen detection. <i>Materials Letters</i> , 2016 , 172, 112-115	3.3	14
114	X-ray Photoelectron Spectroscopy Probing of the Interphase between Solid-State Sulfide Electrolytes and a Lithium Anode. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 300-308	3.8	14
113	A general method for high-performance Li-ion battery Ge composites electrodes from ionic liquid electrodeposition without binders or conductive agents: The cases of CNTs, RGO and PEDOT. <i>Chemical Engineering Journal</i> , 2018 , 346, 427-437	14.7	13
112	Patterned polyaniline encapsulated in titania nanotubes for electrochromism. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 5818-5826	3.6	13
111	Enhanced Photoresponsivity of a Germanium Single-Nanowire Photodetector Confined within a Superwavelength Metallic Slit. <i>ACS Photonics</i> , 2014 , 1, 483-488	6.3	13

110	Adsorption of bovine serum albumin on superparamagnetic composite microspheres with a Fe ₃ O ₄ /SiO ₂ core and mesoporous SiO ₂ shell. <i>RSC Advances</i> , 2015 , 5, 103760-103766	3.7	13
109	Excellent mechanical properties of three-dimensionally ordered macroporous nickel photonic crystals. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 290-293	5.7	13
108	Mechanical, dielectric and thermal properties of polyimide films with sandwich structure. <i>Composite Structures</i> , 2021 , 261, 113305	5.3	13
107	In situ X-ray photoelectron spectroscopy investigation of the solid electrolyte interphase in a Li/Li _{6.4} Ga _{0.2} La ₃ Zr ₂ O ₁₂ /LiFePO ₄ all-solid-state battery. <i>Journal of Solid State Electrochemistry</i> , 2019 , 23, 2107-2117	2.6	12
106	Catalytic and enhanced effects of silicon carbide nanoparticles on carbonization and graphitization of polyimide films. <i>RSC Advances</i> , 2014 , 4, 42569-42576	3.7	12
105	Near-infrared and multicolor electrochromic device based on polyaniline derivative. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2014 , 32, 1040-1051	3.5	12
104	High sensitivity and accuracy dissolved oxygen (DO) detection by using PtOEP/poly(MMA-co-TFEMA) sensing film. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 170, 242-6	4.4	12
103	Preparation of Sn-NiO films and all-solid-state devices with enhanced electrochromic properties by magnetron sputtering method. <i>Electrochimica Acta</i> , 2021 , 367, 137457	6.7	12
102	Improved cycling stability of MoS ₂ -coated carbon nanotubes on graphene foam as flexible anodes for lithium-ion batteries. <i>New Journal of Chemistry</i> , 2017 , 41, 588-593	3.6	11
101	Highly-conductive porous poly(ether ether ketone) electrolyte membranes for flexible electrochromic devices with variable infrared emittance. <i>Electrochimica Acta</i> , 2020 , 332, 135357	6.7	11
100	Bifunctional urchin-like WO ₃ @PANI electrodes for superior electrochromic behavior and lithium-ion battery. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 14803-14812	2.1	10
99	Controllable synthesis of Cu ₂ O petaloid octahedral microcrystals and multi-patterned evolution. <i>Journal of Colloid and Interface Science</i> , 2013 , 392, 151-157	9.3	10
98	Process optimization and optical properties of colloidal self-assembly via refrigerated centrifugation. <i>Colloid and Polymer Science</i> , 2017 , 295, 1655-1662	2.4	10
97	Effect of co-solvent on the structure and dielectric properties of porous polyimide membranes. <i>Journal Physics D: Applied Physics</i> , 2018 , 51, 215305	3	9
96	Structural Strategies for Germanium-Based Anode Materials to Enhance Lithium Storage. <i>Particle and Particle Systems Characterization</i> , 2019 , 36, 1900248	3.1	9
95	UV-assisted, template-free electrodeposition of germanium nanowire cluster arrays from an ionic liquid for anodes in lithium-ion batteries. <i>New Journal of Chemistry</i> , 2017 , 41, 15210-15215	3.6	9
94	Facile and controllable construction of vanadium pentoxide@conducting polymer core/shell nanostructures and their thickness-dependent synergistic energy storage properties. <i>Electrochimica Acta</i> , 2016 , 222, 194-202	6.7	9
93	In situ XRD and operando spectra-electrochemical investigation of tetragonal WO _{3-x} nanowire networks for electrochromic supercapacitors. <i>NPG Asia Materials</i> , 2021 , 13,	10.3	9

92	Ionic liquid electrodeposition of Ge nanostructures on freestanding Ni-nanocone arrays for Li-ion battery. <i>RSC Advances</i> , 2015 , 5, 19596-19600	3.7	8
91	Fabrication, structure and mechanism of reduced graphene oxide-based carbon composite films. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 10502	13	8
90	Review: recent progress in ordered macroporous electrochromic materials. <i>Journal of Materials Science</i> , 2017 , 52, 11251-11268	4.3	8
89	Amplification of magnetoresistance and Hall effect of Fe ₃ O ₄ /Bi ₂ O ₃ structure. <i>Journal of Applied Physics</i> , 2009 , 105, 07B101	2.5	8
88	The influence of temperature on preparing tungsten doped vanadium dioxide films by sol-gel method. <i>Materials Research Express</i> , 2019 , 6, 016408	1.7	8
87	Fabrication and performances of double-sided HfO ₂ anti-reflection films with ultra-high infrared transmittance. <i>Journal of Alloys and Compounds</i> , 2021 , 858, 158337	5.7	8
86	The infrared optical performance of VO ₂ film prepared by HiPIMS. <i>Materials Chemistry and Physics</i> , 2021 , 259, 124042	4.4	8
85	Highly robust, transparent, and conductive films based on AgNW-C nanowires for flexible smart windows. <i>Applied Surface Science</i> , 2021 , 559, 149846	6.7	8
84	Investigation of the Electrode/Ionic Liquid Interphase: Chemical Reactions of an Ionic Liquid and a Lithium Salt with Lithiated Graphite Probed by X-ray Photoelectron Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 10325-10332	3.8	7
83	Three dimensional molybdenum oxide/polyaniline hybrid nanosheet networks with outstanding optical and electrochemical properties. <i>New Journal of Chemistry</i> , 2017 , 41, 10872-10879	3.6	7
82	Electrochemical synthesis of gallium nanowires and macroporous structures in an ionic liquid. <i>ChemPhysChem</i> , 2011 , 12, 2751-4	3.2	7
81	Preparation of Three-Dimensional Photonic Crystals of Zirconia by Electrodeposition in a Colloidal Crystals Template. <i>Crystals</i> , 2016 , 6, 76	2.3	7
80	Effects of Microsphere Size on the Mechanical Properties of Photonic Crystals. <i>Crystals</i> , 2018 , 8, 453	2.3	7
79	A large-area, flexible, high contrast and long-life stable solid-state electrochromic device driven by an anion-assisted method. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 1641-1648	7.1	7
78	Electrodeposition of a continuous, dendrite-free aluminum film from an ionic liquid and its electrochemical properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 9937-9945	2.1	6
77	Robust and Flexible Colloidal Photonic Crystal Films with Bending Strain Independent Structural Colors for Anticounterfeiting. <i>Particle and Particle Systems Characterization</i> , 2020 , 37, 1900495	3.1	6
76	Interactions between Lithium, an Ionic Liquid, and Si(111) Surfaces Studied by X-ray Photoelectron Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 4673-4678	6.4	6
75	Enhancement and wettability of self-assembled GO sheets as interfacial layers of CF/PI composites. <i>RSC Advances</i> , 2014 , 4, 7511	3.7	6

74	High-performance dissolved oxygen sensors based on platinum(II) porphyrin embedded in polystyrene beads. <i>New Journal of Chemistry</i> , 2017 , 41, 6646-6652	3.6	6
73	Aromatic Polyimide/MWCNT Hybrid Nanocomposites: Structure, Dynamics, and Properties. <i>Journal of Macromolecular Science - Physics</i> , 2012 , 51, 1794-1814	1.4	6
72	Spin glass behavior in Sr ₂ Mn _{0.7} Fe _{0.3} MoO ₆ . <i>Journal of Applied Physics</i> , 2011 , 109, 07C322	2.5	6
71	Fabrication of three-dimensionally ordered macroporous gadolinia-doped ceria films. <i>New Journal of Chemistry</i> , 2008 , 32, 1014	3.6	6
70	N-doped two-dimensional ultrathin NiO nanosheets for electrochromic supercapacitor. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 20611-20619	2.1	6
69	In Situ Preparation of VO ₂ Films with Controlled Ionized Flux Density in HiPIMS and Their Regulation of Thermal Radiance. <i>ACS Applied Electronic Materials</i> , 2020 , 2, 2203-2210	4	6
68	Long life all-solid-state electrochromic devices by annealing. <i>Solar Energy Materials and Solar Cells</i> , 2021 , 224, 110992	6.4	6
67	Achieving variable infrared emissivity modulation regions of poly(aniline) films: the effect of film surface morphology on the optical tunability. <i>Dyes and Pigments</i> , 2021 , 187, 109084	4.6	6
66	Constructing nanoporous Ni foam current collectors for stable lithium metal anodes. <i>Journal of Energy Chemistry</i> , 2021 , 58, 124-132	12	6
65	Electrochemical Fabrication and Sensing Application of Multicolored Silver Films. <i>Advanced Materials Interfaces</i> , 2018 , 5, 1800277	4.6	5
64	Carbon nanotube-induced morphological transformation for toughening of benzoxazole-containing semi-crystalline polyimide. <i>RSC Advances</i> , 2014 , 4, 14024	3.7	5
63	A comparative study on effect of aromatic polyimide chain conformation on reinforcement of carbon nanotube/polyimide nanocomposites. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	5
62	Two modes in macroporous Cu ₂ O growth through template-assisted electrodeposition method. <i>Journal of Porous Materials</i> , 2013 , 20, 601-605	2.4	5
61	Reduction, dispersity and electrical properties of graphene oxide sheets under low-temperature thermal treatments. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 729-733	2.1	5
60	A nano-Ge-coated 3D porous carbon fabricated by ionic liquid electrodeposition for application in lithium storage. <i>Materials Letters</i> , 2020 , 261, 127157	3.3	5
59	Doping engineering of the flexible polyaniline electrochromic material through H ₂ SO ₄ /HClO ₄ multiple acids for the radiation regulation in snow environment. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 13336-13341	7.1	5
58	Self-assembly, structural order and mechanism of Fe ₂ O ₃ @SiO ₂ ellipsoids induced by magnetic fields. <i>New Journal of Chemistry</i> , 2016 , 40, 9520-9525	3.6	5
57	Iridescent Daytime Radiative Cooling with No Absorption Peaks in the Visible Range.. <i>Small</i> , 2022 , e2202400	4.0	5

56	Flexible fiber-shaped lithium and sodium-ion batteries with exclusive ion transport channels and superior pseudocapacitive charge storage. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 11155-11164	13	4
55	Novel aniline and haloaniline binary copolymer films for electro-emissive devices. <i>Materials Chemistry and Physics</i> , 2020 , 248, 122866	4.4	4
54	Facile scalable synthesis of ordered macroporous few-layer MoS ₂ and carbon hybrid nanoarchitectures with sodium-ion batteries. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 3492-3501	2.1	4
53	Synthesis of Silica Particles with Precisely Tailored Diameter. <i>Chinese Journal of Chemical Physics</i> , 2014 , 27, 563-567	0.9	4
52	High-performance electrochromic WO ₃ film driven by controllable crystalline structure and its all-solid-state device. <i>Solar Energy Materials and Solar Cells</i> , 2022 , 237, 111564	6.4	4
51	Bio-inspired electrochromic skin based on tungsten oxide. <i>Solar Energy Materials and Solar Cells</i> , 2021 , 230, 111195	6.4	4
50	Design, Fabrication and Characterization of Pressure-Responsive Films Based on The Orientation Dependence of Plasmonic Properties of Ag@Au Nanoplates. <i>Scientific Reports</i> , 2017 , 7, 1676	4.9	3
49	Mechanical, Dielectric, and Thermal Attributes of Polyimides Stemmed Out of 4,4'-Diaminodiphenyl Ether. <i>Crystals</i> , 2020 , 10, 173	2.3	3
48	Template-free growth of coral-like Ge nanorod bundles via UV-assisted ionic liquid electrodeposition. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 14105-14110	2.1	3
47	Two-dimensional WO ₃ nanosheets for high-performance electrochromic supercapacitors. <i>Inorganic Chemistry Frontiers</i> ,	6.8	3
46	VO-Based Infrared Radiation Regulator with Excellent Dynamic Thermal Management Performance.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	3
45	Ultra-tough and highly ordered macroscopic fiber assembly from 2D functional metal oxide nanosheet liquid crystals and strong ionic interlayer bridging. <i>Nanoscale</i> , 2020 , 12, 1374-1383	7.7	3
44	High Temperature Mechanical Properties of a Vented Ti-6Al-4V Honeycomb Sandwich Panel. <i>Materials</i> , 2020 , 13,	3.5	3
43	Effect of Unit Cell Shape on Switchable Infrared Metamaterial VO Absorbers/Emitters. <i>Research</i> , 2021 , 2021, 9804183	7.8	3
42	Solvothermally reduced graphene oxide/polyimide composites: Structures and thermal and mechanical properties. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47164	2.9	3
41	High-performance and robust dual-function electrochromic device for dynamic thermal regulation and electromagnetic interference shielding. <i>Chemical Engineering Journal</i> , 2021 , 422, 130064	14.7	3
40	Laser damage resistance of polystyrene opal photonic crystals. <i>Scientific Reports</i> , 2018 , 8, 4523	4.9	2
39	In situ Ga-alloying in germanium nano-twists by the inhibition of fractal growth with fast Li-mobility. <i>Chemical Communications</i> , 2019 , 55, 10412-10415	5.8	2

38	A nanostructured Fc(COCH) film prepared using silica monolayer colloidal crystal templates and its electrochromic properties. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 30756-30761	3.6	2
37	Dual Optical Information-Encrypted/Decrypted Invisible Photonic Patterns based on Controlled Wettability. <i>Advanced Optical Materials</i> , 2101268	8.1	2
36	MgF2 as abundant and environmentally friendly electrolytes for high performance electrochromic devices. <i>Journal of Materiomics</i> , 2021 , 7, 1318-1323	6.7	2
35	Influence of Coagulation Bath Temperature on the Structure and Dielectric Properties of Porous Polyimide Films in Different Solvent Systems. <i>ACS Omega</i> , 2020 , 5, 29889-29895	3.9	2
34	Multicolored absorbing nickel oxide films based on anodic electrochromism and structural coloration. <i>Journal of Applied Physics</i> , 2021 , 129, 123105	2.5	2
33	All-solid-state electrochromic devices based on the LiAlSiO4 electrolyte. <i>Materials Letters</i> , 2021 , 292, 129592	3.3	2
32	S, O dual-doped porous carbon derived from activation of waste papers as electrodes for high performance lithium ion capacitors. <i>Nanoscale Advances</i> , 2021 , 3, 738-746	5.1	2
31	Morphology regulation of Ga particles from ionic liquids and their lithium storage properties. <i>New Journal of Chemistry</i> , 2021 , 45, 4408-4413	3.6	2
30	Synthesis of Silica Microspheres-Inspired by the Formation of Ice Crystals-With High Homogeneous Particle Sizes and Their Applications in Photonic Crystals. <i>Materials</i> , 2018 , 11,	3.5	2
29	Pyrrolic nitrogen-doped carbon sandwiched monolayer MoS2 vertically anchored on graphene oxide for high-performance sodium-ion battery anodes. <i>Journal of Solid State Electrochemistry</i> , 2018 , 22, 2801-2809	2.6	2
28	Passive radiative temperature regulator: Principles and absorption-emission manipulation. <i>Solar Energy Materials and Solar Cells</i> , 2021 , 229, 111143	6.4	2
27	Electro-emissive device based on novel PANI/Au composite films with neoteric mosaic structure for infrared stealth and thermal radiation control. <i>Electrochimica Acta</i> , 2021 , 390, 138891	6.7	2
26	Reflective Property of Inorganic Electrochromic Materials. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2021 , 36, 451	1	2
25	Dual-Dynamic Modulation of Thermal Radiation and Electromagnetic Interference Shielding with the Self-Healing Electrochromic Device. <i>Advanced Materials Technologies</i> , 2101381	6.8	2
24	Heat Transfer Characteristics of an Innovative Thermal Protection System Based on Photonic Crystals. <i>Heat Transfer Engineering</i> , 2014 , 35, 583-588	1.7	1
23	Morphology evolution induced by carbon nanotubes on thermal and mechanical characters of semi-crystalline aromatic polyimide. <i>Polymer Bulletin</i> , 2013 , 70, 3129-3142	2.4	1
22	Mechanical, electrical and carbonization properties of graphene oxide/polyimide composite films prepared by pre-in situ polymerization. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 14515-14521	2.1	1
21	Optical properties of SiC/SiO2 composite thin film. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 1551-1553	1.2	1

20	Enhanced Electrochromic Performance of All-Solid-State Electrochromic Device Based on W-Doped NiO Films. <i>Coatings</i> , 2022 , 12, 118	2.9	1
19	Preparation of Polyimide Films with Ultra-Low Dielectric Constant by Phase Inversion. <i>Crystals</i> , 2021 , 11, 1383	2.3	1
18	Effect of ionic liquid electrolytes on the electrochemical stability and optical tunability of polyaniline-based infrared variable emittance devices. <i>Electrochimica Acta</i> , 2020 , 358, 136935	6.7	1
17	Lithiation of Single-Crystalline Ge(111) and Si(111) Investigated by X-ray Photoelectron Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 13501-13507	3.8	1
16	A Protective Film Produced by Whey Protein for Photonic Crystals: Inspired by the Epidermis Structure of Chameleon. <i>Journal of Bionic Engineering</i> , 2018 , 15, 713-721	2.7	1
15	Detection of Homologue and Isomer Vapors through Dynamic Reflection Spectra of Hollow Mesoporous Silica Sphere Photonic Crystals. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 3670-3675	4.5	1
14	Sprayable Ultrablack Coating Based on Hollow Carbon Nanospheres. <i>ACS Applied Nano Materials</i> , 2021 , 4, 7995-8002	5.6	1
13	Annealing effect on the electrochromic properties of amorphous WO ₃ films in Mg ²⁺ based electrolytes. <i>Materials Chemistry and Physics</i> , 2021 , 270, 124745	4.4	1
12	In Situ Atomic Force Microscopic Studies of LiFSI-[Py1,4]FSI Interfacial Nanostructure on Au(111): Solid Electrolyte Interphase and Lithium Underpotential Deposition. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 27140-27147	3.8	1
11	NiO films prepared by e-beam evaporation for Mg ²⁺ based electrochromic devices. <i>Optical Materials</i> , 2022 , 124, 111959	3.3	0
10	A highly sensitive and flexible photonic crystal oxygen sensor. <i>Sensors and Actuators B: Chemical</i> , 2022 , 355, 131326	8.5	0
9	High-performance polyethylene dissolved oxygen sensor with a petallike surface. <i>Colloid and Polymer Science</i> , 2021 , 299, 1439-1446	2.4	0
8	Co-electrodeposited Al-Ga composite electrode from ionic liquid with volume expansion adaptability in energy storage. <i>Materials Letters</i> , 2021 , 303, 130484	3.3	0
7	Self-templated method to fabricate VO ₂ nanoparticles with ultrahigh luminous transmittance for energy-efficient thermochromic windows. <i>Applied Surface Science</i> , 2022 , 153267	6.7	0
6	CaF ₂ : A novel electrolyte for all solid-state electrochromic devices. <i>Environmental Science and Ecotechnology</i> , 2022 , 10, 100164	7.4	0
5	Investigation on Solar Absorption and Thermal Emittance of Al Films Deposited by Magnetron Sputtering. <i>Coatings</i> , 2022 , 12, 17	2.9	0
4	A universal approach to fabricating infrared-shielding smart coatings based on vanadium dioxide. <i>Solar Energy Materials and Solar Cells</i> , 2022 , 241, 111728	6.4	0
3	Spatial discretization error in an artificial benchmark model of oblique laser incidence by finite volume approximation for radiative heat transfer. <i>Science Bulletin</i> , 2012 , 57, 2046-2050		

- 2 Enhancement of Radiative Cooling Effect by Bioinspired Hollow-core Triangular Structures. *Journal of Physics: Conference Series*, **2022**, 2185, 012007 0.3
- 1 Synthesis, spectroscopic and electrochemical characterization of polyurethanes containing triphenylamine derivative. *Polymer Bulletin*, **2018**, 75, 3459-3472 2.4