# Yao Li

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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|---|---|---|---|
| 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 | Enhanced Electrochromic Performance of All-Solid-State Electrochromic Device Based on W-Doped NiO Films. *Coatings*, **2022**, 12, 118 | 2.9 | 1 |
| 180 | Enhancement of Radiative Cooling Effect by Bioinspired Hollow-core Triangular Structures. *Journal of Physics: Conference Series*, **2022**, 2185, 012007 | 0.3 | |
| 179 | VO-Based Infrared Radiation Regulator with Excellent Dynamic Thermal Management Performance.. *ACS Applied Materials & Interfaces*, **2022**, | 9.5 | 3 |
| 178 | NiO films prepared by e-beam evaporation for Mg2+ based electrochromic devices. *Optical Materials*, **2022**, 124, 111959 | 3.3 | 0 |
| 177 | A highly sensitive and flexible photonic crystal oxygen sensor. *Sensors and Actuators B: Chemical*, **2022**, 355, 131326 | 8.5 | 0 |
| 176 | High-performance electrochromic WO3 film driven by controllable crystalline structure and its all-solid-state device. *Solar Energy Materials and Solar Cells*, **2022**, 237, 111564 | 6.4 | 4 |
| 175 | Self-templated method to fabricate VO2 nanoparticles with ultrahigh luminous transmittance for energy-efficient thermochromic windows. *Applied Surface Science*, **2022**, 153267 | 6.7 | 0 |
| 174 | CaF2: A novel electrolyte for all solid-state electrochromic devices. *Environmental Science and Ecotechnology*, **2022**, 10, 100164 | 7.4 | 0 |
| 173 | Investigation on Solar Absorption and Thermal Emittance of Al Films Deposited by Magnetron Sputtering. *Coatings*, **2022**, 12, 17 | 2.9 | 0 |
| 172 | A universal approach to fabricating infrared-shielding smart coatings based on vanadium dioxide. *Solar Energy Materials and Solar Cells*, **2022**, 241, 111728 | 6.4 | 0 |
| 171 | Iridescent Daytime Radiative Cooling with No Absorption Peaks in the Visible Range.. *Small*, **2022**, e2202400 | 11 | 5 |
| 170 | Preparation of Polyimide Films with Ultra-Low Dielectric Constant by Phase Inversion. *Crystals*, **2021**, 11, 1383 | 2.3 | 1 |
| 169 | MgF2 as abundant and environmentally friendly electrolytes for high performance electrochromic devices. *Journal of Materiomics*, **2021**, 7, 1318-1323 | 6.7 | 2 |
| 168 | Multicolored absorbing nickel oxide films based on anodic electrochromism and structural coloration. *Journal of Applied Physics*, **2021**, 129, 123105 | 2.5 | 2 |
| 167 | Flexible Daytime Radiative Cooling Enhanced by Enabling Three-Phase Composites with Scattering Interfaces between Silica Microspheres and Hierarchical Porous Coatings. *ACS Applied Materials & Interfaces*, **2021**, 13, 19282-19290 | 9.5 | 15 |
| 166 | Effect of Unit Cell Shape on Switchable Infrared Metamaterial VO Absorbers/Emitters. *Research*, **2021**, 2021, 9804183 | 7.8 | 3 |
| 165 | Smart Materials for Dynamic Thermal Radiation Regulation. *Small*, **2021**, 17, e2100446 | 11 | 19 |

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| 164 | Lithiation of Single-Crystalline Ge(111) and Si(111) Investigated by X-ray Photoelectron Spectroscopy. *Journal of Physical Chemistry C*, **2021**, 125, 13501-13507 | 3.8 | 1 |
| 163 | All-solid-state electrochromic devices based on the LiAlSiO4 electrolyte. *Materials Letters*, **2021**, 292, 129592 | 3.3 | 2 |
| 162 | Long life all-solid-state electrochromic devices by annealing. *Solar Energy Materials and Solar Cells*, **2021**, 224, 110992 | 6.4 | 6 |
| 161 | High-performance polyethylene dissolved oxygen sensor with a petallike surface. *Colloid and Polymer Science*, **2021**, 299, 1439-1446 | 2.4 | 0 |
| 160 | Bioinspired Microstructured Materials for Optical and Thermal Regulation. *Advanced Materials*, **2021**, 33, e2000697 | 24 | 33 |
| 159 | Mechanical, dielectric and thermal properties of polyimide films with sandwich structure. *Composite Structures*, **2021**, 261, 113305 | 5.3 | 13 |
| 158 | S, O dual-doped porous carbon derived from activation of waste papers as electrodes for high performance lithium ion capacitors. *Nanoscale Advances*, **2021**, 3, 738-746 | 5.1 | 2 |
| 157 | Fabrication and performances of double-sided HfO2 anti-reflection films with ultra-high infrared transmittance. *Journal of Alloys and Compounds*, **2021**, 858, 158337 | 5.7 | 8 |
| 156 | Achieving variable infrared emissivity modulation regions of poly(aniline) films:the effect of film surface morphology on the optical tunability. *Dyes and Pigments*, **2021**, 187, 109084 | 4.6 | 6 |
| 155 | The infrared optical performance of VO2 film prepared by HiPIMS. *Materials Chemistry and Physics*, **2021**, 259, 124042 | 4.4 | 8 |
| 154 | Preparation of Sn-NiO films and all-solid-state devices with enhanced electrochromic properties by magnetron sputtering method. *Electrochimica Acta*, **2021**, 367, 137457 | 6.7 | 12 |
| 153 | Constructing nanoporous Ni foam current collectors for stable lithium metal anodes. *Journal of Energy Chemistry*, **2021**, 58, 124-132 | 12 | 6 |
| 152 | Morphology regulation of Ga particles from ionic liquids and their lithium storage properties. *New Journal of Chemistry*, **2021**, 45, 4408-4413 | 3.6 | 2 |
| 151 | In situ XRD and operando spectra-electrochemical investigation of tetragonal WO3-x nanowire networks for electrochromic supercapacitors. *NPG Asia Materials*, **2021**, 13, | 10.3 | 9 |
| 150 | Sprayable Ultrablack Coating Based on Hollow Carbon Nanospheres. *ACS Applied Nano Materials*, **2021**, 4, 7995-8002 | 5.6 | 1 |
| 149 | Passive radiative temperature regulator: Principles and absorption-emission manipulation. *Solar Energy Materials and Solar Cells*, **2021**, 229, 111143 | 6.4 | 2 |
| 148 | Annealing effect on the electrochromic properties of amorphous WO3 films in Mg2+ based electrolytes. *Materials Chemistry and Physics*, **2021**, 270, 124745 | 4.4 | 1 |
| 147 | Highly robust, transparent, and conductive films based on AgNW-C nanowires for flexible smart windows. *Applied Surface Science*, **2021**, 559, 149846 | 6.7 | 8 |

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| 146 | Electro-emissive device based on novel PANI/Au composite films with neoteric mosaic structure for infrared stealth and thermal radiation control. *Electrochimica Acta*, **2021**, 390, 138891 | 6.7 | 2 |
| 145 | Bio-inspired electrochromic skin based on tungsten oxide. *Solar Energy Materials and Solar Cells*, **2021**, 230, 111195 | 6.4 | 4 |
| 144 | High-performance and robust dual-function electrochromic device for dynamic thermal regulation and electromagnetic interference shielding. *Chemical Engineering Journal*, **2021**, 422, 130064 | 14.7 | 3 |
| 143 | Co-electrodeposited Al-Ga composite electrode from ionic liquid with volume expansion adaptability in energy storage. *Materials Letters*, **2021**, 303, 130484 | 3.3 | 0 |
| 142 | Reflective Property of Inorganic Electrochromic Materials. *Wuji Cailiao Xuebao/Journal of Inorganic Materials*, **2021**, 36, 451 | 1 | 2 |
| 141 | A large-area, flexible, high contrast and long-life stable solid-state electrochromic device driven by an anion-assisted method. *Journal of Materials Chemistry C*, **2021**, 9, 1641-1648 | 7.1 | 7 |
| 140 | In Situ Atomic Force Microscopic Studies of LiFSI-[Py1,4]FSI Interfacial Nanostructure on Au(111): Solid Electrolyte Interphase and Lithium Underpotential Deposition. *Journal of Physical Chemistry C*, **2021**, 125, 27140-27147 | 3.8 | 1 |
| 139 | Multilayered SiO2/Si3N4 photonic emitter to achieve high-performance all-day radiative cooling. *Solar Energy Materials and Solar Cells*, **2020**, 212, 110584 | 6.4 | 35 |
| 138 | Electrodeposition of a continuous, dendrite-free aluminum film from an ionic liquid and its electrochemical properties. *Journal of Materials Science: Materials in Electronics*, **2020**, 31, 9937-9945 | 2.1 | 6 |
| 137 | Effect of independently controllable electrolyte ion content on the performance of all-solid-state electrochromic devices. *Chemical Engineering Journal*, **2020**, 398, 125628 | 14.7 | 14 |
| 136 | Flexible fiber-shaped lithium and sodium-ion batteries with exclusive ion transport channels and superior pseudocapacitive charge storage. *Journal of Materials Chemistry A*, **2020**, 8, 11155-11164 | 13 | 4 |
| 135 | Novel aniline and haloaniline binary copolymer films for electro-emissive devices. *Materials Chemistry and Physics*, **2020**, 248, 122866 | 4.4 | 4 |
| 134 | An electrochromic supercapacitor based on an MOF derived hierarchical-porous NiO film. *Nanoscale* , **2020**, 12, 8934-8941 | 7.7 | 70 |
| 133 | Robust and Flexible Colloidal Photonic Crystal Films with Bending Strain‐Independent Structural Colors for Anticounterfeiting. *Particle and Particle Systems Characterization*, **2020**, 37, 1900495 | 3.1 | 6 |
| 132 | Preparation and performance of fast-response ITO/Li-NiO/Li-WO3/ITO all-solid-state electrochromic devices by evaporation method. *Materials Letters*, **2020**, 265, 127464 | 3.3 | 19 |
| 131 | All solid state electrochromic devices based on the LiF electrolyte. *Chemical Communications*, **2020**, 56, 5018-5021 | 5.8 | 16 |
| 130 | Mechanical, Dielectric, and Thermal Attributes of Polyimides Stemmed Out of 4, 4′‐Diaminodiphenyl Ether. *Crystals*, **2020**, 10, 173 | 2.3 | 3 |
| 129 | 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. *ACS Applied Materials & Interfaces*, **2020**, 12, 7302-7309 | 9.5 | 25 |

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| 128 | Hierarchical structure N, O-co-doped porous carbon/carbon nanotube composite derived from coal for supercapacitors and CO2 capture. *Nanoscale Advances*, **2020**, 2, 878-887 | 5.1 | 19 |
| 127 | Ultra-tough and highly ordered macroscopic fiber assembly from 2D functional metal oxide nanosheet liquid crystals and strong ionic interlayer bridging. *Nanoscale*, **2020**, 12, 1374-1383 | 7.7 | 3 |
| 126 | X-ray Photoelectron Spectroscopy Probing of the Interphase between Solid-State Sulfide Electrolytes and a Lithium Anode. *Journal of Physical Chemistry C*, **2020**, 124, 300-308 | 3.8 | 14 |
| 125 | A visible-to-infrared broadband flexible electrochromic device based polyaniline for simultaneously variable optical and thermal management. *Solar Energy Materials and Solar Cells*, **2020**, 208, 110356 | 6.4 | 20 |
| 124 | A nano-Ge-coated 3D porous carbon fabricated by ionic liquid electrodeposition for application in lithium storage. *Materials Letters*, **2020**, 261, 127157 | 3.3 | 5 |
| 123 | Highly-conductive porous poly(ether ether ketone) electrolyte membranes for flexible electrochromic devices with variable infrared emittance. *Electrochimica Acta*, **2020**, 332, 135357 | 6.7 | 11 |
| 122 | Effect of ionic liquid electrolytes on the electrochemical stability and optical tunability of polyaniline-based infrared variable emittance devices. *Electrochimica Acta*, **2020**, 358, 136935 | 6.7 | 1 |
| 121 | N-doped two-dimensional ultrathin NiO nanosheets for electrochromic supercapacitor. *Journal of Materials Science: Materials in Electronics*, **2020**, 31, 20611-20619 | 2.1 | 6 |
| 120 | In Situ Preparation of VO2 Films with Controlled Ionized Flux Density in HiPIMS and Their Regulation of Thermal Radiance. *ACS Applied Electronic Materials*, **2020**, 2, 2203-2210 | 4 | 6 |
| 119 | Preparation of WO3 Films with Controllable Crystallinity for Improved Near-Infrared Electrochromic Performances. *ACS Sustainable Chemistry and Engineering*, **2020**, 8, 11658-11666 | 8.3 | 29 |
| 118 | High Temperature Mechanical Properties of a Vented Ti-6Al-4V Honeycomb Sandwich Panel. *Materials*, **2020**, 13, | 3.5 | 3 |
| 117 | Influence of Coagulation Bath Temperature on the Structure and Dielectric Properties of Porous Polyimide Films in Different Solvent Systems. *ACS Omega*, **2020**, 5, 29889-29895 | 3.9 | 2 |
| 116 | Inorganic all-solid-state electrochromic devices with reversible color change between yellow-green and emerald green. *Chemical Communications*, **2020**, 56, 10062-10065 | 5.8 | 19 |
| 115 | Assembling free-standing and aligned tungstate/MXene fiber for flexible lithium and sodium-ion batteries with efficient pseudocapacitive energy storage. *Energy Storage Materials*, **2020**, 33, 82-87 | 19.4 | 17 |
| 114 | Lithiation of WO3 films by evaporation method for all-solid-state electrochromic devices. *Electrochimica Acta*, **2020**, 355, 136817 | 6.7 | 16 |
| 113 | Doping engineering of the flexible polyaniline electrochromic material through H2SO4–HClO4 multiple acids for the radiation regulation in snow environment. *Journal of Materials Chemistry C*, **2020**, 8, 13336-13341 | 7.1 | 5 |
| 112 | Regulating the pore structure and oxygen vacancies of cobaltosic oxide hollow dodecahedra for an enhanced oxygen evolution reaction. *NPG Asia Materials*, **2020**, 12, | 10.3 | 16 |
| 111 | Dynamically Switchable Multicolor Electrochromic Films. *Small*, **2019**, 15, e1804974 | 11 | 30 |

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| 110 | Preparation and performances of all-solid-state variable infrared emittance devices based on amorphous and crystalline WO3 electrochromic thin films. *Solar Energy Materials and Solar Cells*, **2019**, 200, 109916 | 6.4 | 35 |
| 109 | In situ X-ray photoelectron spectroscopy investigation of the solid electrolyte interphase in a Li/Li6.4Ga0.2La3Zr2O12/LiFePO4 all-solid-state battery. *Journal of Solid State Electrochemistry*, **2019**, 23, 2107-2117 | 2.6 | 12 |
| 108 | Further explore on the behaviors of IR electrochromism of a double layer constructed by proton acid-doped polyaniline film and ITO layer. *Dyes and Pigments*, **2019**, 170, 107570 | 4.6 | 15 |
| 107 | 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. *Journal of Physical Chemistry C*, **2019**, 123, 10325-10332 | 3.8 | 7 |
| 106 | Near-Perfect Selective Photonic Crystal Emitter with Nanoscale Layers for Daytime Radiative Cooling. *ACS Applied Nano Materials*, **2019**, 2, 5512-5519 | 5.6 | 31 |
| 105 | Structural Strategies for Germanium-Based Anode Materials to Enhance Lithium Storage. *Particle and Particle Systems Characterization*, **2019**, 36, 1900248 | 3.1 | 9 |
| 104 | Recent Advances in Colloidal Photonic Crystal-Based Anti-Counterfeiting Materials. *Crystals*, **2019**, 9, 417 | 2.3 | 19 |
| 103 | Further understanding of the mechanisms of electrochromic devices with variable infrared emissivity based on polyaniline conducting polymers. *Journal of Materials Chemistry C*, **2019**, 7, 9878-9891 | 7.1 | 53 |
| 102 | In situ Ga-alloying in germanium nano-twists by the inhibition of fractal growth with fast Li-mobility. *Chemical Communications*, **2019**, 55, 10412-10415 | 5.8 | 2 |
| 101 | Preparation of monolayer hollow spherical tungsten oxide films with enhanced near infrared electrochromic performances. *Electrochimica Acta*, **2019**, 297, 223-229 | 6.7 | 27 |
| 100 | Fabrication of the infrared variable emissivity electrochromic film based on polyaniline conducting polymer. *Synthetic Metals*, **2019**, 248, 88-93 | 3.6 | 20 |
| 99 | Solvothermally reduced graphene oxide/polyimide composites: Structures and thermal and mechanical properties. *Journal of Applied Polymer Science*, **2019**, 136, 47164 | 2.9 | 3 |
| 98 | The influence of temperature on preparing tungsten doped vanadium dioxide films by sol-gel method. *Materials Research Express*, **2019**, 6, 016408 | 1.7 | 8 |
| 97 | Effect of co-solvent on the structure and dielectric properties of porous polyimide membranes. *Journal Physics D: Applied Physics*, **2018**, 51, 215305 | 3 | 9 |
| 96 | 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. *Chemical Engineering Journal*, **2018**, 346, 427-437 | 14.7 | 13 |
| 95 | Patterned polyaniline encapsulated in titania nanotubes for electrochromism. *Physical Chemistry Chemical Physics*, **2018**, 20, 5818-5826 | 3.6 | 13 |
| 94 | Achieving rapid Li-ion insertion kinetics in TiO mesoporous nanotube arrays for bifunctional high-rate energy storage smart windows. *Nanoscale*, **2018**, 10, 3254-3261 | 7.7 | 33 |
| 93 | Facile scalable synthesis of ordered macroporous few-layer MoS2 and carbon hybrid nanoarchitectures with sodium-ion batteries. *Journal of Materials Science: Materials in Electronics*, **2018**, 29, 3492-3501 | 2.1 | 4 |

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| 92 | Controllable crystallinity of nickel oxide film with enhanced electrochromic properties. *Applied Surface Science*, **2018**, 451, 104-111 | 6.7 | 17 |
| 91 | Electrochemical Fabrication and Sensing Application of Multicolored Silver Films. *Advanced Materials Interfaces*, **2018**, 5, 1800277 | 4.6 | 5 |
| 90 | Laser damage resistance of polystyrene opal photonic crystals. *Scientific Reports*, **2018**, 8, 4523 | 4.9 | 2 |
| 89 | Self-supported one-dimensional materials for enhanced electrochromism. *Nanoscale Horizons*, **2018**, 3, 261-292 | 10.8 | 40 |
| 88 | Bifunctional urchin-like WO3@PANI electrodes for superior electrochromic behavior and lithium-ion battery. *Journal of Materials Science: Materials in Electronics*, **2018**, 29, 14803-14812 | 2.1 | 10 |
| 87 | Interactions between Lithium, an Ionic Liquid, and Si(111) Surfaces Studied by X-ray Photoelectron Spectroscopy. *Journal of Physical Chemistry Letters*, **2018**, 9, 4673-4678 | 6.4 | 6 |
| 86 | Template-free growth of coral-like Ge nanorod bundles via UV-assisted ionic liquid electrodeposition. *Journal of Materials Science: Materials in Electronics*, **2018**, 29, 14105-14110 | 2.1 | 3 |
| 85 | Synthesis, spectroscopic and electrochemical characterization of polyurethanes containing triphenylamine derivative. *Polymer Bulletin*, **2018**, 75, 3459-3472 | 2.4 | |
| 84 | Rapid redox kinetics in uniform sandwich-structured mesoporous Nb2O5/graphene/mesoporous Nb2O5 nanosheets for high-performance sodium-ion supercapacitors. *Energy Storage Materials*, **2018**, 13, 223-232 | 19.4 | 87 |
| 83 | Synthesis of Silica Microspheres-Inspired by the Formation of Ice Crystals-With High Homogeneous Particle Sizes and Their Applications in Photonic Crystals. *Materials*, **2018**, 11, | 3.5 | 2 |
| 82 | Effects of Microsphere Size on the Mechanical Properties of Photonic Crystals. *Crystals*, **2018**, 8, 453 | 2.3 | 7 |
| 81 | A Protective Film Produced by Whey Protein for Photonic Crystals: Inspired by the Epidermis Structure of Chameleon. *Journal of Bionic Engineering*, **2018**, 15, 713-721 | 2.7 | 1 |
| 80 | Detection of Homologue and Isomer Vapors through Dynamic Reflection Spectra of Hollow Mesoporous Silica Sphere Photonic Crystals. *Chemistry - an Asian Journal*, **2018**, 13, 3670-3675 | 4.5 | 1 |
| 79 | Enhanced storage capability by biomass-derived porous carbon for lithium-ion and sodium-ion battery anodes. *Sustainable Energy and Fuels*, **2018**, 2, 2358-2365 | 5.8 | 28 |
| 78 | Pyrrolic nitrogen-doped carbon sandwiched monolayer MoS2 vertically anchored on graphene oxide for high-performance sodium-ion battery anodes. *Journal of Solid State Electrochemistry*, **2018**, 22, 2801-2809 | 2.6 | 2 |
| 77 | A facile method for the preparation of W-doped VO 2 films with lowered phase transition temperature, narrowed hysteresis loops and excellent cycle stability. *Materials Chemistry and Physics*, **2018**, 215, 91-98 | 4.4 | 17 |
| 76 | Highly robust and flexible WO3□2H2O/PEDOT films for improved electrochromic performance in near-infrared region. *Solar Energy Materials and Solar Cells*, **2017**, 163, 23-30 | 6.4 | 29 |
| 75 | Assembly of flexible CoMoO@NiMoO□xHO and FeO electrodes for solid-state asymmetric supercapacitors. *Scientific Reports*, **2017**, 7, 41088 | 4.9 | 63 |

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|---|---|---|---|
| 74 | Design, Fabrication and Characterization of Pressure-Responsive Films Based on The Orientation Dependence of Plasmonic Properties of Ag@Au Nanoplates. *Scientific Reports*, **2017**, 7, 1676 | 4.9 | 3 |
| 73 | Graphene nanowires anchored to 3D graphene foam via self-assembly for high performance Li and Na ion storage. *Nano Energy*, **2017**, 37, 108-117 | 17.1 | 128 |
| 72 | Ionic liquid electrodeposition of strain-released Germanium nanowires as stable anodes for lithium ion batteries. *Nanoscale*, **2017**, 9, 8481-8488 | 7.7 | 29 |
| 71 | A comprehensive study of electrochromic device with variable infrared emissivity based on polyaniline conducting polymer. *Solar Energy Materials and Solar Cells*, **2017**, 170, 120-126 | 6.4 | 56 |
| 70 | Recent advances in multifunctional electrochromic energy storage devices and photoelectrochromic devices. *Science China Chemistry*, **2017**, 60, 13-37 | 7.9 | 57 |
| 69 | Facile preparation of double-sided VO2 (M) films with micro-structure and enhanced thermochromic performances. *Solar Energy Materials and Solar Cells*, **2017**, 160, 164-173 | 6.4 | 35 |
| 68 | Three dimensional molybdenum oxide/polyaniline hybrid nanosheet networks with outstanding optical and electrochemical properties. *New Journal of Chemistry*, **2017**, 41, 10872-10879 | 3.6 | 7 |
| 67 | Synthesis of ordered bowl-like polyaniline film with enhanced electrochromic performances. *Synthetic Metals*, **2017**, 232, 111-116 | 3.6 | 20 |
| 66 | Process optimization and optical properties of colloidal self-assembly via refrigerated centrifugation. *Colloid and Polymer Science*, **2017**, 295, 1655-1662 | 2.4 | 10 |
| 65 | Trace detection of homologues and isomers based on hollow mesoporous silica sphere photonic crystals. *Materials Horizons*, **2017**, 4, 862-868 | 14.4 | 21 |
| 64 | A nanostructured Fc(COCH) film prepared using silica monolayer colloidal crystal templates and its electrochromic properties. *Physical Chemistry Chemical Physics*, **2017**, 19, 30756-30761 | 3.6 | 2 |
| 63 | UV-assisted, template-free electrodeposition of germanium nanowire cluster arrays from an ionic liquid for anodes in lithium-ion batteries. *New Journal of Chemistry*, **2017**, 41, 15210-15215 | 3.6 | 9 |
| 62 | Mechanical, electrical and carbonization properties of graphene oxide/polyimide composite films prepared by pre-in situ polymerization. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 14515-14521 | 2.1 | 1 |
| 61 | High-performance dissolved oxygen sensors based on platinum(II) porphyrin embedded in polystyrene beads. *New Journal of Chemistry*, **2017**, 41, 6646-6652 | 3.6 | 6 |
| 60 | Review: recent progress in ordered macroporous electrochromic materials. *Journal of Materials Science*, **2017**, 52, 11251-11268 | 4.3 | 8 |
| 59 | Improved cycling stability of MoS2-coated carbon nanotubes on graphene foam as flexible anodes for lithium-ion batteries. *New Journal of Chemistry*, **2017**, 41, 588-593 | 3.6 | 11 |
| 58 | High sensitivity and accuracy dissolved oxygen (DO) detection by using PtOEP/poly(MMA-co-TFEMA) sensing film. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2017**, 170, 242-6 | 4.4 | 12 |
| 57 | Reduction, dispersity and electrical properties of graphene oxide sheets under low-temperature thermal treatments. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 729-733 | 2.1 | 5 |

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| 56 | Rational selection of amorphous or crystalline VO cathode for sodium-ion batteries. *Physical Chemistry Chemical Physics*, **2016**, 18, 25645-25654 | 3.6 | 41 |
| 55 | Three dimensional hierarchically porous crystalline MnO2 structure design for a high rate performance lithium-ion battery anode. *RSC Advances*, **2016**, 6, 85222-85229 | 3.7 | 14 |
| 54 | PtOEP/PS composite particles based on fluorescent sensor for dissolved oxygen detection. *Materials Letters*, **2016**, 172, 112-115 | 3.3 | 14 |
| 53 | Fluorographene/polyimide composite films: Mechanical, electrical, hydrophobic, thermal and low dielectric properties. *Composites Part A: Applied Science and Manufacturing*, **2016**, 84, 428-434 | 8.4 | 72 |
| 52 | Annealing synthesis of coralline V2O5 nanorod architecture for multicolor energy-efficient electrochromic device. *Solar Energy Materials and Solar Cells*, **2016**, 146, 135-143 | 6.4 | 64 |
| 51 | Preparation of Three-Dimensional Photonic Crystals of Zirconia by Electrodeposition in a Colloidal Crystals Template. *Crystals*, **2016**, 6, 76 | 2.3 | 7 |
| 50 | Pseudocapacitive effect and Li+ diffusion coefficient in three-dimensionally ordered macroporous vanadium oxide for energy storage. *Electrochemistry Communications*, **2016**, 69, 46-49 | 5.1 | 28 |
| 49 | Transferable TiO2 nanotubes membranes formed via anodization and their application in transparent electrochromism. *Solar Energy Materials and Solar Cells*, **2016**, 150, 57-64 | 6.4 | 25 |
| 48 | Self-assembly, structural order and mechanism of □Fe2O3@SiO2 ellipsoids induced by magnetic fields. *New Journal of Chemistry*, **2016**, 40, 9520-9525 | 3.6 | 5 |
| 47 | Facile and controllable construction of vanadium pentoxide@conducting polymer core/shell nanostructures and their thickness-dependent synergistic energy storage properties. *Electrochimica Acta*, **2016**, 222, 194-202 | 6.7 | 9 |
| 46 | Improved Electrochromic Performance of Poly(3,4-ethylenedioxythiophene) by Incorporating a Three-Dimensionally Ordered Macroporous Structure. *Chemistry - an Asian Journal*, **2016**, 11, 2882-2888 | 4.5 | 21 |
| 45 | Ionic liquid electrodeposition of Ge nanostructures on freestanding Ni-nanocone arrays for Li-ion battery. *RSC Advances*, **2015**, 5, 19596-19600 | 3.7 | 8 |
| 44 | Versatile displays based on a 3-dimensionally ordered macroporous vanadium oxide film for advanced electrochromic devices. *Journal of Materials Chemistry C*, **2015**, 3, 3159-3166 | 7.1 | 38 |
| 43 | A rapid-response electrochromic device with significantly enhanced electrochromic performance. *RSC Advances*, **2015**, 5, 803-806 | 3.7 | 23 |
| 42 | Preparation of Ge nanotube arrays from an ionic liquid for lithium ion battery anodes with improved cycling stability. *Chemical Communications*, **2015**, 51, 2064-7 | 5.8 | 60 |
| 41 | The roles of lithium-philic giant nitrogen-doped graphene in protecting micron-sized silicon anode from fading. *Scientific Reports*, **2015**, 5, 15665 | 4.9 | 38 |
| 40 | Novel morphology changes from 3D ordered macroporous structure to V2O5 nanofiber grassland and its application in electrochromism. *Scientific Reports*, **2015**, 5, 16864 | 4.9 | 34 |
| 39 | From Amorphous Macroporous Film to 3D Crystalline Nanorod Architecture: A New Approach to Obtain High-Performance V2O5 Electrochromism. *Advanced Materials Interfaces*, **2015**, 2, 1500230 | 4.6 | 29 |

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| 38 | Adsorption of bovine serum albumin on superparamagnetic composite microspheres with a Fe3O4/SiO2 core and mesoporous SiO2 shell. *RSC Advances*, **2015**, 5, 103760-103766 | 3.7 | 13 |
| 37 | Enhanced Photoresponsivity of a Germanium Single-Nanowire Photodetector Confined within a Superwavelength Metallic Slit. *ACS Photonics*, **2014**, 1, 483-488 | 6.3 | 13 |
| 36 | Heat Transfer Characteristics of an Innovative Thermal Protection System Based on Photonic Crystals. *Heat Transfer Engineering*, **2014**, 35, 583-588 | 1.7 | 1 |
| 35 | Enhancement and wettability of self-assembled GO sheets as interfacial layers of CF/PI composites. *RSC Advances*, **2014**, 4, 7511 | 3.7 | 6 |
| 34 | Preparation, characterization and properties of amine-functionalized silicon carbide/polyimide composite films. *RSC Advances*, **2014**, 4, 28456 | 3.7 | 19 |
| 33 | Preparation and magnetic properties of □Fe2O3@SiO2 core shell ellipsoids with different aspect ratios. *New Journal of Chemistry*, **2014**, 38, 4351 | 3.6 | 18 |
| 32 | Fabrication, structure and mechanism of reduced graphene oxide-based carbon composite films. *Journal of Materials Chemistry A*, **2014**, 2, 10502 | 13 | 8 |
| 31 | One-pot preparation of crystalline-amorphous double-layer structured WO 3 films and their electrochromic properties. *Electrochimica Acta*, **2014**, 148, 46-52 | 6.7 | 18 |
| 30 | Catalytic and enhanced effects of silicon carbide nanoparticles on carbonization and graphitization of polyimide films. *RSC Advances*, **2014**, 4, 42569-42576 | 3.7 | 12 |
| 29 | Improved electrochromic performance and lithium diffusion coefficient in three-dimensionally ordered macroporous V2O5 films. *Journal of Materials Chemistry C*, **2014**, 2, 3651-3658 | 7.1 | 99 |
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