# Jinsheng Zhao

List of Publications by Year
in descending order

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| | | 186265 | 243625 |
|---|---|---|---|
| 137 | 2,935 | 28 | 44 |
| papers | citations | h-index | g-index |

| | | | |
|---|---|---|---|
| 137 | 137 | 137 | 3083 |
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | N, P, O co-doped carbon filling into carbon nitride microtubes to promote photocatalytic hydrogen production. Science of the Total Environment, 2022, 809, 151114. | 8.0 | 22 |
| 2 | Enhanced photocatalytic CO2-reduction activity to form CO and CH4 on S-scheme heterostructured ZnFe2O4/Bi2MoO6 photocatalyst. Journal of Colloid and Interface Science, 2022, 608, 2213-2223. | 9.4 | 48 |
| 3 | Fabrication of hierarchical flower-shaped cobalt silicate spheres with boosting performance for lithium storage. Microporous and Mesoporous Materials, 2022, , 111662. | 4.4 | 3 |
| 4 | Improved respond speed of thienylene-phenylene electrochromic polymer with pendent double bond structure. Dyes and Pigments, 2022, 198, 110010. | 3.7 | 8 |
| 5 | Triazine-Based Conjugated Microporous Polymers With Different Linkage Units for Visible Lightâ€“Driven Hydrogen Evolution. Frontiers in Chemistry, 2022, 10, 854018. | 3.6 | 11 |
| 6 | Conjugated microporous polymer derived N, O and S co-doped sheet-like carbon materials as anode materials for high-performance lithium-ion batteries. Journal of the Taiwan Institute of Chemical Engineers, 2022, 134, 104293. | 5.3 | 10 |
| 7 | Electrochromic behaviors of novel conjugated copolymers based on [1,2,5]thiadiazolo[3,4-g]quinoxaline, carbazole and cyclopentadithiophene units: Multicolor, double-doping and low band gap. Organic Electronics, 2022, 105, 106514. | 2.6 | 5 |
| 8 | Construction of ternary Z-scheme covalent triazine framework@Au@TiO2 for enhanced visible-light-driven hydrogen evolution activity. International Journal of Hydrogen Energy, 2022, 47, 18334-18346. | 7.1 | 7 |
| 9 | A heterostructured ZnAl-LDH@ZIF-8 hybrid as a bifunctional photocatalyst/adsorbent for CO2 reduction under visible light irradiation. Chemical Engineering Journal, 2022, 446, 137003. | 12.7 | 27 |
| 10 | Preparation and electrochemical properties of benzothiadiazole-benzotriazole donor-acceptor conductive polymer lithium-ion anode materials. Synthetic Metals, 2022, 289, 117112. | 3.9 | 8 |
| 11 | Anchoring NiO Nanosheet on the Surface of CNT to Enhance the Performance of a Li-O2 Battery. Nanomaterials, 2022, 12, 2386. | 4.1 | 2 |
| 12 | Preparation of D-A-D conjugated polymers based on [1,2,5]thiadiazolo[3,4-c]pyridine and thiophene derivatives and their electrochemical properties as anode materials for lithium-ion batteries. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 651, 129707. | 4.7 | 8 |
| 13 | Maroon-green-indigo color switching of thienoisoindigo-based electrochromic copolymers with high optical contrast. Journal of the Taiwan Institute of Chemical Engineers, 2022, 138, 104442. | 5.3 | 6 |
| 14 | Thienylmethylene Oxindole Based Conjugated Polymers via Direct Arylation Polymerization and Their Electrochromic Properties. Chinese Journal of Polymer Science (English Edition), 2021, 39, 147-153. | 3.8 | 2 |
| 15 | ZnO/Acrylic Polyurethane Nanocomposite Superhydrophobic Coating on Aluminum Substrate Obtained via Spraying and Co-Curing for the Control of Marine Biofouling. Surfaces and Interfaces, 2021, 22, 100833. | 3.0 | 18 |
| 16 | Synthesis and characterization of donorâ€“acceptor type quinoxaline-based polymers and the corresponding electrochromic devices with satisfactory open circuit memory. Synthetic Metals, 2021, 271, 116619. | 3.9 | 18 |
| 17 | The synthesis of alternating donorâ€“acceptor polymers based on pyrene-4,5,9,10-tetraone and thiophene derivatives, their composites with carbon, and their lithium storage performances as anode materials. RSC Advances, 2021, 11, 15044-15053. | 3.6 | 14 |
| 18 | TiO2 Nanowires with Doped g-C3N4 Nanoparticles for Enhanced H2 Production and Photodegradation of Pollutants. Nanomaterials, 2021, 11, 254. | 4.1 | 5 |

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|---|---|---|---|
| 19 | The synthesis of triazineâ€“thiopheneâ€“thiophene conjugated porous polymers and their composites with carbon as anode materials in lithium-ion batteries. RSC Advances, 2021, 11, 10688-10698. | 3.6 | 21 |
| 20 | The synthesis of the D-A-type polymers containing benzo[1,2-b:6,5-bâ€²]dithiophene-4,5-dione unit, their composites with carbon, and the lithium storage performances as electrode materials. Journal of Solid State Electrochemistry, 2021, 25, 1847-1859. | 2.5 | 10 |
| 21 | Novel Thiadiazolobenzotriazole Based Donorâ€“Acceptor Type Conjugated Polymers as Neutral Green Electrochromic Materials. Macromolecular Chemistry and Physics, 2021, 222, 2100037. | 2.2 | 3 |
| 22 | Preparation of ZnO Nanoparticle/Acrylic Resin Superhydrophobic Coating via Blending Method and Its Wear Resistance and Antibacterial Properties. Materials, 2021, 14, 3775. | 2.9 | 8 |
| 23 | Synthesis and characterization of D-A type electrochromic polymers based on planar monomers: Cyclopenta[2,1-b;3,4-bâ€²]dithiophene and tris(thienothiophene) as electron donors, diketopyrrolopyrrole as electron acceptor. Synthetic Metals, 2021, 278, 116839. | 3.9 | 10 |
| 24 | Synthesis of the novel thienoisoindigo-based donor-acceptor type conjugated polymers and the stable switching performance of purple-to-transparent as the electrochromic materials. Organic Electronics, 2021, 95, 106183. | 2.6 | 11 |
| 25 | Study on Adsorption Behavior of Nickel Ions Using Silica-Based Sandwich Layered Zirconium-Titanium Phosphate Prepared by Layer-by-Layer Grafting Method. Nanomaterials, 2021, 11, 2314. | 4.1 | 7 |
| 26 | The Synthesis of a Covalent Organic Framework from Thiophene Armed Triazine and EDOT and Its Application as Anode Material in Lithium-Ion Battery. Polymers, 2021, 13, 3300. | 4.5 | 5 |
| 27 | Effect of the cross-linker length of thiophene units on photocatalytic hydrogen production of triazine-based conjugated microporous polymers. RSC Advances, 2021, 12, 708-718. | 3.6 | 16 |
| 28 | Synthesis and characterization of soluble donor-acceptor type copolymers based on benzotriazole, quinoxaline and benzene units with multicolor electrochromism. Organic Electronics, 2020, 77, 105514. | 2.6 | 14 |
| 29 | Highly Crystallized C-Doped Nickel Oxide Nanoparticles for p-Type Dye-Sensitized Solar Cells with Record Open-Circuit Voltage Breaking 0.5 V. Industrial & Engineering Chemistry Research, 2020, 59, 175-182. | 3.7 | 3 |
| 30 | Core-shell structured Ni3S2@VO2 nanorods grown on nickel foam as battery-type materials for supercapacitors. Applied Surface Science, 2020, 508, 144876. | 6.1 | 26 |
| 31 | Rational design of novel isoindigo based donorâ€“acceptor type conjugated polymers with low bandgaps as solution-processed high-performance electrochromic materials. Synthetic Metals, 2020, 270, 116589. | 3.9 | 7 |
| 32 | Fe-MOF-Derived Efficient ORR/OER Bifunctional Electrocatalyst for Rechargeable Zincâ€“Air Batteries. ACS Applied Materials & Interfaces, 2020, 12, 44710-44719. | 8.0 | 152 |
| 33 | Electrochemical performance and storage mechanism study of conjugate donorâ€“acceptor organic polymers as anode materials of lithium-ion battery. Energy Reports, 2020, 6, 2094-2105. | 5.1 | 21 |
| 34 | Ionic liquid crystal induced morphological control of solid composite polymer electrolyte for lithium-ion batteries. Materials and Design, 2020, 192, 108760. | 7.0 | 22 |
| 35 | One-step synthesis and Gd3+ decoration of BiOBr microspheres consisting of nanosheets toward improving photocatalytic reduction of CO2 into hydrocarbon fuel. Chemical Engineering Journal, 2020, 400, 125944. | 12.7 | 88 |
| 36 | A MnO2-based catalyst with H2O resistance for NH3-SCR: Study of catalytic activity and reactants-H2O competitive adsorption. Applied Catalysis B: Environmental, 2020, 270, 118860. | 20.2 | 159 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Fabrication of NiO-NiMoO4/PPy microspheres as high-performance anode material for lithium-ion battery. Ionics, 2020, 26, 3823-3830. | 2.4 | 5 |
| 38 | Carbon nitride quantum dots (CNQDs)/TiO2 nanoparticle heterojunction photocatalysts for enhanced ultraviolet-visible-light-driven bisphenol a degradation and H2 production. International Journal of Hydrogen Energy, 2020, 45, 22534-22544. | 7.1 | 30 |
| 39 | Color tuning for black-to-transmissive conjugated copolymer with excellent electrochromic properties via electrochemical copolymerization of two donor-acceptor type monomers. Materials and Design, 2020, 194, 108903. | 7.0 | 26 |
| 40 | Ultra-low-band gap thienoisoindigo-based ambipolar type neutral green copolymers with ProDOT and thiophene units as NIR electrochromic materials. Organic Electronics, 2020, 81, 105685. | 2.6 | 19 |
| 41 | Insights into the role of an Feâ€“N active site in the oxygen reduction reaction on carbon-supported supramolecular catalysts. RSC Advances, 2020, 10, 8709-8716. | 3.6 | 11 |
| 42 | La2O3-modified graphite carbon nitride achieving the enhanced photocatalytic degradation of different organic pollutants under visible light irradiation. Materials Chemistry and Physics, 2020, 246, 122846. | 4.0 | 25 |
| 43 | Soluble neutral green-colored polymers based on propylenedioxythiophene, benzene and thieno[3,4-b]pyrazine, and their electrochromic properties. Synthetic Metals, 2020, 261, 116320. | 3.9 | 16 |
| 44 | Preparation of CdS Nanoparticles-TiO2 Nanorod Hererojunction and Their High-Performance Photocatalytic Activity. Catalysts, 2020, 10, 441. | 3.5 | 5 |
| 45 | Preparation and Characterization of Nitrogen-Riched Polymer Based Materials and the Role of Cuâ€“N Active Site in Promoting the ORR Activity of the Catalyst. Catalysis Surveys From Asia, 2020, 24, 219-231. | 2.6 | 6 |
| 46 | High Pt utilization efficiency of electrocatalysts for oxygen reduction reaction in alkaline media. Catalysis Today, 2019, 332, 101-108. | 4.4 | 28 |
| 47 | Tuning the morphology of the active layer of organic solar cells by spin 1/2 radicals. New Journal of Chemistry, 2019, 43, 13998-14008. | 2.8 | 4 |
| 48 | Design of Morphology-Controllable ZnO Nanorods/Nanopariticles Composite for Enhanced Performance of Dye-Sensitized Solar Cells. Nanomaterials, 2019, 9, 931. | 4.1 | 12 |
| 49 | Synthesis and characterization of D-A type conjugated electrochromic polymers with cross-linked structure employing a novel and multi-functionalized molecular as the acceptor unit. Journal of Electroanalytical Chemistry, 2019, 848, 113276. | 3.8 | 5 |
| 50 | Design and Characterization of New Dâ€“A Type Electrochromic Conjugated Copolymers Based on Indolo[3,2-b]Carbazole, Isoindigo and Thiophene Units. Polymers, 2019, 11, 1626. | 4.5 | 19 |
| 51 | Synthesis of Flower-Like g-C3N4/BiOBr and Enhancement of the Activity for the Degradation of Bisphenol A Under Visible Light Irradiation. Frontiers in Chemistry, 2019, 7, 649. | 3.6 | 34 |
| 52 | Fluorometric sensing of pH values using green-emitting black phosphorus quantum dots. Mikrochimica Acta, 2019, 186, 640. | 5.0 | 20 |
| 53 | Supramolecular Iron Complex Formed Between Nitrogen Riched Phenanthroline Derivative and Iron With Improved Oxygen Reduction Activity in Alkaline Electrolyte. Frontiers in Chemistry, 2019, 7, 622. | 3.6 | 6 |
| 54 | Isobaric Vaporâ€“Liquid Equilibria of Binary Mixtures of Diethyl Carbonate with Methyl Acetate, n-Propyl Acetate, or Amyl Acetate at 100.17 kPa. Journal of Chemical & Engineering Data, 2019, 64, 2550-2557. | 1.9 | 11 |

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|---|---|---|---|
| 55 | Synthesis and electrochromic properties of cross-linked and soluble conjugated polymers based on 5, 8, 14, 17-tetrabromoquinoxaline[2â€², 3':9,10]phenanthro[4,5-abc]phenazine as the multifunctionalized acceptor unit. Organic Electronics, 2019, 73, 43-54. | 2.6 | 19 |
| 56 | One Simple Strategy towards Nitrogen and Oxygen Codoped Carbon Nanotube for Efficient Electrocatalytic Oxygen Reduction and Evolution. Catalysts, 2019, 9, 159. | 3.5 | 9 |
| 57 | Preparation of N-Doped Carbon Nanosheets from Sewage Sludge for Adsorption Studies of Cr(VI) from Aqueous Solution. Nanomaterials, 2019, 9, 265. | 4.1 | 16 |
| 58 | Yellow-to-blue switching of indole[3,2-b]carbazole-based electrochromic polymers and the corresponding electrochromic devices with outstanding photopic contrast, fast switching speed, and satisfactory cycling stability. Electrochimica Acta, 2019, 302, 373-384. | 5.2 | 18 |
| 59 | Synthesis and Characterization of Novel D-A Type Neutral Blue Electrochromic Polymers Containing Pyrrole[3-c]Pyrrole-1,4-Diketone as the Acceptor Units and the Aromatics Donor Units with Different Planar Structures. Polymers, 2019, 11, 2023. | 4.5 | 11 |
| 60 | A dinuclear cobalt cluster as electrocatalyst for oxygen reduction reaction. RSC Advances, 2019, 9, 42554-42560. | 3.6 | 7 |
| 61 | Facile construction of a molybdenum disulphide/zinc oxide nanosheet hybrid for an advanced photocatalyst. Journal of Alloys and Compounds, 2019, 778, 761-767. | 5.5 | 16 |
| 62 | 2D Schottky Junction between Graphene Oxide and Transitionâ€Metal Dichalcogenides: Photoresponsive Properties and Electrocatalytic Performance. Advanced Materials Interfaces, 2019, 6, 1801657. | 3.7 | 13 |
| 63 | Synthesis and electrochromic properties of electrochromic polymers based on propylenedioxythiophene, diketopyrrolopyrrole and benzodithiophene units. Organic Electronics, 2019, 64, 223-235. | 2.6 | 37 |
| 64 | Earth-abundant Fe<sub>1â^'x</sub>S@S-doped graphene oxide nanoâ€“micro composites as high-performance cathode catalysts for green solar energy utilization: fast interfacial electron exchange. RSC Advances, 2018, 8, 4340-4347. | 3.6 | 13 |
| 65 | Tuning band gap, color switching, optical contrast, and redox stability in solution-processable BDT-based electrochromic materials. Organic Electronics, 2018, 54, 94-103. | 2.6 | 29 |
| 66 | Aqueous Solution-Processed Multifunctional SnO2 Aggregates for Highly Efficient Dye-Sensitized Solar Cells. Industrial & Engineering Chemistry Research, 2018, 57, 7136-7145. | 3.7 | 11 |
| 67 | Effects of Pyrazine Derivatives and Substituted Positions on the Photoelectric Properties and Electromemory Performance of Dâ€“Aâ€“D Series Compounds. Materials, 2018, 11, 2063. | 2.9 | 9 |
| 68 | Design of SnO2 Aggregate/Nanosheet Composite Structures Based on Function-Matching Strategy for Enhanced Dye-Sensitized Solar Cell Performance. Materials, 2018, 11, 1774. | 2.9 | 9 |
| 69 | The synthesis of phenanthroline and bipyridine based ligand for the preparation of Fe-Nx/C type electrocatalyst for oxygen reduction. International Journal of Hydrogen Energy, 2018, 43, 21810-21823. | 7.1 | 18 |
| 70 | Band-Gap Tuning of Organicâ€“Inorganic Hybrid Palladium Perovskite Materials for a Near-Infrared Optoelectronics Response. ACS Omega, 2018, 3, 13960-13966. | 3.5 | 29 |
| 71 | Synthesis, Crystal Structure, UVâ€“Vis Adsorption Properties, Photoelectric Behavior, and DFT Computational Study of All-Inorganic and Lead-Free Copper Halide Salt K<sub>2</sub>Cu<sub>2</sub>Cl<sub>6</sub>. ACS Omega, 2018, 3, 14021-14026. | 3.5 | 17 |
| 72 | Tuning Ni-Foam into NiOOH/FeOOH Heterostructures toward Superior Water Oxidation Catalyst via Three-Step Strategy. ACS Omega, 2018, 3, 11009-11017. | 3.5 | 29 |

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|---|---|---|---|
| 73 | Synthesis and characterization of novel donorâ€“acceptor type electrochromic polymers containing diketopyrrolopyrrole as an acceptor and propylenedioxythiophene or indacenodithiophene as a donor. RSC Advances, 2018, 8, 23119-23129. | 3.6 | 14 |
| 74 | Boosting the capacitance of NiCo2O4 hierarchical structures on nickel foam in supercapacitors. International Journal of Hydrogen Energy, 2018, 43, 15348-15357. | 7.1 | 21 |
| 75 | Benzothiadiazole, hexylthiophen and alkoxy benzene based solution processable copolymer: Effect of the electron withdrawing substituents (fluorine atoms) on electrochemical, optical and electrochromic properties. Organic Electronics, 2018, 61, 1-9. | 2.6 | 23 |
| 76 | Donor-Acceptor-Type Copolymers Based on 3,4-Propylenedioxy-thiophene and 5,6-Difluorobenzotriazole: Synthesis and Electrochromic Properties. Polymers, 2018, 10, 427. | 4.5 | 15 |
| 77 | Au Cu alloys deposited on titanium dioxide nanosheets for efficient photocatalytic hydrogen evolution. International Journal of Hydrogen Energy, 2018, 43, 15155-15163. | 7.1 | 19 |
| 78 | Carbon-Supported Copper-Based Nitrogen-Containing Supramolecule as an Efficient Oxygen Reduction Reaction Catalyst in Neutral Medium. Catalysts, 2018, 8, 53. | 3.5 | 26 |
| 79 | The Effects of Coordinated Molecules of Two Gly-Schiff Base Copper Complexes on Their Oxygen Reduction Reaction Performance. Catalysts, 2018, 8, 156. | 3.5 | 6 |
| 80 | Carbon Supported Multi-Branch Nitrogen-Containing Polymers as Oxygen Reduction Catalysts. Catalysts, 2018, 8, 245. | 3.5 | 14 |
| 81 | Effects of Fluoro Substitution on the Electrochromic Performance of Alternating Benzotriazole and Benzothiadiazole-Based Donorâ€“Acceptor Type Copolymers. Polymers, 2018, 10, 23. | 4.5 | 11 |
| 82 | Soluble Electrochromic Polymers Incorporating Benzoselenadiazole and Electron Donor Units (Carbazole or Fluorene): Synthesis and Electronic-Optical Properties. Polymers, 2018, 10, 450. | 4.5 | 25 |
| 83 | Titanium dioxide nano-heterostructure with nanoparticles decorating nanowires for high-performance photocatalysis. International Journal of Hydrogen Energy, 2018, 43, 10359-10367. | 7.1 | 18 |
| 84 | Low defects, large area and high stability of all-inorganic lead halide perovskite CsPbBr<sub>3</sub> thin films with micron-grains via heat-spraying process for self-driven photodetector. RSC Advances, 2018, 8, 29089-29095. | 3.6 | 21 |
| 85 | Synthesis and characterization of novel donorâ€“acceptor type neutral green electrochromic polymers containing an indolo[3,2-b]carbazole donor and diketopyrrolopyrrole acceptor. RSC Advances, 2018, 8, 21252-21264. | 3.6 | 25 |
| 86 | The optimization of donor-to-acceptor feed ratios with the aim of obtaining black-to-transmissive switching polymers based on isoindigo as the electron-deficient moiety. RSC Advances, 2017, 7, 11840-11851. | 3.6 | 36 |
| 87 | Soluble conjugated polymer enriched with pyridinic nitrogen atoms and its application as high-performance catalyst for oxygen reduction. Journal of Solid State Electrochemistry, 2017, 21, 1639-1651. | 2.5 | 9 |
| 88 | Poly (10,12-bis(4-hexylthiophen-2-yl)thieno[3â€²,4â€²:5,6]pyrazino[2,3- f ][1,10] â€“ phenanthroline)-coppler(II) complex as an efficient electrocatalyst for oxygen reduction. Chemical Engineering Journal, 2017, 316, 680-691. | 12.7 | 27 |
| 89 | Effects of the acceptor pattern and substitution position on the properties of N-phenyl-carbazolyl based donorâ€“acceptorâ€“donor molecules. RSC Advances, 2017, 7, 18189-18198. | 3.6 | 10 |
| 90 | Synthesis and electrochemical capacitive performance of thieno[3,4-b]pyrazine-based Donor-Acceptor type copolymers used as supercapacitor electrode material. Electrochimica Acta, 2017, 238, 36-48. | 5.2 | 31 |

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|---|---|---|---|
| 91 | Isobaric Vaporâ€“Liquid Equilibrium for Binary System of Tetrahydrofuran + 1,4-Butanediol and gamma-Butyrolactone at 50.0 and 70.0 kPa. Journal of Chemical & Engineering Data, 2017, 62, 3872-3877. | 1.9 | 5 |
| 92 | Lead-free and amorphous organicâ€“inorganic hybrid materials for photovoltaic applications: mesoscopic CH3NH3MnI3/TiO2 heterojunction. RSC Advances, 2017, 7, 37419-37425. | 3.6 | 24 |
| 93 | High-efficient one-pot synthesis of carbon quantum dots decorating Bi2MoO6 nanosheets heterostructure with enhanced visible-light photocatalytic properties. Journal of Alloys and Compounds, 2017, 723, 333-344. | 5.5 | 68 |
| 94 | From two-dimensional graphene oxide to three-dimensional honeycomb-like Ni <sub>3</sub> S <sub>2</sub> @graphene oxide composite: insight into structure and electrocatalytic properties. Royal Society Open Science, 2017, 4, 171409. | 2.4 | 14 |
| 95 | Synthesis, Characterization and Application of Four Novel Electrochromic Materials Employing Nitrotriphenylamine Unit as the Acceptor and Different Thiophene Derivatives as the Donor. Polymers, 2017, 9, 173. | 4.5 | 15 |
| 96 | The Availability of Neutral Cyan, Green, Blue and Purple Colors from Simple Dâ€“A Type Polymers with Commercially Available Thiophene Derivatives as the Donor Units. Polymers, 2017, 9, 656. | 4.5 | 10 |
| 97 | Multichromic Polymers Containing Alternating Bi(3-Methoxythiophene) and Triphenylamine Based Units with Para-Protective Substituents. Materials, 2016, 9, 779. | 2.9 | 7 |
| 98 | Low Band Gap Donorâ€“Acceptor Type Polymers Containing 2,3-Bis(4-(decyloxy)phenyl)pyrido[4,3-b]pyrazine as Acceptor and Different Thiophene Derivatives as Donors. Polymers, 2016, 8, 377. | 4.5 | 9 |
| 99 | Substituent effect of a donor unit on electrochemical and opto-electronic properties of ambipolar benzotriazole-based polymers. Iranian Polymer Journal (English Edition), 2016, 25, 443-454. | 2.4 | 3 |
| 100 | Layered and Pb-Free Organicâ€“Inorganic Perovskite Materials for Ultraviolet Photoresponse: (010)-Oriented (CH<sub>3</sub>NH<sub>3</sub>)<sub>2</sub>MnCl<sub>4</sub> Thin Film. ACS Applied Materials & Interfaces, 2016, 8, 28187-28193. | 8.0 | 54 |
| 101 | A new electrochromic copolymer which switched between neutral black and oxidized transmissive. RSC Advances, 2016, 6, 80002-80010. | 3.6 | 15 |
| 102 | Two New Bithiophenes Derivatives Multielectrochromic Copolymer Based on Triphenylamine Unit and Their Application for Electrochromic Devices. Bulletin of the Korean Chemical Society, 2016, 37, 1234-1243. | 1.9 | 2 |
| 103 | Optimized Zn<sub>2</sub>SnO<sub>4</sub> nanoparticles with enhanced performance for photodetectors and photocatalysts. RSC Advances, 2016, 6, 69191-69195. | 3.6 | 11 |
| 104 | Synthesis and characterization of donorâ€“acceptor type conducting polymers containing benzotriazole acceptor and benzodithiophene donor or s-indacenodithiophene donor. RSC Advances, 2016, 6, 94014-94023. | 3.6 | 21 |
| 105 | Decyloxyphenyl-substituted quinoxaline-embedded conjugated electrochromic polymers with high switching stability and fast response speed. Chinese Journal of Polymer Science (English Edition), 2016, 34, 407-419. | 3.8 | 7 |
| 106 | Facile Synthesis and High Capacitive Performance of 3D Hierarchical Ni(OH)2 Microspheres. Electrochimica Acta, 2016, 196, 84-91. | 5.2 | 45 |
| 107 | Donorâ€“acceptor type polymers containing the 2,3-bis(2-pyridyl)-5,8-dibromoquinoxaline acceptor and different thiophene donors: electrochemical, spectroelectrochemistry and electrochromic properties. New Journal of Chemistry, 2016, 40, 2178-2188. | 2.8 | 27 |
| 108 | Comparative Study on the Influence of TiO2 Precursors on ZnO-Based Dye-Sensitized Solar Cells. Industrial & Engineering Chemistry Research, 2015, 54, 12639-12645. | 3.7 | 15 |

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|---|---|---|---|
| 109 | The synthesis of new donorâ€“acceptor polymers containing the 2,3-di(2-furyl) quinoxaline moiety: Fast-switching, low-band-gap, p- and n-dopable, neutral green-colored materials. Electrochimica Acta, 2015, 160, 271-280. | 5.2 | 35 |
| 110 | Two novel ambipolar donorâ€“acceptor type electrochromic polymers with the realization of RGB (red-green-blue) display in one polymer. RSC Advances, 2014, 4, 61537-61547. | 3.6 | 23 |
| 111 | Effects of alkyl or alkoxy side chains on the electrochromic properties of four ambipolar donorâ€“acceptor type polymers. RSC Advances, 2014, 4, 52712-52726. | 3.6 | 28 |
| 112 | Donorâ€“acceptor type neutral green polymers containing 2,3-di(5-methylfuran-2-yl) quinoxaline acceptor and different thiophene donors. Electrochimica Acta, 2014, 125, 241-249. | 5.2 | 50 |
| 113 | Ethylene glycol stabilized NaBH4 reduction for preparation carbon-supported Ptâ€“Co alloy nanoparticles used as oxygen reduction electrocatalysts for microbial fuel cells. Journal of Solid State Electrochemistry, 2014, 18, 1087-1097. | 2.5 | 26 |
| 114 | Multichromic polymers containing alternating bithiophenes derivatives and 4-cyanotriphenylamine unit and their application for electrochromic devices. Journal of Electroanalytical Chemistry, 2014, 714-715, 1-10. | 3.8 | 7 |
| 115 | Two New Near-Infrared Switchable Electrochromic Bithiophenes Derivatives Based on 4-Methoxytriphenylamine Unit and Their Application for Electrochromic Devices. ECS Journal of Solid State Science and Technology, 2014, 3, R121-R130. | 1.8 | 5 |
| 116 | Three donor-acceptor polymeric electrochromic materials employing 2,3-bis(4-(decyloxy)phenyl)pyrido[4,3-b]pyrazine as acceptor unit and thiophene derivatives as donor units. Electrochimica Acta, 2014, 146, 231-241. | 5.2 | 52 |
| 117 | Glycerol-stabilized NaBH4 reduction at room-temperature for the synthesis of a carbon-supported PtxFe alloy with superior oxygen reduction activity for a microbial fuel cell. Electrochimica Acta, 2014, 141, 331-339. | 5.2 | 42 |
| 118 | Electrosynthesis and characterization of an electrochromic material from poly(1,6â€bis(2â€thienyl)pyrene) and its application in electrochromic device. Journal of Applied Polymer Science, 2014, 131, . | 2.6 | 2 |
| 119 | Carbon supported polyindole-5-carboxylic acid covalently bonded with pyridine-2,4-diamine copper complex as a non-precious oxygen reduction catalyst. Electrochimica Acta, 2014, 143, 1-9. | 5.2 | 19 |
| 120 | Electrosynthesis and characterization of a donorâ€“acceptor type electrochromic material from poly(4,7-dicarbazol-9-yl-2,1,3-benzothiadia-zole) and its application in electrochromic devices. Thin Solid Films, 2013, 527, 232-238. | 1.8 | 12 |
| 121 | Electrochemical synthesis and investigation of poly(1,4-bis(2-(3,4-ethylenedioxy)thienyl)benzene) and its application in an electrochromic device. Journal of Solid State Electrochemistry, 2012, 16, 3805-3815. | 2.5 | 14 |
| 122 | Star-shaped conjugated systems derived from thienyl-derivatized poly(triphenylamine)s as active materials for electrochromic devices. Journal of Electroanalytical Chemistry, 2012, 677-680, 24-30. | 3.8 | 54 |
| 123 | Triphenylamine-based multielectrochromic material and its neutral green electrochromic devices. Journal of Electroanalytical Chemistry, 2012, 682, 29-36. | 3.8 | 37 |
| 124 | Electrosynthesis and characterization of a novel electrochromic copolymer of N-methylpyrrole with cyclopenta[2,1-b:3,4-bâ€²]dithiophene. Polymer Journal, 2012, 44, 1048-1055. | 2.7 | 8 |
| 125 | Electrosynthesis and characterization of a new multielectrochromic copolymer of 1,4â€bis(2â€thienyl) benzene with 3,4â€ethylenedioxythiophene. Journal of Applied Polymer Science, 2012, 125, 3591-3601. | 2.6 | 3 |
| 126 | Electrochemical synthesis, characterization and electrochromic properties of a copolymer based on 1,4-bis(2-thienyl)naphthalene and pyrene. Optical Materials, 2012, 34, 1095-1101. | 3.6 | 16 |

| # | Article | IF | Citations |
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| 127 | Effects of Acid Treatment of Ptâ^'Ni Alloy Nanoparticles@Graphene on the Kinetics of the Oxygen Reduction Reaction in Acidic and Alkaline Solutions. Journal of Physical Chemistry C, 2011, 115, 379-389. | 3.1 | 138 |
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