

Wei Feng

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/910198/wei-feng-publications-by-year.pdf>

Version: 2024-04-26

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.

127
papers

4,742
citations

34
h-index

66
g-index

141
ext. papers

5,860
ext. citations

8
avg, IF

5.8
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 127 | High-Performance Broadband Photoelectrochemical Photodetectors Based on Ultrathin BiOS Nanosheets.. <i>ACS Applied Materials & Interfaces</i> , 2022 , 14, 7175-7183 | 9.5 | 16 |
| 126 | A facile electrochemical chiral sensor for tryptophan enantiomers based on multiwalled carbon nanotube/hydroxypropyl-β-cyclodextrin functionalized carboxymethyl cellulose. <i>Microchemical Journal</i> , 2022 , 175, 107133 | 4.8 | 3 |
| 125 | Removal of cadmium from rice grains by acid soaking and quality evaluation of decontaminated rice. <i>Food Chemistry</i> , 2022 , 371, 131099 | 8.5 | 1 |
| 124 | All-natural protein-polysaccharide conjugates with bead-on-a-string nanostructures as stabilizers of high internal phase emulsions for 3D printing.. <i>Food Chemistry</i> , 2022 , 388, 133012 | 8.5 | 1 |
| 123 | Broadband self-powered photoelectrochemical photodetector based on Te/Se heterostructure nanocomposites. <i>Composites Communications</i> , 2022 , 32, 101175 | 6.7 | 1 |
| 122 | Half-wave rectified alternating current electrochemical-assembled devices for high-capacity extraction of Pb ²⁺ from dilute wastewater. <i>Journal of Cleaner Production</i> , 2022 , 363, 132531 | 10.3 | 1 |
| 121 | Ultralow Power Optical Synapses Based on MoS Layers by Indium-Induced Surface Charge Doping for Biomimetic Eyes. <i>Advanced Materials</i> , 2021 , 33, e2104960 | 24 | 10 |
| 120 | Biogenic fabrication and enhanced photocatalytic degradation of tetracycline by bio structured ZnO nanoparticles. <i>Environmental Technology (United Kingdom)</i> , 2021 , 1-16 | 2.6 | 2 |
| 119 | Infrared Adaptive Materials: Beyond the Visible: Bioinspired Infrared Adaptive Materials (Adv. Mater. 14/2021). <i>Advanced Materials</i> , 2021 , 33, 2170105 | 24 | |
| 118 | Two-dimensional nanomaterials with engineered bandgap: Synthesis, properties, applications. <i>Nano Today</i> , 2021 , 37, 101059 | 17.9 | 24 |
| 117 | High-Performance van der Waals Metal-Insulator-Semiconductor Photodetector Optimized with Valence Band Matching. <i>Advanced Functional Materials</i> , 2021 , 31, 2104359 | 15.6 | 15 |
| 116 | Simultaneous Refolding of Wheat Proteins and Soy Proteins Forming Novel Antibiotic Superstructures by Carrying Eugenol. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 7698-7708 | 5.7 | 5 |
| 115 | Visible-Light-Driven Bio-Templated Magnetic Copper Oxide Composite for Heterogeneous Photo-Fenton Degradation of Tetracycline. <i>Water (Switzerland)</i> , 2021 , 13, 1918 | 3 | 5 |
| 114 | Optically Triggered Synchronous Heat Release of Phase-Change Enthalpy and Photo-Thermal Energy in Phase-Change Materials at Low Temperatures. <i>Advanced Functional Materials</i> , 2021 , 31, 2008496 | 15.6 | 28 |
| 113 | Fluorinated graphene nanoribbons from unzipped single-walled carbon nanotubes for ultrahigh energy density lithium-fluorinated carbon batteries. <i>Science China Materials</i> , 2021 , 64, 1367-1377 | 7.1 | 5 |
| 112 | Catalytic Removal of Selected Textile Dyes Using Zero-Valent Copper Nanoparticles Loaded on Filter Paper-Chitosan-Titanium Oxide Heterogeneous Support. <i>Journal of Polymers and the Environment</i> , 2021 , 29, 2825-2839 | 4.5 | 3 |
| 111 | Modifying the internal structures of steamed rice cakes by emulsifiers for promoted textural and sensory properties. <i>Food Chemistry</i> , 2021 , 354, 129469 | 8.5 | 2 |

| | | | |
|-----|---|------|----|
| 110 | Rice proteins and cod proteins forming shared microstructures with enhanced functional and nutritional properties. <i>Food Chemistry</i> , 2021 , 354, 129520 | 8.5 | 3 |
| 109 | High internal phase Pickering emulsions stabilized by co-assembled rice proteins and carboxymethyl cellulose for food-grade 3D printing. <i>Carbohydrate Polymers</i> , 2021 , 273, 118586 | 10.3 | 11 |
| 108 | Ultralow Power Optical Synapses Based on MoS ₂ Layers by Indium-Induced Surface Charge Doping for Biomimetic Eyes (Adv. Mater. 52/2021). <i>Advanced Materials</i> , 2021 , 33, 2170409 | 24 | 2 |
| 107 | High-Performance Devices Based on InSe-InGaSe Van der Waals Heterojunctions. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 24978-24983 | 9.5 | 6 |
| 106 | New insights into MnOOH/peroxymonosulfate system for catalytic oxidation of 2,4-dichlorophenol: Morphology dependence and mechanisms. <i>Chemosphere</i> , 2020 , 255, 126961 | 8.4 | 16 |
| 105 | Enhanced Ethanol-Sensing Properties Based on Modified NiO-ZnO Heterojunction Nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , 2020 , 20, 731-740 | 1.3 | 6 |
| 104 | Tunable electronic properties of multilayer InSe by alloy engineering for high performance self-powered photodetector. <i>Journal of Colloid and Interface Science</i> , 2020 , 565, 239-244 | 9.3 | 5 |
| 103 | Contact engineering high-performance ambipolar multilayer tellurium transistors. <i>Nanotechnology</i> , 2020 , 31, 115204 | 3.4 | 7 |
| 102 | One-step facile synthesis of a NiO/ZnO biomorphic nanocomposite using a poplar tree leaf template to generate an enhanced gas sensing platform to detect n-butanol. <i>Journal of Alloys and Compounds</i> , 2020 , 815, 150550 | 5.7 | 22 |
| 101 | Lateral Monolayer MoSe ₂ -WSe ₂ p-n Heterojunctions with Giant Built-In Potentials. <i>Small</i> , 2020 , 16, e2002263 | | 29 |
| 100 | Dataset for NiO/ZnO biomorphic nanocomposite using a poplar tree leaf template to generate an enhanced gas sensing platform to detect n-butanol. <i>Data in Brief</i> , 2020 , 31, 105897 | 1.2 | 2 |
| 99 | Monolayer hydrophilic MoS ₂ with strong charge trapping for atomically thin neuromorphic vision systems. <i>Materials Horizons</i> , 2020 , 7, 3316-3324 | 14.4 | 10 |
| 98 | Multilayer InSe-Te van der Waals Heterostructures with an Ultrahigh Rectification Ratio and Ultrasensitive Photoresponse. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 37313-37319 | 9.5 | 20 |
| 97 | Enhanced Safety and Antitumor Efficacy of Switchable Dual Chimeric Antigen Receptor-Engineered T Cells against Solid Tumors through a Synthetic Bifunctional PD-L1-Blocking Peptide. <i>Journal of the American Chemical Society</i> , 2020 , 142, 18874-18885 | 16.4 | 7 |
| 96 | Protonation-Induced Enhanced Optical-Light Photochromic Properties of an Inorganic-Organic Phosphomolybdic Acid/Polyaniline Hybrid Thin Film. <i>Nanomaterials</i> , 2020 , 10, | 5.4 | 2 |
| 95 | Synthesis of Multilayer InSe _{0.82} Te _{0.18} alloy for high performance near-infrared photodetector. <i>Journal of Alloys and Compounds</i> , 2020 , 815, 152375 | 5.7 | 4 |
| 94 | Mechanism and performance of singlet oxygen dominated peroxymonosulfate activation on CoOOH nanoparticles for 2,4-dichlorophenol degradation in water. <i>Journal of Hazardous Materials</i> , 2020 , 384, 121350 | 12.8 | 78 |
| 93 | Preparation and Gas Sensing Performance of Hierarchical Porous ZnO-based Materials with Sunflower Rods as a Biological Template. <i>Chemical Research in Chinese Universities</i> , 2019 , 35, 755-761 | 2.2 | 4 |

| | | | |
|----|--|------|-----|
| 92 | Inconspicuous Reactions Identified by Improved Precision of Plasmonic Scattering Dark-Field Microscopy Imaging Using Silver Shell-Isolated Nanoparticles as Internal References. <i>Analytical Chemistry</i> , 2019 , 91, 3002-3008 | 7.8 | 10 |
| 91 | Solar Thermal Storage and Room-Temperature Fast Release Using a Uniform Flexible Azobenzene-Grafted Polynorborene Film Enhanced by Stretching. <i>Macromolecules</i> , 2019 , 52, 4222-4231 | 5.5 | 20 |
| 90 | Composite Networks: Stress Controllability in Thermal and Electrical Conductivity of 3D Elastic Graphene-Crosslinked Carbon Nanotube Sponge/Polyimide Nanocomposite (Adv. Funct. Mater. 25/2019). <i>Advanced Functional Materials</i> , 2019 , 29, 1970173 | 15.6 | 4 |
| 89 | An innovative biotransformation to produce resveratrol by .. <i>RSC Advances</i> , 2019 , 9, 15448-15456 | 3.7 | 3 |
| 88 | Phosphomolybdic acid-modified highly organized TiO ₂ nanotube arrays with rapid photochromic performance. <i>Journal of Materials Science and Technology</i> , 2019 , 35, 1951-1958 | 9.1 | 17 |
| 87 | Enhanced Peroxymonosulfate Activation by NiCo _{1-x} OOH for Efficient Catalytic Oxidation of Organic Pollutants. <i>Chemical Research in Chinese Universities</i> , 2019 , 35, 440-448 | 2.2 | 3 |
| 86 | Enhanced photoresponse of monolayer MoS ₂ through hybridization with carbon quantum dots as efficient photosensitizer. <i>2D Materials</i> , 2019 , 6, 035025 | 5.9 | 12 |
| 85 | Synthesis of Superlattice InSe Nanosheets with Enhanced Electronic and Optoelectronic Performance. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 18511-18516 | 9.5 | 10 |
| 84 | Ultraviolet light assisted heterogeneous Fenton degradation of tetracycline based on polyhedral Fe ₃ O ₄ nanoparticles with exposed high-energy {110} facets. <i>Applied Surface Science</i> , 2019 , 485, 496-505 | 6.7 | 31 |
| 83 | High performance UV photodetector based on 2D non-layered CuGaS ₂ nanosheets. <i>Semiconductor Science and Technology</i> , 2019 , 34, 055007 | 1.8 | 10 |
| 82 | Stress Controllability in Thermal and Electrical Conductivity of 3D Elastic Graphene-Crosslinked Carbon Nanotube Sponge/Polyimide Nanocomposite. <i>Advanced Functional Materials</i> , 2019 , 29, 1901383 | 15.6 | 107 |
| 81 | Ultraviolet Light Assisted Hierarchical Porous Fe ₂ O ₃ Catalyzing Heterogeneous Fenton Degradation of Tetracycline Under Neutral Condition with a Low Requirement of H ₂ O ₂ . <i>Chemical Research in Chinese Universities</i> , 2019 , 35, 304-310 | 2.2 | 6 |
| 80 | Instantaneous Visible-light Photochromic Performance of Composite Powders Based on PMoA and ZnO Nanotubes. <i>Chemistry Letters</i> , 2019 , 48, 851-854 | 1.7 | 1 |
| 79 | Cross-Subject EEG Signal Recognition Using Deep Domain Adaptation Network. <i>IEEE Access</i> , 2019 , 7, 128273-128282 | 3.5 | 18 |
| 78 | The regulatory effects of the number of VP(N-vinylpyrrolidone) function groups on macrostructure and photochromic properties of polyoxometalates/copolymer hybrid films. <i>E-Polymers</i> , 2019 , 20, 1-7 | 2.7 | 2 |
| 77 | Photocatalytic activity of Cu ₂ O/ZnO nanocomposite for the decomposition of methyl orange under visible light irradiation. <i>Science and Engineering of Composite Materials</i> , 2019 , 26, 104-113 | 1.5 | 15 |
| 76 | Cobalt, Nitrogen-Doped Porous Carbon Nanosheet-Assembled Flowers from Metal-Coordinated Covalent Organic Polymers for Efficient Oxygen Reduction. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 1384-1393 | 9.5 | 36 |
| 75 | Effective Removal of Tetracycline by Using Biochar Supported Fe ₃ O ₄ as a UV-Fenton Catalyst. <i>Chemical Research in Chinese Universities</i> , 2019 , 35, 79-84 | 2.2 | 8 |

| | | | |
|----|---|------|-----|
| 74 | Enhanced catalytic performance of a bio-templated TiO ₂ UV-Fenton system on the degradation of tetracycline. <i>Applied Surface Science</i> , 2019 , 465, 223-231 | 6.7 | 29 |
| 73 | Visible-light photochromism of phosphomolybdic acid and polyvinyl alcohol by inorganic-organic nanocomposite multilayer films. <i>Composite Interfaces</i> , 2018 , 25, 809-821 | 2.3 | 8 |
| 72 | A fast and zero-biased photodetector based on GaTe/InSe vertical 2D p/n heterojunction. <i>2D Materials</i> , 2018 , 5, 025008 | 5.9 | 59 |
| 71 | Densely packed polymer/boron nitride composite for superior anisotropic thermal conductivity. <i>Polymer Composites</i> , 2018 , 39, E1653-E1658 | 3 | 25 |
| 70 | Phase-Engineering-Driven Enhanced Electronic and Optoelectronic Performance of Multilayer InSe Nanosheets. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 27584-27588 | 9.5 | 30 |
| 69 | Self-Protective Room-Temperature Phosphorescence of Fluorine and Nitrogen Codoped Carbon Dots. <i>Advanced Functional Materials</i> , 2018 , 28, 1800791 | 15.6 | 206 |
| 68 | Visible-light Photochromism of Phosphomolybdic Acid/ZnO Composite. <i>Chemical Research in Chinese Universities</i> , 2018 , 34, 464-469 | 2.2 | 8 |
| 67 | Fabrication of heterogeneous porous bilayered nanofibrous vascular grafts by two-step phase separation technique. <i>Acta Biomaterialia</i> , 2018 , 79, 168-181 | 10.8 | 34 |
| 66 | High-performance and flexible photodetectors based on chemical vapor deposition grown two-dimensional InSe nanosheets. <i>Nanotechnology</i> , 2018 , 29, 445205 | 3.4 | 34 |
| 65 | A Dual-Band Multilayer InSe Self-Powered Photodetector with High Performance Induced by Surface Plasmon Resonance and Asymmetric Schottky Junction. <i>ACS Nano</i> , 2018 , 12, 8739-8747 | 16.7 | 120 |
| 64 | Recent Advances in Applying Vulcanization/Inverse Vulcanization Methods to Achieve High-Performance Sulfur-Containing Polymer Cathode Materials for Li-ion Batteries. <i>Small Methods</i> , 2018 , 2, 1800156 | 12.8 | 42 |
| 63 | Synthesis of Two-Dimensional Alloy GaInSe Nanosheets for High-Performance Photodetector. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 43299-43304 | 9.5 | 10 |
| 62 | Temperature-dependent growth of few layer InSe and In ₂ Se ₃ single crystals for optoelectronic device. <i>Semiconductor Science and Technology</i> , 2018 , 33, 125002 | 1.8 | 14 |
| 61 | Two-Dimensional Nonlayered CuInSe ₂ Nanosheets for High-Performance Photodetectors. <i>ACS Applied Nano Materials</i> , 2018 , 1, 5414-5418 | 5.6 | 14 |
| 60 | Carbon Dots: Self-Protective Room-Temperature Phosphorescence of Fluorine and Nitrogen Codoped Carbon Dots (Adv. Funct. Mater. 37/2018). <i>Advanced Functional Materials</i> , 2018 , 28, 1870263 | 15.6 | 4 |
| 59 | Intrinsic Two-Dimensional Ferroelectricity with Dipole Locking. <i>Physical Review Letters</i> , 2018 , 120, 227601 | 7.4 | 170 |
| 58 | RNA-binding protein HuR regulates hsa-let-7c expression by its RNA recognition motif. <i>Acta Physiologica Sinica</i> , 2018 , 70, 1-8 | 1.3 | |
| 57 | Cytotoxicity of NiO nanoparticles and its conversion inside <i>Chlorella vulgaris</i> . <i>Chemical Research in Chinese Universities</i> , 2017 , 33, 107-111 | 2.2 | 5 |

| | | | |
|----|---|------|-----|
| 56 | Controlling Heat Release from a Close-Packed Bisazobenzene Reduced-Graphene-Oxide Assembly Film for High-Energy Solid-State Photothermal Fuels. <i>ChemSusChem</i> , 2017 , 10, 1302-1302 | 8.3 | 0 |
| 55 | Tuning electrochemical catalytic activity of defective 2D terrace MoSe ₂ heterogeneous catalyst via cobalt doping. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 11357-11363 | 13 | 41 |
| 54 | Improved performance of graphene by effectively removing surface poly-methyl methacrylate residual during the process of wet-etching transfer. <i>Molecular Crystals and Liquid Crystals</i> , 2017 , 644, 26-35 | 0.5 | 1 |
| 53 | Non-planar vertical photodetectors based on free standing two-dimensional SnS nanosheets. <i>Nanoscale</i> , 2017 , 9, 9167-9174 | 7.7 | 46 |
| 52 | In-Plane Mosaic Potential Growth of Large-Area 2D Layered Semiconductors MoS-MoSe Lateral Heterostructures and Photodetector Application. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 1684-1691 | 9.5 | 63 |
| 51 | Controlled growth of six-point stars MoS by chemical vapor deposition and its shape evolution mechanism. <i>Nanotechnology</i> , 2017 , 28, 395601 | 3.4 | 14 |
| 50 | Vertically aligned two-dimensional SnS ₂ nanosheets with a strong photon capturing capability for efficient photoelectrochemical water splitting. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 1989-1995 | 13 | 100 |
| 49 | The Modulation of Photoluminescences Band Gap of Two-Dimensional InSe Nanosheets on h-BN Substrate. <i>Journal of Nanoscience and Nanotechnology</i> , 2016 , 16, 9813-9819 | 1.3 | 6 |
| 48 | Patterned Growth: Patterned Growth of P-Type MoS ₂ Atomic Layers Using SoliGel as Precursor (Adv. Funct. Mater. 35/2016). <i>Advanced Functional Materials</i> , 2016 , 26, 6495-6495 | 15.6 | |
| 47 | Modulation of opto-electronic properties of InSe thin layers via phase transformation. <i>RSC Advances</i> , 2016 , 6, 70452-70459 | 3.7 | 14 |
| 46 | Patterned Growth of P-Type MoS ₂ Atomic Layers Using SoliGel as Precursor. <i>Advanced Functional Materials</i> , 2016 , 26, 6371-6379 | 15.6 | 26 |
| 45 | Controlled growth of vertical 3D MoS ₂ (1-x)Se _{2x} nanosheets for an efficient and stable hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 18060-18066 | 13 | 61 |
| 44 | Effect of Concrete Age and Creep on the Behavior of Concrete-Filled Steel Tube Columns. <i>Advances in Materials Science and Engineering</i> , 2016 , 2016, 1-10 | 1.5 | 2 |
| 43 | Tuning the Excitonic States in MoS ₂ /Graphene van der Waals Heterostructures via Electrochemical Gating. <i>Advanced Functional Materials</i> , 2016 , 26, 293-302 | 15.6 | 44 |
| 42 | Large-Scale Synthesis of a Uniform Film of Bilayer MoS ₂ on Graphene for 2D Heterostructure Phototransistors. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 19004-11 | 9.5 | 49 |
| 41 | Anisotropic Growth of Nonlayered CdS on MoS ₂ Monolayer for Functional Vertical Heterostructures. <i>Advanced Functional Materials</i> , 2016 , 26, 2648-2654 | 15.6 | 96 |
| 40 | Skin optical clearing potential of disaccharides. <i>Journal of Biomedical Optics</i> , 2016 , 21, 081207 | 3.5 | 33 |
| 39 | Sensitive Electronic-Skin Strain Sensor Array Based on the Patterned Two-Dimensional In ₂ Se ₃ . <i>Chemistry of Materials</i> , 2016 , 28, 4278-4283 | 9.6 | 112 |

| | | | |
|----|--|------|-----|
| 38 | Vertical 2D MoO ₂ /MoSe ₂ Core-shell Nanosheet Arrays as High-Performance Electrocatalysts for Hydrogen Evolution Reaction. <i>Advanced Functional Materials</i> , 2016 , 26, 8537-8544 | 15.6 | 134 |
| 37 | Titania nanotube/nano-brushite composited bioactive coating with micro/nanotopography on titanium formed by anodic oxidation and hydrothermal treatment. <i>Ceramics International</i> , 2015 , 41, 13115-13125 | 5.1 | 15 |
| 36 | Synergistic effects of surface chemistry and topologic structure from modified microarc oxidation coatings on Ti implants for improving osseointegration. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 8932-41 | 9.5 | 63 |
| 35 | H ₂ Ti ₅ O ₁₁ ·H ₂ O nanorod arrays formed on a Ti surface via a hybrid technique of microarc oxidation and chemical treatment. <i>CrystEngComm</i> , 2015 , 17, 2705-2717 | 3.3 | 6 |
| 34 | Conformal coating containing Ca, P, Si and Na with double-level porous surface structure on titanium formed by a three-step microarc oxidation. <i>RSC Advances</i> , 2015 , 5, 28908-28920 | 3.7 | 15 |
| 33 | Gate Modulation of Threshold Voltage Instability in Multilayer InSe Field Effect Transistors. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 26691-5 | 9.5 | 38 |
| 32 | Performance improvement of multilayer InSe transistors with optimized metal contacts. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 3653-8 | 3.6 | 92 |
| 31 | Photocatalytic Degradation of Methyl Orange Over Y ³⁺ Doped TiO ₂ Pillared Montmorillonite. <i>Journal of Advanced Oxidation Technologies</i> , 2015 , 18, | | 2 |
| 30 | Leader-following consensus of multiagent systems with event-triggered communication 2015 , | | 1 |
| 29 | Enhanced visible-active photochromism of a polyoxometalates/TiO ₂ composite film by combining Bi ₂ O ₃ nanoparticles. <i>RSC Advances</i> , 2015 , 5, 49153-49158 | 3.7 | 5 |
| 28 | Ultrahigh photo-responsivity and detectivity in multilayer InSe nanosheets phototransistors with broadband response. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 7022-7028 | 7.1 | 162 |
| 27 | Enhanced photochromism of heteropolyacid/polyvinylpyrrolidone composite film by TiO ₂ doping. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a | 2.9 | 2 |
| 26 | Solid-State Reaction Synthesis of a InSe/CuInSe ₂ Lateral p-n Heterojunction and Application in High Performance Optoelectronic Devices. <i>Chemistry of Materials</i> , 2015 , 27, 983-989 | 9.6 | 45 |
| 25 | The effect of NaOH concentration on the steam-hydrothermally treated bioactive microarc oxidation coatings containing Ca, P, Si and Na on pure Ti surface. <i>Materials Science and Engineering C</i> , 2015 , 49, 669-680 | 8.3 | 15 |
| 24 | Synthesis of two-dimensional Ga ₂ O ₃ nanosheets for high-performance solar blind photodetectors. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 3254-3259 | 7.1 | 139 |
| 23 | UV-light and visible-light photochromism of inorganic-organic multilayer films based on polyoxometalate and poly(acrylamide). <i>Colloid and Polymer Science</i> , 2014 , 292, 2883-2889 | 2.4 | 5 |
| 22 | Solid-state reaction synthesis of two-dimensional CuGaSe ₂ nanosheets for high performance photodetectors. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 19340-4 | 3.6 | 15 |
| 21 | Back gated multilayer InSe transistors with enhanced carrier mobilities via the suppression of carrier scattering from a dielectric interface. <i>Advanced Materials</i> , 2014 , 26, 6587-93 | 24 | 331 |

| | | | |
|----|---|------|-----|
| 20 | Low-Temperature Growth of Large-Area Heteroatom-Doped Graphene Film. <i>Chemistry of Materials</i> , 2014 , 26, 2460-2466 | 9.6 | 77 |
| 19 | Highly sensitive phototransistors based on two-dimensional GaTe nanosheets with direct bandgap. <i>Nano Research</i> , 2014 , 7, 694-703 | 10 | 124 |
| 18 | Visible-light photochromic nanocomposite thin films based on polyvinylpyrrolidone and polyoxometalates supported on clay minerals. <i>Applied Surface Science</i> , 2014 , 316, 637-642 | 6.7 | 14 |
| 17 | Visible light photochromism of polyoxometalates-based composite film with deposition of ZnFe ₂ O ₄ nanoparticles. <i>Materials Letters</i> , 2014 , 136, 229-232 | 3.3 | 7 |
| 16 | Effect of pH and H ₂ O ₂ dosage on catechol oxidation in nano-Fe ₃ O ₄ catalyzing UV-Benton and identification of reactive oxygen species. <i>Chemical Engineering Journal</i> , 2014 , 244, 1-8 | 14.7 | 72 |
| 15 | MC3T3-E1 cell response of amorphous phase/TiO ₂ nanocrystal composite coating prepared by microarc oxidation on titanium. <i>Materials Science and Engineering C</i> , 2014 , 39, 186-95 | 8.3 | 22 |
| 14 | Preparation and visible-light photochromism of phosphomolybdic acid/polyvinylpyrrolidone hybrid film. <i>Chemical Research in Chinese Universities</i> , 2014 , 30, 703-708 | 2.2 | 14 |
| 13 | Growth and characterization of ZnO needles. <i>Applied Nanoscience (Switzerland)</i> , 2014 , 4, 15-18 | 3.3 | 11 |
| 12 | Colorimetric Sensor Based on Self-Assembled Polydiacetylene/Graphene-Stacked Composite Film for Vapor-Phase Volatile Organic Compounds. <i>Advanced Functional Materials</i> , 2013 , 23, 6044-6050 | 15.6 | 100 |
| 11 | From metal-organic framework (MOF) to MOF-polymer composite membrane: enhancement of low-humidity proton conductivity. <i>Chemical Science</i> , 2013 , 4, 983-992 | 9.4 | 277 |
| 10 | Highly responsive ultrathin GaS nanosheet photodetectors on rigid and flexible substrates. <i>Nano Letters</i> , 2013 , 13, 1649-54 | 11.5 | 573 |
| 9 | Fabrication of highly oriented reduced graphene oxide microbelts array for massive production of sensitive ammonia gas sensors. <i>Journal of Micromechanics and Microengineering</i> , 2013 , 23, 095031 | 2 | 19 |
| 8 | Microwave-assisted crystallization inclusion of spiropyran molecules in indium trimesate films with antidromic reversible photochromism. <i>Journal of Materials Chemistry</i> , 2012 , 22, 25019 | | 60 |
| 7 | Stimulation of adenosine A _{2B} receptors induces interleukin-6 secretion in cardiac fibroblasts via the PKC-delta-P38 signalling pathway. <i>British Journal of Pharmacology</i> , 2010 , 159, 1598-607 | 8.6 | 38 |
| 6 | Preparation and photochromism of nanocomposite thin film based on polyoxometalate and polyethyleneglycol. <i>Materials Letters</i> , 2007 , 61, 5247-5249 | 3.3 | 23 |
| 5 | Mixed-Dimensional InSeBi Heterojunction Nanostructures for Self-Powered Broadband Photodetectors. <i>ACS Applied Nano Materials</i> , | 5.6 | 0 |
| 4 | Enhanced UV-assisted Fenton performance of nanostructured biomimetic Fe ₂ O ₃ on degradation of tetracycline. <i>Journal of Nanostructure in Chemistry</i> ,1 | 7.6 | 4 |
| 3 | Nanocellulose-Based Functional Materials: From Chiral Photonics to Soft Actuator and Energy Storage. <i>Advanced Functional Materials</i> ,2104991 | 15.6 | 26 |

- 2 Ultrasonic-assisted organic/inorganic multilayer thin film synthesis and enhanced visible-light photocatalytic activity based on PVP /PMoA. *Journal of Materials Science*, 1 4.3 1
- 1 Controllable construction of a three-dimensional spherical LaFeO₃/Bi₂O₃ heterojunction with enhanced photocatalytic ability for tetracycline degradation. *Journal of Nanostructure in Chemistry*, 1 7.6