# Yan Mi

List of Publications by Year
in descending order

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Version: 2024-02-01

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|---|---|---|---|
| 80 papers | 3,468 citations | 126708 33 h-index | 143772 57 g-index |
| 82 all docs | 82 docs citations | 82 times ranked | 5424 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Tunable photosalient behaviours within coordination polymers via functional molecular prearrangements. Chemical Communications, 2022, 58, 2674-2677. | 2.2 | 4 |
| 2 | Flower-like titanium dioxide as novel co-reaction accelerator for ultrasensitive â€œoffâ€“onâ€• electrochemiluminescence aptasensor construction based on 2D g-C3N4 layer for thrombin detection. Journal of Solid State Electrochemistry, 2022, 26, 959-971. | 1.2 | 8 |
| 3 | Oxygen vacancies and Bi2S3 nanoparticles co-sensitized TiO2 nanotube arrays for enhanced photoelectrochemical sensing of chlorpyrifos. Journal of Electroanalytical Chemistry, 2022, 911, 116220. | 1.9 | 18 |
| 4 | Controllable multiple-step configuration transformations in a thermal/photoinduced reaction. Nature Communications, 2022, 13, . | 5.8 | 32 |
| 5 | Single-metal-atom catalysts: An emerging platform for electrocatalytic oxygen reduction. Chemical Engineering Journal, 2021, 406, 127135. | 6.6 | 67 |
| 6 | Fabrication of ultrathin single-layer 2D metalâ€“organic framework nanosheets with excellent adsorption performance via a facile exfoliation approach. Journal of Materials Chemistry A, 2021, 9, 546-555. | 5.2 | 55 |
| 7 | Nanovilli electrode boosts hydrogen evolution: A surface with superaerophobicity and superhydrophilicity. Nano Research, 2021, 14, 961-968. | 5.8 | 24 |
| 8 | Tuning the configuration of the flexible metalâ€“alkene-framework affords pure cycloisomers in solid state photodimerization. Chemical Communications, 2021, 57, 1129-1132. | 2.2 | 13 |
| 9 | Single MoTe2 sheet electrocatalytic microdevice for in situ revealing the activated basal plane sites by vacancies engineering. Nano Research, 2021, 14, 4814-4821. | 5.8 | 27 |
| 10 | A â€œSuperaerophobicâ€•Se-Doped CoS2 Porous Nanowires Array for Cost-Saving Hydrogen Evolution. Catalysts, 2021, 11, 169. | 1.6 | 5 |
| 11 | New structurally diverse photoactive cadmium coordination polymers. Dalton Transactions, 2021, 50, 18194-18201. | 1.6 | 1 |
| 12 | Oxygen Deficient TiO2â^'x with Dual Reaction Sites for Activation of H2O2 to Degrade Organic Pollutants. Catalysis Letters, 2020, 150, 222-233. | 1.4 | 17 |
| 13 | Coordination-Driven Stereospecific Control Strategy for Pure Cycloisomers in Solid-State Diene Photocycloaddition. Journal of the American Chemical Society, 2020, 142, 700-704. | 6.6 | 90 |
| 14 | Modulating the regioselectivity of solid-state photodimerization in coordination polymer crystals. Dalton Transactions, 2020, 49, 10858-10865. | 1.6 | 7 |
| 15 | Amino group decorated coordination polymers for enhanced detection of folic acid. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 238, 118443. | 2.0 | 4 |
| 16 | 2D CoOOH Sheet-Encapsulated Ni2P into Tubular Arrays Realizing 1000ÂmAÂcmâ^'2-Level-Current-Density Hydrogen Evolution Over 100Âh in Neutral Water. Nano-Micro Letters, 2020, 12, 140. | 14.4 | 83 |
| 17 | A photoelectrochemical aptasensor for the sensitive detection of streptomycin based on a TiO2/BiOI/BiOBr heterostructure. Analytica Chimica Acta, 2020, 1115, 33-40. | 2.6 | 44 |
| 18 | Homocoupling of arylboronic acids catalyzed by dinuclear copper(I) complexes under mild conditions. Journal of the Iranian Chemical Society, 2019, 16, 2639-2646. | 1.2 | 6 |

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|---|---|---|---|
| 19 | A pillar-layer strategy to construct 2D polycatenated coordination polymers for luminescence detection of Cr<sub>2</sub>O<sub>7</sub><sup>2â^'</sup> and CrO<sub>4</sub><sup>2â^'</sup> in aqueous solution. CrystEngComm, 2019, 21, 4943-4950. | 1.3 | 15 |
| 20 | On-site generated metal organic framework-deriving core/shell ZnCo<sub>2</sub>O<sub>4</sub>/ZnO nanoarray for better water oxidation. Nanotechnology, 2019, 30, 495405. | 1.3 | 8 |
| 21 | Enhanced photoelectrochemical performance of LaFeO<sub>3</sub> photocathode with Au buffer layer. RSC Advances, 2019, 9, 26780-26786. | 1.7 | 19 |
| 22 | Nitrogen-doped hollow porous carbon nanotubes for high-sulfur loading Liâ€“S batteries. Electrochimica Acta, 2019, 324, 134849. | 2.6 | 26 |
| 23 | Ultrathin BiOCl nanosheet modified TiO<sub>2</sub> for the photoelectrochemical sensing of chlorpyrifos. Analytical Methods, 2019, 11, 375-380. | 1.3 | 15 |
| 24 | Ln-incorporated coordination complexes as fluorescence sensor for selective detection nitroaromatic compounds. Materials Chemistry and Physics, 2019, 232, 152-159. | 2.0 | 17 |
| 25 | In-situ surface-derivation of Ni-Mo bimetal sulfides nanosheets on Co3O4 nanoarrays as an advanced overall water splitting electrocatalyst in alkaline solution. Journal of Alloys and Compounds, 2019, 791, 328-335. | 2.8 | 27 |
| 26 | Engineering inner-porous cobalt phosphide nanowire based on controllable phosphating for efficient hydrogen evolution in both acidic and alkaline conditions. Applied Surface Science, 2019, 481, 1524-1531. | 3.1 | 18 |
| 27 | Dual-response detection of Ni<sup>2+</sup> and Cu<sup>2+</sup> ions by a pyrazolopyrimidine-based fluorescent sensor and the application of this sensor in bioimaging. RSC Advances, 2019, 9, 35671-35676. | 1.7 | 21 |
| 28 | Five new cobalt(II) complexes based on indazole derivatives: synthesis, DNA binding and molecular docking study. Journal of Coordination Chemistry, 2019, 72, 645-663. | 0.8 | 11 |
| 29 | A pyrazolopyrimidine based fluorescent probe for the detection of Cu2+ and Ni2+ and its application in living cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 209, 141-149. | 2.0 | 43 |
| 30 | Gold nanochestnut arrays as ultra-sensitive SERS substrate for detecting trace pesticide residue. Nanotechnology, 2018, 29, 295502. | 1.3 | 17 |
| 31 | MOF-assisted three-dimensional TiO2@C core/shell nanobelt arrays as superior sodium ion battery anodes. Journal of Alloys and Compounds, 2018, 769, 257-263. | 2.8 | 25 |
| 32 | Template-Guided Programmable Janus Heteronanostructure Arrays for Efficient Plasmonic Photocatalysis. Nano Letters, 2018, 18, 4914-4921. | 4.5 | 42 |
| 33 | Stereoselective Solidâ€State Synthesis of Substituted Cyclobutanes Assisted by Pseudorotaxaneâ€like MOFs. Angewandte Chemie, 2018, 130, 12878-12883. | 1.6 | 17 |
| 34 | Stereoselective Solidâ€State Synthesis of Substituted Cyclobutanes Assisted by Pseudorotaxaneâ€like MOFs. Angewandte Chemie - International Edition, 2018, 57, 12696-12701. | 7.2 | 103 |
| 35 | Three-Dimensional Plasmonic Nanostructure Design for Boosting Photoelectrochemical Activity. ACS Nano, 2017, 11, 7382-7389. | 7.3 | 48 |
| 36 | Multiple nanostructures based on anodized aluminium oxide templates. Nature Nanotechnology, 2017, 12, 244-250. | 15.6 | 168 |

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|---|---|---|---|
| 37 | p-Type CuBi<sub>2</sub>O<sub>4</sub>: an easily accessible photocathodic material for high-efficiency water splitting. Journal of Materials Chemistry A, 2016, 4, 8995-9001. | 5.2 | 124 |
| 38 | Constructing a AZO/TiO<sub>2</sub> Core/Shell Nanocone Array with Uniformly Dispersed Au NPs for Enhancing Photoelectrochemical Water Splitting. Advanced Energy Materials, 2016, 6, 1501496. | 10.2 | 129 |
| 39 | Fe(III) modified BiOCl ultrathin nanosheet towards high-efficient visible-light photocatalyst. Nano Energy, 2016, 30, 109-117. | 8.2 | 185 |
| 40 | Understanding the Orderliness of Atomic Arrangement toward Enhanced Sodium Storage. Advanced Energy Materials, 2016, 6, 1600448. | 10.2 | 52 |
| 41 | Nanoengineering Energy Conversion and Storage Devices via Atomic Layer Deposition. Advanced Energy Materials, 2016, 6, 1600468. | 10.2 | 63 |
| 42 | Facile surface treatment on Cu2O photocathodes for enhancing the photoelectrochemical response. Applied Catalysis B: Environmental, 2016, 198, 398-403. | 10.8 | 36 |
| 43 | Manipulation of charge transfer and transport in plasmonic-ferroelectric hybrids for photoelectrochemical applications. Nature Communications, 2016, 7, 10348. | 5.8 | 113 |
| 44 | Ultra-low mass loading of platinum nanoparticles on bacterial cellulose derived carbon nanofibers for efficient hydrogen evolution. Catalysis Today, 2016, 262, 141-145. | 2.2 | 42 |
| 45 | Nanostructure Arrays: Designing Heterogeneous 1D Nanostructure Arrays Based on AAO Templates for Energy Applications (Small 28/2015). Small, 2015, 11, 3407-3407. | 5.2 | 0 |
| 46 | Enhancement of Sodium Ion Battery Performance Enabled by Oxygen Vacancies. Angewandte Chemie - International Edition, 2015, 54, 8768-8771. | 7.2 | 180 |
| 47 | Highly Ordered Three-Dimensional Ni-TiO<sub>2</sub> Nanoarrays as Sodium Ion Battery Anodes. Chemistry of Materials, 2015, 27, 4274-4280. | 3.2 | 140 |
| 48 | Large-scale highly ordered Sb nanorod array anodes with high capacity and rate capability for sodium-ion batteries. Energy and Environmental Science, 2015, 8, 2954-2962. | 15.6 | 294 |
| 49 | Designing Heterogeneous 1D Nanostructure Arrays Based on AAO Templates for Energy Applications. Small, 2015, 11, 3408-3428. | 5.2 | 92 |
| 50 | Highly Controllable Surface Plasmon Resonance Property by Heights of Ordered Nanoparticle Arrays Fabricated via a Nonlithographic Route. ACS Nano, 2015, 9, 4583-4590. | 7.3 | 74 |
| 51 | Building of anti-restack 3D BiOCl hierarchitecture by ultrathin nanosheets towards enhanced photocatalytic activity. Applied Catalysis B: Environmental, 2015, 176-177, 331-337. | 10.8 | 69 |
| 52 | Fully understanding the positive roles of plasmonic nanoparticles in ameliorating the efficiency of organic solar cells. Nanoscale, 2015, 7, 15251-15257. | 2.8 | 34 |
| 53 | Switchable Chargeâ€Transfer in the Photoelectrochemical Energyâ€Conversion Process of Ferroelectric BiFeO<sub>3</sub> Photoelectrodes. Angewandte Chemie - International Edition, 2014, 53, 11027-11031. | 7.2 | 106 |
| 54 | Costâ€effective Atomic Layer Deposition Synthesis of Pt Nanotube Arrays: Application for High Performance Supercapacitor. Small, 2014, 10, 3162-3168. | 5.2 | 71 |

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|---|---|---|---|
| 55 | A highly efficient visible-light driven photocatalyst: two dimensional square-like bismuth oxyiodine nanosheets. Dalton Transactions, 2014, 43, 9549-9556. | 1.6 | 54 |
| 56 | Structure diversities of ten entangled coordination polymers assembled from reactions of Co(ii) or Ni(ii) salts with 5-(pyridin-4-yl)isophthalic acid in the absence or presence of auxiliary N-donor ligands. CrystEngComm, 2013, 15, 9553. | 1.3 | 36 |
| 57 | Growth control of AgTCNQ nanowire arrays by using a template-assisted electro-deposition method. Journal of Materials Chemistry C, 2013, 1, 8003. | 2.7 | 16 |
| 58 | Second ligands-assisted structural variation of entangled coordination polymers with polycatenated or polythreaded features. CrystEngComm, 2013, 15, 1068-1076. | 1.3 | 24 |
| 59 | Abnormal behaviors in electrical transport properties of cobalt-doped tin oxide thin films. Journal of Materials Chemistry, 2012, 22, 16060. | 6.7 | 22 |
| 60 | Unusual enhancement in electrical conductivity of tin oxide thin films with zinc doping. Physical Chemistry Chemical Physics, 2011, 13, 5760. | 1.3 | 18 |
| 61 | Application of nBu2Sn(acac)2 for the deposition of nanocrystallite SnO2 films: Nucleation, growth and physical properties. Journal of Alloys and Compounds, 2011, 509, 7798-7802. | 2.8 | 6 |
| 62 | Room-temperature Synthesis of CdMoO4 Nanooctahedra in the Hemline Length of 30 nm. Chemistry Letters, 2010, 39, 760-761. | 0.7 | 6 |
| 63 | Controlled synthesis and growth mechanism of alpha nickel molybate microhombohedron. Materials Letters, 2010, 64, 695-697. | 1.3 | 8 |
| 64 | Synthesis, characterization and luminescence properties of Eu(III) and Tb(III) complexes with novel pyrazole derivatives and 1,10-phenanthroline. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2010, 75, 825-829. | 2.0 | 15 |
| 65 | Study of nimesulide and its determination using multiwalled carbon nanotubes modified glassy carbon electrodes. Electrochimica Acta, 2010, 55, 2522-2526. | 2.6 | 46 |
| 66 | Synthesis and growth thermodynamic studies of CdS nanocrystals using isothermal titration calorimetry. Thermochimica Acta, 2010, 503-504, 136-140. | 1.2 | 9 |
| 67 | Synthesis, crystal structure and properties of Zn(II) and Cd(II) complexes with 2-(4-isopropyl-4-methyl-5-oxo-4,5-dihydro-1H-imidazol-2-yl)nicotinic acid ligand. Inorganic Chemistry Communication, 2010, 13, 33-36. | 1.8 | 6 |
| 68 | Synthesis, structure and properties of a new copper (II) complex, [Cu2(4,4â€²-bpy)5(H2O)4](ClO4)4(4,4â€²-bpy)(DMF)2(H2O)2. Inorganic Chemistry Communication, 2010, 13, 720-723. | 1.8 | 5 |
| 69 | Crystal structure, bioactivities, and electrochemistry properties of four diverse complexes with a new pyrazole ligand. Journal of Coordination Chemistry, 2010, 63, 263-272. | 0.8 | 11 |
| 70 | Synthesis and crystal structures of supramolecular compounds: [Cu(mpca)<sub>2</sub>(H<sub>2</sub>O)] Â· 3H<sub>2</sub>O and [Cu<sub>2</sub>(mpca)<sub>2</sub>(pyr)<sub>4</sub>]. Journal of Coordination Chemistry, 2009, 62, 3613-3620. | 0.8 | 7 |
| 71 | Room-temperature synthesis of MnMoO<sub>4</sub>Â·H<sub>2</sub>O nanorods by the microemulsion-based method and its photocatalytic performance. Journal of Physics: Conference Series, 2009, 188, 012056. | 0.3 | 7 |
| 72 | Amperometric Hydrogen Peroxide Biosensor Based on Immobilization of Hemoglobin on a Glassy Carbon Electrode Modified with Fe3O4/Chitosan Core-Shell Microspheres. Sensors, 2009, 9, 6185-6199. | 2.1 | 44 |

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|---|---|---|---|
| 73 | Room temperature reverse-microemulsion synthesis and photoluminescence properties of uniform BaMoO4 submicro-octahedra. Materials Letters, 2009, 63, 742-744. | 1.3 | 20 |
| 74 | Amperometric Hydrogen Peroxide Biosensor Based on Horseradish Peroxidase Immobilized on Fe<sub>3</sub>O<sub>4</sub>/Chitosan Modified Glassy Carbon Electrode. Electroanalysis, 2009, 21, 1514-1520. | 1.5 | 52 |
| 75 | Synthesis, structure, and properties of dinuclear copper (II) complex with a (H2O)12 cluster. Inorganic Chemistry Communication, 2009, 12, 628-631. | 1.8 | 16 |
| 76 | Synthesis, structure, and properties of two novel copper(II) complexes, [Cu(phen)(L)2]Â·6H2O and [Cu(phen)3]Â·(ClO4)2. Inorganic Chemistry Communication, 2009, 12, 1189-1192. | 1.8 | 12 |
| 77 | Room-Temperature Synthesis and Luminescent Properties of Single-Crystalline SrMoO4 Nanoplates. Journal of Physical Chemistry C, 2009, 113, 20795-20799. | 1.5 | 37 |
| 78 | Room-temperature Preparation of BaMoO4 Nano-octahedra by Microemulsion Method. Chemistry Letters, 2009, 38, 404-405. | 0.7 | 8 |
| 79 | <em>In situ</em> Microcalorimetry Insight into the Growth of CaMoO<sub>4</sub> Microcrystallites. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2009, 25, 2422-2426. | 2.2 | 2 |
| 80 | Diaqua(5-methyl-1H-pyrazole-3-carboxylato)(4-nitrobenzoato)copper(II). Acta Crystallographica Section E: Structure Reports Online, 2009, 65, m210-m210. | 0.2 | 0 |