

# Jianzhuang Jiang

## 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.

361  
papers

10,294  
citations

55  
h-index

80  
g-index

389  
ext. papers

11,909  
ext. citations

6.1  
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6.42  
L-index

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 361 | Transplantation of feces from mice with Alzheimer's disease promoted lung cancer growth.. <i>Biochemical and Biophysical Research Communications</i> , <b>2022</b> , 600, 67-74   | 3.4  | 1         |
| 360 | A robust redox-active hydrogen-bonded organic framework for rechargeable batteries. <i>Journal of Materials Chemistry A</i> , <b>2022</b> , 10, 1808-1814   | 13   | 3         |
| 359 | Sensitive and selective sensor based on porphyrin porous organic cage fluorescence towards copper ion. <i>Dyes and Pigments</i> , <b>2022</b> , 200, 110117   | 4.6  | 1         |
| 358 | Porphyrin Coordination Polymer with Dual Photocatalytic Sites for Efficient Carbon Dioxide Reduction.. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2022</b> ,  | 9.5  | 6         |
| 357 | Edge-located Fe-N4 sites on porous Graphene-like nanosheets for boosting CO2 electroreduction. <i>Chemical Engineering Journal</i> , <b>2022</b> , 431, 134269  | 14.7 | 3         |
| 356 | Porous organic cages for efficient gas selective separation and iodine capture. <i>Chemical Engineering Journal</i> , <b>2022</b> , 428, 131129   | 14.7 | 5         |
| 355 | F-doped carbon hollow nanospheres for efficient electrochemical oxygen reduction. <i>Journal of Materials Science</i> , <b>2022</b> , 57, 5924-5932   | 4.3  | 0         |
| 354 | Covalent Microporous Polymer Nanosheets for Efficient Photocatalytic CO Conversion with H <sub>2</sub> O.. <i>Small</i> , <b>2022</b> , e2201314  | 11   | 3         |
| 353 | Atomically Dispersed Ni <sub>2</sub> N Sites on Highly Defective Micro-Mesoporous Carbon for Superior CO Electroreduction.. <i>Small</i> , <b>2022</b> , e2107997   | 11   | 5         |
| 352 | CoFe alloy nanoparticles and Fe <sub>3</sub> C nanocrystals on N-doped biomass-derived porous carbon for superior electrocatalytic oxygen reduction. <i>Journal of Solid State Chemistry</i> , <b>2021</b> , 122735                         | 3.3  | 1         |
| 351 | Phthalocyanine-Triggered Helical Dipeptide Nanotubes with Intense Circularly Polarized Luminescence. <i>Small</i> , <b>2021</b> , e2104438  | 11   | 1         |
| 350 | Maximizing Electroactive Sites in a Three-Dimensional Covalent Organic Framework for Significantly Improved Carbon Dioxide Reduction Electrocatalysis. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> ,                     | 16.4 | 8         |
| 349 | Porphyrin-Based Metal-Organic Frameworks for Efficient Photocatalytic H <sub>2</sub> Production under Visible-Light Irradiation. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 3988-3995   | 5.1  | 11        |
| 348 | Robust Biological Hydrogen-Bonded Organic Framework with Post-Functionalized Rhenium(I) Sites for Efficient Heterogeneous Visible-Light-Driven CO Reduction. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 8983-8989 | 16.4 | 32        |
| 347 | Robust Biological Hydrogen-Bonded Organic Framework with Post-Functionalized Rhenium(I) Sites for Efficient Heterogeneous Visible-Light-Driven CO <sub>2</sub> Reduction. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 9065-9071           | 16.4 | 4         |
| 346 | Two-Dimensional Covalent Organic Frameworks with Cobalt(II)-Phthalocyanine Sites for Efficient Electrocatalytic Carbon Dioxide Reduction. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 7104-7113                    | 16.4 | 45        |
| 345 | Calreticulin as a special marker to distinguish dental pulp stem cells from gingival mesenchymal stem cells. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 178, 229-239   | 7.9  | 3         |

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| 344 | Rational Modification of Two-Dimensional Donor-Acceptor Covalent Organic Frameworks for Enhanced Visible Light Photocatalytic Activity. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 27041-27048  | 9.5  | 15 |
| 343 | Ethylthio-substituted sandwich phthalocyaninato europium (III) semiconductors for sensing NO <sub>2</sub> and NH <sub>3</sub> : Effect of the extended $\pi$ -conjugate systems on tuning the conductivity and sensing behavior. <i>Organic Electronics</i> , <b>2021</b> , 93, 106151 | 3.5  | 2  |
| 342 | An active site pre-anchoring and post-exposure strategy in Fe(CN) <sub>6</sub> -@PPy derived Fe/S/N-doped carbon electrocatalyst for high performance oxygen reduction reaction and zinc-air batteries. <i>Chemical Engineering Journal</i> , <b>2021</b> , 413, 127395                | 14.7 | 8  |
| 341 | Advances in gas sensors of tetrapyrrolo-rare earth sandwich-type complexes $\pi$ Commemorating the 100th Anniversary of the Birth of Academician Guangxian Xu. <i>Journal of Rare Earths</i> , <b>2021</b> , 39, 113-120   | 3.7  | 4  |
| 340 | Triptycene-supported bimetallic salen porous organic polymers for high efficiency CO <sub>2</sub> fixation to cyclic carbonates. <i>Inorganic Chemistry Frontiers</i> , <b>2021</b> , 8, 2880-2888   | 6.8  | 6  |
| 339 | Guest-tuned proton conductivity of a porphyrinylphosphonate-based hydrogen-bonded organic framework. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 2683-2688  | 13   | 15 |
| 338 | Crown-ether-substituted asymmetric phthalocyanine derivatives/CdS self-assembled hybrid films with an unprecedented high response toward NO <sub>2</sub> <b>2021</b> , 1020-1030   |      |    |
| 337 | Post-synthetic modification of porous organic cages. <i>Chemical Society Reviews</i> , <b>2021</b> , 50, 8874-8886   | 58.5 | 20 |
| 336 | An anionic potassium-organic framework for selective removal of uranyl ions. <i>Dalton Transactions</i> , <b>2021</b> , 50, 8314-8321  | 4.3  | 3  |
| 335 | STM Investigation of the Y[C <sub>6</sub> S-Pc] <sub>2</sub> and Y[C <sub>4</sub> O-Pc] <sub>2</sub> Complex at the Solution/Solid Interface: Substrate Effects, Submolecular Resolution, and Vacancies. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 1421-1431         | 3.8  | 4  |
| 334 | Atomic Zn Sites on N and S Codoped Biomass-Derived Graphene for a High-Efficiency Oxygen Reduction Reaction in both Acidic and Alkaline Electrolytes. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 2481-2488   | 6.1  | 5  |
| 333 | Spin Crossover in a Series of Non-Hofmann-Type Fe(II) Coordination Polymers Based on [Hg(SeCN)] or [Hg(SeCN)] Building Blocks. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 11048-11057  | 5.1  | 1  |
| 332 | Magnetic Behaviors and Nonlinear Optical Properties of Heteroleptic Bis(phthalocyaninato) Holmium Compounds. <i>European Journal of Inorganic Chemistry</i> , <b>2021</b> , 2021, 3512-3516  | 2.3  | 1  |
| 331 | Enhancement of Mass Transfer for Facilitating Industrial-Level CO <sub>2</sub> Electroreduction on Atomic Ni/N <sub>4</sub> Sites. <i>Advanced Energy Materials</i> , <b>2021</b> , 11, 2102152  | 21.8 | 8  |
| 330 | A Solid Transformation into Carboxyl Dimers Based on a Robust Hydrogen-Bonded Organic Framework for Propyne/Propylene Separation. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 25942-25948   | 16.4 | 8  |
| 329 | Metformin enhances the osteogenesis and angiogenesis of human umbilical cord mesenchymal stem cells for tissue regeneration engineering. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2021</b> , 141, 106086   | 5.6  | 3  |
| 328 | Assembled small organic molecules for photodynamic therapy and photothermal therapy.. <i>RSC Advances</i> , <b>2021</b> , 11, 10061-10074  | 3.7  | 9  |
| 327 | Ultralow loading of ruthenium nanoparticles on nitrogen-doped porous carbon enables ultrahigh mass activity for the hydrogen evolution reaction in alkaline media. <i>Catalysis Science and Technology</i> , <b>2021</b> , 11, 3182-3188   | 5.5  | 4  |

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| 326 | Donor-acceptor covalent organic framework/g-C <sub>3</sub> N <sub>4</sub> hybrids for efficient visible light photocatalytic H <sub>2</sub> production. <i>Catalysis Science and Technology</i> , <b>2021</b> , 11, 2616-2621   | 5.5  | 8  |
| 325 | A sextuple-decker heteroleptic phthalocyanine heterometallic samarium-cadmium complex with crystal structure and nonlinear optical properties in solution and gel glass. <i>Dalton Transactions</i> , <b>2021</b> , 50, 13661-13665   | 4.3  | 1  |
| 324 | Single-crystal-to-single-crystal transformation and proton conductivity of three hydrogen-bonded organic frameworks. <i>Chemical Communications</i> , <b>2020</b> , 56, 15529-15532   | 5.8  | 12 |
| 323 | Multipolar Porphyrin-Triazatruxene Arrays for Two-Photon Fluorescence Cell Imaging. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 13842-13848   | 4.8  | 3  |
| 322 | Metal-free azo-bridged porphyrin porous organic polymers for visible-light-driven CO reduction to CO with high selectivity. <i>Dalton Transactions</i> , <b>2020</b> , 49, 7592-7597  | 4.3  | 7  |
| 321 | cis-Silicon phthalocyanine conformation endows J-aggregated nanosphere with unique near-infrared absorbance and fluorescence enhancement: a tumor sensitive phototheranostic agent with deep tissue penetrating ability. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 2895-2908 | 7.3  | 6  |
| 320 | Heterobimetallic complexes from 0D clusters to 3D networks based on various polycyanometallates and [Cu(dmpn) <sub>2</sub> ] <sup>2+</sup> (dmpn = 2,2-dimethyl-1,3-diaminopropane): synthesis, crystal structures and magnetic properties. <i>CrystEngComm</i> , <b>2020</b> , 22, 2806-2816 | 3.3  | 5  |
| 319 | An Overall Comprehension of Anti-Aromatic Porphyrinoids Using 3D-Graphical Chemical Shielding Description. <i>Advanced Theory and Simulations</i> , <b>2020</b> , 3, 2000007  | 3.5  | 0  |
| 318 | Ternary Cross-Vanadium Tetra-Capped POMOFs@PPy/RGO Nanocomposites with Hybrid Battery-Supercapacitor Behavior for Enhancing Lithium Battery Storage. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 4667-4675  | 8.3  | 20 |
| 317 | A cascade surface immobilization strategy to access high-density and closely distanced atomic Pt sites for enhancing alkaline hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 5255-5262   | 13.3 | 14 |
| 316 | Elucidating heterogeneous photocatalytic superiority of microporous porphyrin organic cage. <i>Nature Communications</i> , <b>2020</b> , 11, 1047   | 17.4 | 46 |
| 315 | Innentitelbild: Fabrication of a Hydrogen-Bonded Organic Framework Membrane through Solution Processing for Pressure-Regulated Gas Separation (Angew. Chem. 10/2020). <i>Angewandte Chemie</i> , <b>2020</b> , 132, 3778-3778   | 3.6  |    |
| 314 | Fabrication of a Hydrogen-Bonded Organic Framework Membrane through Solution Processing for Pressure-Regulated Gas Separation. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 3868-3873  | 3.6  | 9  |
| 313 | Unique electronic structure of Tri-Bxido-[bis(porphyrinato)niobium(V)]: Spontaneous symmetry breaking mechanism of the special coordination skeleton. <i>Computational and Theoretical Chemistry</i> , <b>2020</b> , 1181, 112832   | 2    | 2  |
| 312 | Sonochemical synthesis and fabrication of neodymium sesquioxide entrapped with graphene oxide based hierarchical nanocomposite for highly sensitive electrochemical sensor of anti-cancer (raloxifene) drug. <i>Ultrasonics Sonochemistry</i> , <b>2020</b> , 64, 104717                      | 8.9  | 8  |
| 311 | Single iron atoms coordinated to g-CN on hierarchical porous N-doped carbon polyhedra as a high-performance electrocatalyst for the oxygen reduction reaction. <i>Chemical Communications</i> , <b>2020</b> , 56, 798-801   | 5.8  | 27 |
| 310 | Multi-component supramolecular gels induce protonation of a porphyrin exciplex to achieve improved collective optical properties for effective photocatalytic hydrogen generation. <i>Chemical Communications</i> , <b>2020</b> , 56, 527-530   | 5.8  | 6  |
| 309 | A Ni/Fe-based heterometallic phthalocyanine conjugated polymer for the oxygen evolution reaction. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 642-646   | 6.8  | 13 |

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| 308 | An ultrafast responsive NO gas sensor based on a hydrogen-bonded organic framework material. <i>Chemical Communications</i> , <b>2020</b> , 56, 703-706  | 5.8  | 35 |
| 307 | Fabrication of a Hydrogen-Bonded Organic Framework Membrane through Solution Processing for Pressure-Regulated Gas Separation. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 3840-3845  | 16.4 | 48 |
| 306 | In-situ growth of ZnS/FeS heterojunctions on biomass-derived porous carbon for efficient oxygen reduction reaction. <i>Journal of Energy Chemistry</i> , <b>2020</b> , 47, 79-85   | 12   | 16 |
| 305 | Quintuple-Decker Heteroleptic Phthalocyanine Heterometallic Samarium-Cadmium Complexes. Synthesis, Crystal Structure, Electrochemical Behavior, and Spectroscopic Investigation. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 17591-17599                    | 5.1  | 2  |
| 304 | Photonic Switching Porous Organic Polymers toward Reversible Control of Heterogeneous Photocatalysis. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 56491-56498  | 9.5  | 9  |
| 303 | Facile preparation of N-doped corn-cob-derived carbon nanofiber efficiently encapsulating Fe <sub>2</sub> O <sub>3</sub> nanocrystals towards high ORR electrocatalytic activity. <i>Journal of Energy Chemistry</i> , <b>2020</b> , 44, 121-130               | 12   | 56 |
| 302 | A porous tetraphenylethylene-based polymer for fast-response fluorescence sensing of Fe(III) ion and nitrobenzene. <i>Dyes and Pigments</i> , <b>2020</b> , 173, 107929  | 4.6  | 9  |
| 301 | A phthalocyanine-porphyrin triad for ratiometric fluorescent detection of Lead(II) ions. <i>Dyes and Pigments</i> , <b>2020</b> , 173, 107941  | 4.6  | 6  |
| 300 | Three Hydrogen-Bonded Organic Frameworks with Water-Induced Single-Crystal-to-Single-Crystal Transformation and High Proton Conductivity. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 3456-3465   | 3.5  | 24 |
| 299 | A porphyrin-pyranine dyad for ratiometric fluorescent sensing of intracellular pH. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2020</b> , 396, 112524  | 4.7  | 4  |
| 298 | A hybrid of g-CN and porphyrin-based covalent organic frameworks via liquid-assisted grinding for enhanced visible-light-driven photoactivity. <i>Dalton Transactions</i> , <b>2019</b> , 48, 14989-14995  | 4.3  | 40 |
| 297 | A sandwich-type tetrakis(phthalocyaninato) europium-cadmium quadruple-decker complex: structural, spectroscopic, OFET, and gas sensing properties. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 15763-15767   | 3.6  | 7  |
| 296 | A calix[4]arene-modified (Pc)Eu(Pc)Eu[T(C4A)PP]-based sensor for highly sensitive and specific host-guest electrochemical recognition. <i>Dalton Transactions</i> , <b>2019</b> , 48, 718-727  | 4.3  | 7  |
| 295 | Exfoliation of amorphous phthalocyanine conjugated polymers into ultrathin nanosheets for highly efficient oxygen reduction. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 3112-3119  | 13   | 55 |
| 294 | Single-Ion Magnet Investigation of ABAB-Type Tetrachloro- and Tetraalkoxy-Substituted Bis(phthalocyaninato) Terbium Double-Decker with D <sub>2</sub> Symmetrical Ligand Field. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 1329-1334 | 2.3  | 1  |
| 293 | Bis[1,8,15,22-tetrakis(3-pentyloxy)phthalocyaninato]terbium Double-Decker Single-Ion Magnets. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 2422-2429   | 5.1  | 6  |
| 292 | Surfactant-assisted synthesis and electrochemical properties of an unprecedented polyoxometalate-based metal-organic nanocaged framework. <i>Chemical Communications</i> , <b>2019</b> , 55, 1201-1204   | 5.8  | 32 |
| 291 | Magnetic investigations over reversibly switched chiral (phthalocyaninato)(porphyrinato) dysprosium double-decker compounds. <i>Dalton Transactions</i> , <b>2019</b> , 48, 1586-1590  | 4.3  | 8  |

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| 290 | Molecular assembly-induced charge transfer between a mixed (phthalocyaninato)(porphyrinato) yttrium triple-decker and a fullerene. <i>Inorganic Chemistry Frontiers</i> , <b>2019</b> , 6, 654-658   | 6.8  | 5  |
| 289 | Controlling the Crystal Field of Heteroleptic Bis(phthalocyaninato) Erbium for Field-Induced Magnetic Relaxation. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 2940-2946   | 2.3  | 8  |
| 288 | Solution-processable (Pc?)Eu(Pc?)Eu[TP(OH)PP]/rGO bilayer heterojunction organic transistors with exceptional excellent ambipolar performance. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2019</b> , 30, 12437-12446                         | 2.1  | 5  |
| 287 | Manganese(III) Porphyrin-Based Magnetic Materials. <i>Topics in Current Chemistry</i> , <b>2019</b> , 377, 18  | 7.2  | 6  |
| 286 | Functional Supramolecular Gels Based on the Hierarchical Assembly of Porphyrins and Phthalocyanines. <i>Frontiers in Chemistry</i> , <b>2019</b> , 7, 336  | 5    | 16 |
| 285 | A novel calix[4]arene-modified porphyrin-based dual-mode sensor for the specific detection of dopamine with excellent performance. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 10376-10381   | 3.6  | 5  |
| 284 | Postsynthetic Metalation of a Robust Hydrogen-Bonded Organic Framework for Heterogeneous Catalysis. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 8737-8740   | 16.4 | 82 |
| 283 | Ultrathin Phthalocyanine-Conjugated Polymer Nanosheet-Based Electrochemical Platform for Accurately Detecting HO in Real Time. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 11466-11473   | 9.5  | 21 |
| 282 | Raman spectra of rare earth double-decker complexes with porphyrinato and 2,3-naphthalocyaninato ligands. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2019</b> , 23, 260-266   | 1.8  |    |
| 281 | Towards developing efficient aminopyridine-based electrochemical catalysts for CO <sub>2</sub> reduction. A density functional theory study. <i>Journal of Catalysis</i> , <b>2019</b> , 373, 75-80  | 7.3  | 5  |
| 280 | Unconventional dihydrogen-bond interaction induced cyanide-bridged chiral nano-sized magnetic molecular wheel: synthesis, crystal structure and systematic theoretical magnetism investigation. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 3623-3633 | 7.1  | 10 |
| 279 | An ultrafast BODIPY single molecular sensor for multi-analytes (acid/base/Cu <sup>2+</sup> /Bi <sup>3+</sup> ) with different sensing mechanism. <i>Dyes and Pigments</i> , <b>2019</b> , 165, 279-286   | 4.6  | 4  |
| 278 | A cruciform phthalocyanine pentad-based NIR-II photothermal agent for highly efficient tumor ablation. <i>Chemical Science</i> , <b>2019</b> , 10, 8246-8252   | 9.4  | 41 |
| 277 | An indirect ELISA-inspired dual-channel fluorescent immunoassay based on MPA-capped CdTe/ZnS QDs. <i>Analytical and Bioanalytical Chemistry</i> , <b>2019</b> , 411, 5437-5444   | 4.4  | 5  |
| 276 | Ferromagnetic coupling between 4f- and delocalized $\pi$ -radical spins in mixed (phthalocyaninato)(porphyrinato) rare earth double-decker SMMs. <i>Inorganic Chemistry Frontiers</i> , <b>2019</b> , 6, 2142-2147   | 6.8  | 7  |
| 275 | Facile sonochemical synthesis of porous and hierarchical manganese(III) oxide tiny nanostructures for super sensitive electrocatalytic detection of antibiotic (chloramphenicol) in fresh milk. <i>Ultrasonics Sonochemistry</i> , <b>2019</b> , 58, 104648          | 8.9  | 20 |
| 274 | The effect of pore size and layer number of metal porphyrin coordination nanosheets on sensing DNA. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 10240-10246   | 7.1  | 15 |
| 273 | Crown-ether-substituted asymmetric phthalocyanine derivatives/CdS self-assembled hybrid films with an unprecedented high response toward NO <sub>2</sub> . <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2019</b> , 23, 507-517                              | 1.8  | 3  |

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| 272 | Multifunctional Tubular Organic Cage-Supported Ultrafine Palladium Nanoparticles for Sequential Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 18011-18016   | 16.4 | 62  |
| 271 | Multifunctional Tubular Organic Cage-Supported Ultrafine Palladium Nanoparticles for Sequential Catalysis. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 18179-18184  | 3.6  | 22  |
| 270 | A Scalable General Synthetic Approach toward Ultrathin Imine-Linked Two-Dimensional Covalent Organic Framework Nanosheets for Photocatalytic CO Reduction. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 17431-17440               | 16.4 | 201 |
| 269 | Photoactive Porphyrin-Based Metal-Organic Framework Nanosheets. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 4815-4819  | 2.3  | 10  |
| 268 | Elucidating J-Aggregation Effect in Boosting Singlet-Oxygen Evolution Using Zirconium-Porphyrin Frameworks: A Comprehensive Structural, Catalytic, and Spectroscopic Study. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 45118-45125 | 9.5  | 17  |
| 267 | Compartmentalization within Nanofibers of Double-Decker Phthalocyanine Induces High-Performance Sensing in both Aqueous Solution and the Gas Phase. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 16207-16213                                 | 4.8  | 5   |
| 266 | Elucidating $\pi$ -Interaction-induced extension effect in sandwich phthalocyaninato compounds.. <i>RSC Advances</i> , <b>2019</b> , 10, 317-322  | 3.7  | 3   |
| 265 | High mobility at the interface of the cocrystallized sandwich-type tetrapyrrole metal compound and fullerene layers. <i>Inorganic Chemistry Frontiers</i> , <b>2019</b> , 6, 3345-3349  | 6.8  | 3   |
| 264 | A Br-regulated transition metal active-site anchoring and exposure strategy in biomass-derived carbon nanosheets for obtaining robust ORR/HER electrocatalysts at all pH values. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 27089-27098   | 13   | 22  |
| 263 | Dimeric phthalocyanine-involved double-decker complex-based electrochemical sensor for simultaneous detection of acetaminophen and ascorbic acid. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2019</b> , 30, 1976-1983             | 2.1  | 7   |
| 262 | Optimizing the gas sensing properties of sandwich-type phthalocyaninato europium complex through extending the conjugated framework. <i>Dyes and Pigments</i> , <b>2019</b> , 161, 240-246  | 4.6  | 22  |
| 261 | Tetrapyrrole macrocycle based conjugated two-dimensional mesoporous polymers and covalent organic frameworks: From synthesis to material applications. <i>Coordination Chemistry Reviews</i> , <b>2019</b> , 378, 188-206                                 | 23.2 | 75  |
| 260 | Room temperature chiral reorganization of interfacial assembly of achiral double-decker phthalocyanine. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 7223-7229  | 3.6  | 6   |
| 259 | The lower rather than higher density charge carrier determines the NH <sub>3</sub> -sensing nature and sensitivity of ambipolar organic semiconductors. <i>Materials Chemistry Frontiers</i> , <b>2018</b> , 2, 1009-1016                                 | 7.8  | 32  |
| 258 | Chiral bis(phthalocyaninato) terbium double-decker compounds with enhanced single-ion magnetic behavior. <i>Inorganic Chemistry Frontiers</i> , <b>2018</b> , 5, 939-943  | 6.8  | 15  |
| 257 | Detection and Manipulation of Charge States for Double-Decker DyPc Molecules on Ultrathin CuO Films. <i>ACS Nano</i> , <b>2018</b> , 12, 2991-2997  | 16.7 | 9   |
| 256 | Fabricating Bis(phthalocyaninato) Terbium SIM into Tetrakis(phthalocyaninato) Terbium SMM with Enhanced Performance through Sodium Coordination. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 8066-8070                                      | 4.8  | 23  |
| 255 | Regulating the emission of tetraphenylethenes by changing the alkoxyl linkage length between two neighboring phenyl moieties. <i>Chemical Communications</i> , <b>2018</b> , 54, 6987-6990  | 5.8  | 4   |

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| 254 | TTF-fused heteroleptic bis(phthalocyaninato) europium double-decker complexes. Synthesis, spectroscopic, and electrochemical properties. <i>Dyes and Pigments</i> , <b>2018</b> , 156, 167-174  | 4.6 | 10 |
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| 250 | Fabrication and Electrochemical Performance of Polyoxometalate-Based Three-Dimensional Metal Organic Frameworks Containing Carbene Nanocages. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 16660-16665                         | 9.5 | 33 |
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| 248 | Synthetic porphyrin chemistry in China. <i>Science China Chemistry</i> , <b>2018</b> , 61, 511-514  | 7.9 | 29 |
| 247 | Structure and LIBs Anode Material Application of Novel WellsDawson Polyoxometalate-Based Metal Organic Frameworks with Different Helical Channels. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 5564-5572                                   | 3.5 | 14 |
| 246 | Air-water interfacial assembly of all-aromatic-substituted double-decker phthalocyanine forms aligned nanoparticles. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2018</b> , 22, 791-798   | 1.8 | 1  |
| 245 | Lysosome-targeting ratiometric fluorescent pH probes based on long-wavelength BODIPY. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 4422-4426  | 7.3 | 27 |
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| 241 | Mixed phthalocyanine-porphyrin-based conjugated microporous polymers towards unveiling the activity origin of Fe-N <sub>4</sub> catalysts for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 22851-22857 | 13  | 38 |
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| 239 | Hemiporphyrazine-Involved Sandwich Dysprosium Double-Decker Single-Ion Magnets. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 12347-12353  | 5.1 | 6  |
| 238 | Two-Photon Excited FRET Dyads for Lysosome-Targeted Imaging and Photodynamic Therapy. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 11537-11542  | 5.1 | 30 |
| 237 | Efficient ORR electrocatalytic activity of peanut shell-based graphitic carbon microstructures. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 12018-12028  | 13  | 48 |



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| 235 | Heteroleptic chiral bis(phthalocyaninato) terbium double-decker single-ion magnets. <i>Inorganic Chemistry Frontiers</i> , <b>2018</b> , 5, 2006-2012  | 6.8 | 7  |
| 234 | Synthesis, crystal structures, and fluorescence properties of porphyrin alkaline earth MOFs. <i>Inorganic Chemistry Communication</i> , <b>2018</b> , 95, 36-39  | 3.1 | 8  |
| 233 | Neo-N-confused Phlorins and Phlorinone: Rational Synthesis and Tunable Properties. <i>Organic Letters</i> , <b>2017</b> , 19, 650-653  | 6.2 | 15 |
| 232 | Sensitivity enhancement of graphene Hall sensors modified by single-molecule magnets at room temperature. <i>RSC Advances</i> , <b>2017</b> , 7, 1776-1781   | 3.7 | 8  |
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| 227 | New Route toward POM[6]Catenane Members for Lithium-Ion Batteries. <i>Crystal Growth and Design</i> , <b>2017</b> , 17, 3775-3782  | 3.5 | 27 |
| 226 | Novel imine-linked porphyrin covalent organic frameworks with good adsorption removing properties of RhB. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 6145-6151  | 3.6 | 37 |
| 225 | Sandwich rare earth complexes simultaneously involving aromatic phthalocyanine and antiaromatic hemiporphyrine ligands showing a predominantly aromatic nature. <i>Chemical Communications</i> , <b>2017</b> , 53, 3765-3768                                   | 5.8 | 7  |
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| 223 | Intramolecular chirality induction and intermolecular chirality modulation in BINOL bridged bisporphyrin hosts. <i>Dyes and Pigments</i> , <b>2017</b> , 137, 608-614  | 4.6 | 10 |
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| 220 | An Azacrown[N,S,O]Styryl Modified BoronPhehylnpyrin: Coordination-Mode-Transition-Induced Colorimetric and OFFONOFF Fluorescence Chemosensor for Quantifying Cu <sup>2+</sup> . <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 5254-5259 | 2.3 | 5  |
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| 218 | Ratiometric Fluorescent Detection of Pb by FRET-Based Phthalocyanine-Porphyrin Dyads. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 14533-14539   | 5.1  | 43  |
| 217 | Solution-processed single crystal microsheets of a novel dimeric phthalocyanine-involved triple-decker for high-performance ambipolar organic field effect transistors. <i>Chemical Communications</i> , <b>2017</b> , 53, 12754-12757                                 | 5.8  | 19  |
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| 214 | Novel bis(phthalocyaninato) rare earth complexes with the bulky and strong electron-donating dibutylamino groups: synthesis, spectroscopy, and SMM properties. <i>Inorganic Chemistry Frontiers</i> , <b>2017</b> , 4, 1465-1471                                       | 6.8  | 29  |
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| 212 | A post-cyclotetramerization strategy towards novel binuclear phthalocyanine dimers. <i>Inorganic Chemistry Frontiers</i> , <b>2017</b> , 4, 110-113  | 6.8  | 9   |
| 211 | Highly selective enzymatic-free electrochemical sensor for dopamine detection based on the self-assembled film of a sandwich mixed (phthalocyaninato) (porphyrinato) europium derivative. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2017</b> , 21, 796-802 | 1.8  | 13  |
| 210 | Fabrication and electrochemical performance of unprecedented POM-based metal-organic frameworks. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 17920-17925  | 13   | 38  |
| 209 | Single-molecule magnetism of tetrapyrrole lanthanide compounds with sandwich multiple-decker structures. <i>Coordination Chemistry Reviews</i> , <b>2016</b> , 306, 195-216  | 23.2 | 142 |
| 208 | Nonperipheral Tetrakis(dibutylamino)phthalocyanines. New Types of 1,8,15,22-Tetrakis(substituted)phthalocyanine Isomers. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 9289-96  | 5.1  | 12  |
| 207 | A Mixed Porphyrin-Schiff Base Dysprosium(III) Single-Molecule Magnet. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 4194-4198   | 2.3  | 11  |
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| 205 | ABAB-type phthalocyanines simultaneously bearing electron donating and electron accepting groups. Synthesis, spectroscopy, and structure. <i>Inorganic Chemistry Frontiers</i> , <b>2016</b> , 3, 1146-1151  | 6.8  | 8   |
| 204 | Two-Step Solution-Processed Two-Component Bilayer Phthalocyaninato Copper-Based Heterojunctions with Interesting Ambipolar Organic Transiting and Ethanol-Sensing Properties. <i>Advanced Materials Interfaces</i> , <b>2016</b> , 3, 1600253                          | 4.6  | 19  |
| 203 | (Pc)Eu(Pc)Eu[trans-T(COOCH)PP]/GO Hybrid Film-Based Nonenzymatic HO Electrochemical Sensor with Excellent Performance. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 30398-30406  | 9.5  | 30  |
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| 199 | Phenanthro[4,5-fgh]quinoxaline-Fused Subphthalocyanines: Synthesis, Structure, and Spectroscopic Characterization. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 9488-92  | 4.8 | 6  |
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| 197 | Amphiphilic (Phthalocyaninato) (Porphyrinato) Europium Triple-Decker Nanoribbons with Air-Stable Ambipolar OFET Performance. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 6174-82                       | 9.5 | 48 |
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| 192 | Coordination Field Tuned Cyanide-Bridged Polynuclear and One-Dimensional Heterobimetallic Complexes: Synthesis, Crystal Structures, and Magnetic Properties. <i>Crystal Growth and Design</i> , <b>2016</b> , 16, 5753-5761 | 3.5 | 21 |
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| 183 | An unprecedented porphyrin-pillar[5]arene hybrid ditopic receptor. <i>RSC Advances</i> , <b>2015</b> , 5, 43218-43224   | 3.7 | 3  |

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| 174 | Prohibitin Is Involved in Patients with IgG4 Related Disease. <i>PLoS ONE</i> , <b>2015</b> , 10, e0125331   | 3.7 | 38 |
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| 171 | Recent Advances in Phthalocyanine-Based Functional Molecular Materials. <i>Structure and Bonding</i> , <b>2015</b> , 159-199   | 0.9 | 15 |
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| 160 | Low-temperature scanning tunneling microscopy study of double-decker DyPc2 on Pb Surface. <i>Nanoscale</i> , <b>2014</b> , 6, 10779-83  | 7.7 | 17 |
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| 158 | Synthesis and spectroscopic properties of chiral binaphthyl-linked subphthalocyanines. <i>Chemical Communications</i> , <b>2014</b> , 50, 7663-5  | 5.8 | 19 |
| 157 | 1D to 3D heterobimetallic complexes tuned by cyanide precursors: synthesis, crystal structures, and magnetic properties. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 3494-502  | 5.1 | 31 |
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| 154 | Identification of prohibitin as an antigen in Behcet's disease. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 451, 389-93  | 3.4 | 17 |
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| 151 | Multiple correlations of mRNA expression and protein abundance in human cytokine profile. <i>Molecular Biology Reports</i> , <b>2014</b> , 41, 6985-93  | 2.8 | 12 |
| 150 | Experimental and Theoretical Characterization of 5,10-Dimino-porphodimethenes: Dearomatized Porphyrinoids from Palladium-Catalyzed Hydrazinations of 5,10-Diarylporphyrins. <i>ChemPlusChem</i> , <b>2014</b> , 79, 752-752 | 2.8 |    |
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| 144 | Vibrational spectroscopy of phthalocyanine and naphthalocyanine in sandwich-type (na)phthalocyaninato and porphyrinato rare earth complexes. Part 15: The IR characteristics of phthalocyanine in homoleptic tetrakis(phthalocyaninato) rare earth(III)-cadmium(II) quadruple-deckers. <i>Vibrational Spectroscopy</i> , <b>2013</b> , 69, 8-12 | 2.1 | 8   |
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| 142 | Mixed (phthalocyanine)(Schiff-base) terbium(III)alkali metal(I)/zinc(II) complexes: synthesis, structures, and spectroscopic properties. <i>CrystEngComm</i> , <b>2013</b> , 15, 10383  | 3.3 | 10  |
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| 33 | Vibrational spectroscopic characteristics of phthalocyanine and naphthalocyanine in sandwich-type phthalocyaninato and porphyrinato rare earth complexes. Part 11 Raman spectroscopic characteristics of phthalocyanine in mixed [tetrakis(4-tert-butylphenyl)porphyrinato] and [tetrakis(4-tert-butylphenyl)phthalocyaninato] rare earth double-deckers. <i>Journal of Raman Spectroscopy</i> , <b>2003</b> , 34, 306-314 | 2.3  | 21  |
| 32 | The first slipped pseudo-quadruple-decker complex of phthalocyanines. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 4740-2  | 5.1  | 37  |
| 31 | Synthesis, structure, spectroscopic properties, and electrochemistry of (1,8,15,22-tetrasubstituted phthalocyaninato)lead complexes. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 7539-44  | 5.1  | 60  |
| 30 | Synthesis, spectroscopic properties, and electrochemistry of heteroleptic rare earth double-decker complexes with phthalocyaninato and meso-tetrakis (4-chlorophenyl)porphyrinato ligands. <i>New Journal of Chemistry</i> , <b>2004</b> , 28, 1116-1122   | 3.6  | 56  |
| 29 | The Electronic Absorption Characteristics of Mixed Phthalocyaninato Porphyrinato Rare Earth(III) Triple-Deckers M <sub>2</sub> (TPyP) <sub>2</sub> (Pc). <i>European Journal of Inorganic Chemistry</i> , <b>2003</b> , 2003, 1555-1561  | 2.3  | 30  |
| 28 | Raman spectroscopic characteristics of phthalocyanine and naphthalocyanine in sandwich-type phthalocyaninato and porphyrinato rare earth complexes. Part 5 Raman spectroscopic characteristics of naphthalocyanine in mixed [tetrakis(4-tert-butylphenyl)porphyrinato] (naphthalocyaninato) rare earth double-deckers. <i>Journal of Raman Spectroscopy</i> , <b>2003</b> , 34, 306-314                                    | 2.3  | 17  |
| 27 | Infrared spectra of phthalocyanine and naphthalocyanine in sandwich-type (na)phthalocyaninato and porphyrinato rare earth complexes: Part 4. The infrared characteristics of phthalocyanine in heteroleptic tris(phthalocyaninato) rare earth complexes. <i>Vibrational Spectroscopy</i> , <b>2003</b> , 32, 175-184   | 2.1  | 67  |
| 26 | Infrared spectra of phthalocyanine and naphthalocyanine in sandwich-type (na)phthalocyaninato and porphyrinato rare earth complexes. Part 3. The effects of substituents and molecular symmetry on the infrared characteristics of phthalocyanine in bis(phthalocyaninato) rare earth complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2003</b> , 59, 3273-86                  | 4.4  | 83  |
| 25 | Tuning the valence of the cerium center in (Na)phthalocyaninato and porphyrinato cerium double-deckers by changing the nature of the tetrapyrrole ligands. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 12257-67   | 16.4 | 152 |
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| 23 | Synthesis, spectroscopic characterisation and structure of the first chiral heteroleptic bis(phthalocyaninato) rare earth complexes. <i>Chemical Communications</i> , <b>2003</b> , 1194-5   | 5.8  | 59  |
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| 21 | Structural studies of the whole series of lanthanide double-decker compounds with mixed 2,3-naphthalocyaninato and octaethylporphyrinato ligands. <i>New Journal of Chemistry</i> , <b>2003</b> , 27, 844-849  | 3.6  | 35  |

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| 16 | Praseodymium bis[phthalocyaninato] complex based gas sensor using a charge-flow transistor. <i>Journal of Materials Science Letters</i> , <b>2001</b> , 20, 1009-1011   |      |     |
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| 14 | Infra-red spectra of phthalocyanine and naphthalocyanine in sandwich-type (na)phthalocyaninato and porphyrinato rare earth complexes. <i>Polyhedron</i> , <b>1999</b> , 18, 2129-2139   | 2.7  | 92  |
| 13 | Double-decker Yttrium(III) Complexes with Phthalocyaninato and Porphyrinato Ligands. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>1999</b> , 03, 322-328   | 1.8  | 77  |
| 12 | Synthesis, Spectroscopic, and Electrochemical Properties of Homoleptic Bis(Substituted-Phthalocyaninato) Cerium(IV) Complexes. <i>Molecular Crystals and Liquid Crystals</i> , <b>1999</b> , 337, 385-388   |      | 22  |
| 11 | Sandwich-type heteroleptic phthalocyaninato and porphyrinato metal complexes. <i>Chemical Society Reviews</i> , <b>1997</b> , 26, 433   | 58.5 | 249 |
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| 9  | Synthesis of Water-Soluble Lanthanide Porphyrin Sandwich Complexes: Bis(tetrapyridylporphyrinato) Cerium(IV), [Ce(tpyp) <sub>2</sub> ], and Bis(tetramethylpyridylporphyrinato) Cerium(IV), [Ce(tmpyp) <sub>2</sub> ]. <i>Bulletin of the Chemical Society of Japan</i> , <b>1992</b> , 65, 1990-1992 | 5.1  | 16  |
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