

# Chen-Hsiung Hung

## List of Publications by Year in descending order

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Version: 2024-02-01

171  
papers

5,329  
citations

76294

40  
h-index

110317

64  
g-index

172  
all docs

172  
docs citations

172  
times ranked

5699  
citing authors

| #  | ARTICLE                                                                                                                                                                                                           | IF   | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1  | Screen-printed Hole Transport Material-free perovskite solar cell for water splitting incorporating Cu-NiCo <sub>2</sub> O <sub>4</sub> catalyst. <i>Materials Letters</i> , 2022, 313, 131838.                   | 1.3  | 1         |
| 2  | Thin Film Growth of 3D Sr <sup>2+</sup> -based Metal-Organic Framework on Conductive Glass via Electrochemical Deposition. <i>ChemistryOpen</i> , 2022, 11, e202100295.                                           | 0.9  | 4         |
| 3  | Functional Groups Assisted Tunable Dielectric Permittivity of Guest-Free Zn <sup>2+</sup> -Based Coordination Polymers for Gate Dielectrics. <i>Chemistry - A European Journal</i> , 2022, 28, .                  | 1.7  | 2         |
| 4  | Semiconducting Paddle-Wheel Metal-Organic Complex with a Compact Cu <sup>2+</sup> -S Cage. <i>Journal of Physical Chemistry C</i> , 2022, 126, 6300-6307.                                                         | 1.5  | 0         |
| 5  | Electronic Structure Optimization of PdZn-Graphitic Carbon Nitride Nanocomposites as Electrocatalysts for Selective CO <sub>2</sub> to CO Conversion. <i>ACS Omega</i> , 2022, 7, 17295-17304.                    | 1.6  | 4         |
| 6  | A nonlinear optical cadmium( <sup>II</sup> )-based metal-organic framework with chiral helical chains derived from an achiral bent dicarboxylate ligand. <i>CrystEngComm</i> , 2021, 23, 824-830.                 | 1.3  | 11        |
| 7  | Ni and Zn N-confused porphyrin complexes as recyclable catalysts for high efficiency solvent-free CO <sub>2</sub> fixation into cyclic carbonates. <i>Catalysis Science and Technology</i> , 2021, 11, 2144-2154. | 2.1  | 17        |
| 8  | Phosphor-Free Electrically Driven White Light Emission from Nanometer-Thick Barium-Organic Framework Films. <i>ACS Applied Nano Materials</i> , 2021, 4, 2395-2403.                                               | 2.4  | 6         |
| 9  | Nanocomposite catalyst of graphitic carbon nitride and Cu/Fe mixed metal oxide for electrochemical CO <sub>2</sub> reduction to CO. <i>Applied Catalysis B: Environmental</i> , 2021, 291, 120052.                | 10.8 | 61        |
| 10 | Tuning Alkyl Chain Lengths of Oxasamaragdyrins-B(OR) <sub>2</sub> for Optimizing Hole-Transport and Efficiency in Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2021, 4, 9090-9098.               | 2.5  | 2         |
| 11 | Zn(II) and Co(II) derivatives anchored with scorpionate precursor: Antiproliferative evaluation in human cancer cell lines. <i>Journal of Inorganic Biochemistry</i> , 2020, 202, 110881.                         | 1.5  | 4         |
| 12 | Intrinsic Ultralow-Threshold Laser Action from Rationally Molecular Design of Metal-Organic Framework Materials. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 36485-36495.                           | 4.0  | 20        |
| 13 | Highly efficient electrocatalytic hydrogen evolution from neutral aqueous solution by water soluble copper (II) porphyrin. <i>Inorganica Chimica Acta</i> , 2020, 513, 119929.                                    | 1.2  | 8         |
| 14 | Thermally stable indium based metal-organic frameworks with high dielectric permittivity. <i>Journal of Materials Chemistry C</i> , 2020, 8, 9724-9733.                                                           | 2.7  | 10        |
| 15 | Development of Novel Mixed Halide/Superhalide Tin-Based Perovskites for Mesoscopic Carbon-Based Solar Cells. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 2443-2448.                                  | 2.1  | 26        |
| 16 | A Trimetallic Cu(II) Derivative as an Efficient and Stable Electrocatalyst for Reduction of Proton to Molecular Hydrogen. <i>Catalysis Letters</i> , 2020, 150, 2200-2207.                                        | 1.4  | 4         |
| 17 | Recent progress on metalloporphyrin-based hydrogen evolution catalysis. <i>Coordination Chemistry Reviews</i> , 2020, 410, 213234.                                                                                | 9.5  | 78        |
| 18 | Hydrogel-based zinc ion sensor on optical fiber with high resolution and application to neural cells. <i>Biosensors and Bioelectronics</i> , 2020, 162, 112230.                                                   | 5.3  | 8         |

| #  | ARTICLE                                                                                                                                                                                                                                       | IF  | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Development of Hybrid Pseudohalide Tin Perovskites for Highly Stable Carbon-Electrode Solar Cells. ACS Applied Materials & Interfaces, 2020, 12, 21739-21747.                                                                                 | 4.0 | 35        |
| 20 | Metalloporphyrin-Based Catalysts for CO <sub>2</sub> Reduction: Effects of Metal Ions and Acidic Sites. ECS Meeting Abstracts, 2020, MA2020-01, 939-939.                                                                                      | 0.0 | 0         |
| 21 | 2,5-Thienylene-Strapped Bicyclic and Tricyclic Expanded Porphyrins. ChemPlusChem, 2019, 84, 810-815.                                                                                                                                          | 1.3 | 2         |
| 22 | Ni and Pd N-confused porphyrin complexes as catalysts for the synthesis of cyclic carbonates from epoxides and CO <sub>2</sub> . Dalton Transactions, 2019, 48, 7527-7531.                                                                    | 1.6 | 17        |
| 23 | Study on the structure, stability and tautomerisms of meta-benziporphodimethene and N-Confused isomers containing $\beta$ -lactam ring. Journal of Molecular Structure, 2019, 1187, 138-150.                                                  | 1.8 | 12        |
| 24 | Electrocatalytic H <sub>2</sub> evolution of a Schiff-base assisted Cu(II) derivative as catalyst on homogeneous and heterogeneous phase. Catalysis Communications, 2019, 119, 111-114.                                                       | 1.6 | 9         |
| 25 | EPR and electrochemical interpretation of bispyrazolylacetate anchored Ni(II) and Mn(II) complexes: cytotoxicity and anti-proliferative activity towards human cancer cell lines. New Journal of Chemistry, 2018, 42, 9126-9139.              | 1.4 | 15        |
| 26 | A new Ni(II) coordination polymer formed by bulky bis(imidazole) and 4,4'-oxybis(benzoic acid): Topological and spectral elucidation. Inorganica Chimica Acta, 2018, 469, 478-483.                                                            | 1.2 | 10        |
| 27 | Bioinorganic Chemistry of the Natural [Fe(NO) <sub>2</sub> ] Motif: Evolution of a Functional Model for NO-Related Biomedical Application and Revolutionary Development of a Translational Model. Inorganic Chemistry, 2018, 57, 12425-12443. | 1.9 | 46        |
| 28 | Accurate real-time sensing tip for aqueous NO with optical fibers embedded in active hydrogel waveguide. AIP Advances, 2018, 8, 025207.                                                                                                       | 0.6 | 3         |
| 29 | Photocatalytic hydrogen evolution from neutral aqueous solution by a water-soluble cobalt(II) porphyrin. Sustainable Energy and Fuels, 2018, 2, 2036-2043.                                                                                    | 2.5 | 40        |
| 30 | Porphyrin-Based Electrochemical H <sub>2</sub> Evolution: Role of Central Metal Ion on Overpotential and Catalytic Activity. Electrocatalysis, 2018, 9, 689-696.                                                                              | 1.5 | 20        |
| 31 | Electrocatalytic H <sub>2</sub> Evolution of Bis(3,5-di-methylpyrazol-1-yl)acetate Anchored Hexa-coordinated Co(II) Derivative. Catalysis Letters, 2018, 148, 2703-2708.                                                                      | 1.4 | 1         |
| 32 | Electrochemical Hydrogen Evolution by Cobalt (II) Porphyrins: Effects of Ligand Modification on Catalytic Activity, Efficiency and Overpotential. Journal of the Electrochemical Society, 2018, 165, H481-H487.                               | 1.3 | 40        |
| 33 | Zn and Cd-Based Coordination Networks: Highly Selective Naked Eye Sensing of Pyridine. ChemistrySelect, 2017, 2, 3831-3837.                                                                                                                   | 0.7 | 1         |
| 34 | EPR interpretation, magnetism and biological study of a Cu(II) dinuclear complex assisted by a schiff base precursor. Journal of Biological Inorganic Chemistry, 2017, 22, 481-495.                                                           | 1.1 | 14        |
| 35 | A mechanistic study of nitrite reduction on iron(II) complexes of methylated N-confused porphyrins. Dalton Transactions, 2017, 46, 15087-15094.                                                                                               | 1.6 | 7         |
| 36 | Oxasmaragdyrins as New and Efficient Hole-Transporting Materials for High-Performance Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2017, 9, 31950-31958.                                                                       | 4.0 | 26        |

| #  | ARTICLE                                                                                                                                                                                                                              | IF  | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Formation of Stable Tin Perovskites Co-crystallized with Three Halides for Carbon-Based Mesoscopic Lead-Free Perovskite Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13819-13823.                       | 7.2 | 85        |
| 38 | Formation of Stable Tin Perovskites Co-crystallized with Three Halides for Carbon-Based Mesoscopic Lead-Free Perovskite Solar Cells. <i>Angewandte Chemie</i> , 2017, 129, 14007-14011.                                              | 1.6 | 23        |
| 39 | EPR interpretation and electrocatalytic H <sub>2</sub> evolution study of bis(3,5-di-methylpyrazol-1-yl)acetate anchored Cu(II) and Mn(II) complexes. <i>Molecular Catalysis</i> , 2017, 439, 81-90.                                 | 1.0 | 13        |
| 40 | Solvent-assisted crystallization via a delayed-annealing approach for highly efficient hybrid mesoscopic/planar perovskite solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2017, 172, 270-276.                          | 3.0 | 14        |
| 41 | Effects of Position and Electronic Nature of Substituents on Cobalt-Porphyrin-Catalyzed Hydrogen Evolution Reaction. <i>ChemistrySelect</i> , 2017, 2, 10565-10571.                                                                  | 0.7 | 13        |
| 42 | Zinc Porphyrins Possessing Three p-Carboxyphenyl Groups: Effect of the Donor Strength of Push-Groups on the Efficiency of Dye Sensitized Solar Cells. <i>Energies</i> , 2016, 9, 513.                                                | 1.6 | 6         |
| 43 | Conversion of Nitric Oxide into Nitrous Oxide as Triggered by the Polarization of Coordinated NO by Hydrogen Bonding. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5190-5194.                                        | 7.2 | 30        |
| 44 | Bulky bis(imidazole) and 2-sulfoterephthalate Assisted 3-D Cu(II) and 2-D Mn(II) Coordination Polymers: Topology, Diversity in Metal Containing Nodes and Spectral Elucidation. <i>ChemistrySelect</i> , 2016, 1, 6230-6237.         | 0.7 | 1         |
| 45 | Iron(III) bis(pyrazol-1-yl)acetate based decanuclear metallacycles: synthesis, structure, magnetic properties and DFT calculations. <i>Dalton Transactions</i> , 2016, 45, 15089-15096.                                              | 1.6 | 10        |
| 46 | Role of Tin Chloride in Tin-Rich Mixed-Halide Perovskites Applied as Mesoscopic Solar Cells with a Carbon Counter Electrode. <i>ACS Energy Letters</i> , 2016, 1, 1086-1093.                                                         | 8.8 | 82        |
| 47 | Conversion of Nitric Oxide into Nitrous Oxide as Triggered by the Polarization of Coordinated NO by Hydrogen Bonding. <i>Angewandte Chemie</i> , 2016, 128, 5276-5280.                                                               | 1.6 | 4         |
| 48 | Hydro gel light-guiding conjunction for absorptive type multi-ions detection. <i>Sensors and Actuators B: Chemical</i> , 2016, 233, 535-539.                                                                                         | 4.0 | 2         |
| 49 | A rare doubly nitrate and phenoxido bridged trimetallic Cu <sup>II</sup> complex: EPR, antiferromagnetic coupling and theoretical rationalization. <i>RSC Advances</i> , 2016, 6, 54856-54865.                                       | 1.7 | 9         |
| 50 | Co-sensitization of free-base and zinc porphyrins: An effective approach to improve the photon-to-current conversion efficiency of dye-sensitized solar cells. <i>Journal of Porphyrins and Phthalocyanines</i> , 2015, 19, 695-707. | 0.4 | 6         |
| 51 | Cation ion specifically induces a conformational change in trans-dehydroandrosterone – A solid-state NMR study. <i>Steroids</i> , 2015, 96, 73-80.                                                                                   | 0.8 | 3         |
| 52 | Molecular Engineering of Boryl Oxasmaragdyrins through Peripheral Modification: Structure-Efficiency Relationship. <i>Chemistry - A European Journal</i> , 2015, 21, 4825-4841.                                                      | 1.7 | 15        |
| 53 | Effects of Number and Position of Meta and Para Carboxyphenyl Groups of Zinc Porphyrins in Dye-Sensitized Solar Cells: Structure-Performance Relationship. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 1879-1891.       | 4.0 | 38        |
| 54 | A Ni(II) dinuclear complex bridged by end-on azide-N and phenolate-O atoms: spectral interpretation, magnetism and biological study. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 749-762.                                        | 3.0 | 22        |

| #  | ARTICLE                                                                                                                                                                                                                                                                | IF  | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | The cis-isomer performs better than the trans-isomer in porphyrin-sensitized solar cells: interfacial electron transport and charge recombination investigations. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 20134-20143.                                  | 1.3 | 15        |
| 56 | Solid-state sensing tip for zinc ion with double parallel optical fibers embedded in fluorescent hydrogel. <i>Organic Electronics</i> , 2015, 26, 429-438.                                                                                                             | 1.4 | 4         |
| 57 | Highly efficient electrocatalytic hydrogen evolution from neutral aqueous solution by a water-soluble anionic cobalt(II) porphyrin. <i>Chemical Communications</i> , 2015, 51, 15067-15070.                                                                            | 2.2 | 92        |
| 58 | D-A- $\pi$ -A organic dyes for dye-sensitized solar cells: effect of $\pi$ -bridge length between two acceptors on photovoltaic properties. <i>Tetrahedron</i> , 2015, 71, 7977-7984.                                                                                  | 1.0 | 10        |
| 59 | Effects of Core-Modification on Porphyrin Sensitizers to the Efficiencies of Dye-Sensitized Solar Cells. <i>Journal of the Chinese Chemical Society</i> , 2014, 61, 545-555.                                                                                           | 0.8 | 13        |
| 60 | Different sensing modes of fluoride and acetate based on a calix[4]arene with 25,27-bis(triazolyl)methylpyrenylacetamides. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 370-379.                                                                      | 1.6 | 21        |
| 61 | Three p-carboxyphenyl groups possessing zinc porphyrins: efficient, stable, and cost-effective sensitizers for dye-sensitized solar cells. <i>Chemical Communications</i> , 2014, 50, 725-727.                                                                         | 2.2 | 33        |
| 62 | Synthesis of carboxylate functionalized A <sub>3</sub> B and A <sub>2</sub> B <sub>2</sub> thiaporphyrins and their application in dye-sensitized solar cells. <i>New Journal of Chemistry</i> , 2014, 38, 3960-3972.                                                  | 1.4 | 17        |
| 63 | Synthesis, structure, and catecholase activity of bispyrazolylacetate copper(II) complexes. <i>Dalton Transactions</i> , 2014, 43, 14726-14736.                                                                                                                        | 1.6 | 43        |
| 64 | Solid-state NMR study of fluorinated steroids. <i>Steroids</i> , 2014, 80, 64-70.                                                                                                                                                                                      | 0.8 | 5         |
| 65 | Electrospun Fibers as a Solid-State Real-Time Zinc Ion Sensor with High Sensitivity and Cell Medium Compatibility. <i>Advanced Functional Materials</i> , 2013, 23, 1566-1574.                                                                                         | 7.8 | 31        |
| 66 | New Dual Donor-Acceptor (2D $\pi$ - $\pi$ -A) Porphyrin Sensitizers for Stable and Cost-Effective Dye-Sensitized Solar Cells. <i>Chemistry - an Asian Journal</i> , 2013, 8, 2144-2153.                                                                                | 1.7 | 49        |
| 67 | A <i>N</i> -(2-Aminophenyl)-5-(dimethylamino)-1-naphthalenesulfonic Amide (Ds-DAB) Based Fluorescent Chemosensor for Peroxynitrite. <i>Organic Letters</i> , 2013, 15, 4242-4245.                                                                                      | 2.4 | 54        |
| 68 | Novel expanded porphyrin sensitized solar cells using boryl oxasmaragdyrin as the sensitizer. <i>Chemical Communications</i> , 2013, 49, 6882.                                                                                                                         | 2.2 | 40        |
| 69 | Nitric Oxide Turn-on Fluorescent Probe Based on Deamination of Aromatic Primary Monoamines. <i>Inorganic Chemistry</i> , 2012, 51, 5400-5408.                                                                                                                          | 1.9 | 90        |
| 70 | Effects of Porphyrinic <i>meso</i> -Substituents on the Photovoltaic Performance of Dye-Sensitized Solar Cells: Number and Position of <i>p</i> -Carboxyphenyl and Thienyl Groups on Zinc Porphyrins. <i>Journal of Physical Chemistry C</i> , 2012, 116, 11907-11916. | 1.5 | 58        |
| 71 | Interior aliphatic C-H bond activation on iron(II) N-confused porphyrin through synergistic nitric oxide binding and iron oxidation. <i>Chemical Communications</i> , 2012, 48, 4989.                                                                                  | 2.2 | 13        |
| 72 | Syntheses of Amino Group-Substituted N-Confused Porphyrins. <i>Journal of the Chinese Chemical Society</i> , 2012, 59, 633-640.                                                                                                                                        | 0.8 | 2         |

| #  | ARTICLE                                                                                                                                                                                                                                                                                                           | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | Ruthenium Complexes of Thiaporphyrin and Dithiaporphyrin. <i>Inorganic Chemistry</i> , 2011, 50, 11947-11957.                                                                                                                                                                                                     | 1.9 | 20        |
| 74 | Sensitivity evaluation of rhodamine B hydrazide towards nitric oxide and its application for macrophage cells imaging. <i>Analytica Chimica Acta</i> , 2011, 708, 141-148.                                                                                                                                        | 2.6 | 28        |
| 75 | 7.2: Integrated Organic Semiconductor Optoelectronic Devices as Real-time and Indicator-free Biosensor. <i>Digest of Technical Papers SID International Symposium</i> , 2011, 42, 70-73.                                                                                                                          | 0.1 | 0         |
| 76 | An organic hydrogel film with micron-sized pillar array for real-time and indicator-free detection of Zn <sup>2+</sup> . <i>Organic Electronics</i> , 2011, 12, 1899-1902.                                                                                                                                        | 1.4 | 7         |
| 77 | ortho-Caromâ€N bond fusion in aniline associated with electrophilic chlorination reactions at ruthenium(III) coordinated acetylacetonates. <i>Inorganica Chimica Acta</i> , 2011, 374, 366-372.                                                                                                                   | 1.2 | 8         |
| 78 | Direct Evidence of a Liquidâ€Crystalline Phase Induced by Intermolecular CÎ;Hâ€...â€...Cl Interactions on the Basis of IR Spectroscopy and Theoretical Simulations. <i>Chemistry - A European Journal</i> , 2011, 17, 111-116.                                                                                    | 1.7 | 9         |
| 79 | Factors That Regulate the Conformation of <i>m</i>â€Benziporphodimethene Complexes: Agostic Metalâ€Arene Interaction, Hydrogen Bonding, and Î<sup>2</sup>,Î€ Coordination. <i>Chemistry - A European Journal</i> , 2011, 17, 11332-11343.                                                                         | 1.7 | 23        |
| 80 | Hyrido iridium(III) complexes of azoaromatic ligands. Isolation, structure and studies of their physicochemical properties. <i>Inorganica Chimica Acta</i> , 2011, 372, 168-174.                                                                                                                                  | 1.2 | 7         |
| 81 | Integrated semiconductor optoelectronic devices for real-time and indicator-free detection of aqueous nitric oxide. <i>Organic Electronics</i> , 2011, 12, 751-755.                                                                                                                                               | 1.4 | 4         |
| 82 | Toward carboxylate group functionalized A4, A2B2, A3B oxaporphyrins and zinc complex of oxaporphyrins. <i>Tetrahedron</i> , 2011, 67, 4680-4688.                                                                                                                                                                  | 1.0 | 16        |
| 83 | Nitrite-Mediated <i>S</i>-Nitrosylation of Caspase-3 Prevents Hypoxia-Induced Endothelial Barrier Dysfunction. <i>Circulation Research</i> , 2011, 109, 1375-1386.                                                                                                                                                | 2.0 | 31        |
| 84 | Real-time and indicator-free detection of aqueous nitric oxide with hydrogel film. <i>Applied Physics Letters</i> , 2010, 96, 223702.                                                                                                                                                                             | 1.5 | 5         |
| 85 | Effects of potential shift and efficiency of charge collection on nanotube-based porphyrin-sensitized solar cells with conjugated links of varied length. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 12973.                                                                                           | 1.3 | 20        |
| 86 | Family of V(III)-Tristhiolato Complexes Relevant to Functional Models of Vanadium Nitrogenase: Synthesis and Electronic Structure Investigations by Means of High-Frequency and -Field Electron Paramagnetic Resonance Coupled to Quantum Chemical Computations.. <i>Inorganic Chemistry</i> , 2010, 49, 977-988. | 1.9 | 57        |
| 87 | Novel Steroid-Sensing Model and Characterization of Protein Interactions Based on Fluorescence Anisotropy Decay. <i>Journal of Physical Chemistry B</i> , 2010, 114, 4327-4334.                                                                                                                                   | 1.2 | 5         |
| 88 | A Rigidity-Modulated Approach toward the Construction of Metallacycles from a Flexible Tetratopic Ligand. <i>Organometallics</i> , 2010, 29, 283-285.                                                                                                                                                             | 1.1 | 9         |
| 89 | Selective real-time nitric oxide detection by functionalized zinc oxide. <i>Journal Physics D: Applied Physics</i> , 2009, 42, 155105.                                                                                                                                                                            | 1.3 | 20        |
| 90 | Tetramethylâ€<i>m</i>â€benzporphodimethene and Isomeric Î±,Î²â€Unsaturated Î³â€Lactam Embedded Nâ€Confused Tetramethylâ€<i>m</i>â€benzporphodimethenes. <i>Chemistry - an Asian Journal</i> , 2009, 4, 164-173.                                                                                                   | 1.7 | 26        |

| #   | ARTICLE                                                                                                                                                                                                                                                                                                                                        | IF  | CITATIONS |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91  | Femtosecond Transient Absorption of Zinc Porphyrins with Oligo(phenylethynyl) Linkers in Solution and on TiO <sub>2</sub> Films. <i>Journal of Physical Chemistry C</i> , 2009, 113, 11524-11531.                                                                                                                                              | 1.5 | 64        |
| 92  | Design and Characterization of Novel Porphyrins with Oligo(phenylethynyl) Links of Varied Length for Dye-Sensitized Solar Cells: Synthesis and Optical, Electrochemical, and Photovoltaic Investigation. <i>Journal of Physical Chemistry C</i> , 2009, 113, 755-764.                                                                          | 1.5 | 149       |
| 93  | Facile Nitrite Reduction and Conversion Cycle of {Fe(NO)} <sup>6/7</sup> Species: Chemistry of Iron N-Confused Porphyrin Complexes via Protonation/Deprotonation. <i>Journal of the American Chemical Society</i> , 2009, 131, 7952-7953.                                                                                                      | 6.6 | 32        |
| 94  | Monomeric, Dimeric, and Trimeric Calcium Compounds Containing Substituted Pyrrolyl and Ketimate Ligands: Synthesis and Structural Characterization. <i>Inorganic Chemistry</i> , 2009, 48, 8004-8011.                                                                                                                                          | 1.9 | 47        |
| 95  | Preparation and Oxygenation of Cobalt N-Confused Porphyrin Nitrosyl Complexes. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 1196-1199.                                                                                                                                                                                         | 1.0 | 19        |
| 96  | Aluminum Complexes Containing Cyclohexane-1,2-diyl Linked Bis(ketimate) Ligands and Proton-Promoted Demethylation. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 3000-3008.                                                                                                                                                     | 1.0 | 11        |
| 97  | m-Benzoporphodimethene: a new porphyrin analogue fluorescence zinc( <i>scp</i> ) sensor. <i>Chemical Communications</i> , 2008, , 978-980.                                                                                                                                                                                                     | 2.2 | 95        |
| 98  | Fabrication and Characterization of Anodic Titanium Oxide Nanotube Arrays of Controlled Length for Highly Efficient Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2008, 112, 19151-19157.                                                                                                                               | 1.5 | 137       |
| 99  | Nitric Oxide Physiological Responses and Delivery Mechanisms Probed by Water-Soluble Roussin's Red Ester and {Fe(NO)} <sub>2</sub> <sup>10</sup> DNIC. <i>Journal of the American Chemical Society</i> , 2008, 130, 10929-10938.                                                                                                               | 6.6 | 70        |
| 100 | Formation of a Sulfur-Atom-Inserted N-Confused Porphyrin Iron Nitrosyl Complex by Denitrosation and C-S Bond Cleavage of an S-Nitrosothiol. <i>Inorganic Chemistry</i> , 2007, 46, 10941-10943.                                                                                                                                                | 1.9 | 14        |
| 101 | Synthesis, Structure, and Reactivity of Diazoketimate Complexes of Platinum(II) and Palladium(II): Cytotoxic Properties of a Platinum Complex. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 4272-4281.                                                                                                                         | 1.0 | 21        |
| 102 | Design and synthesis of manganese porphyrins with tailored lipophilicity: Investigation of redox properties and superoxide dismutase activity. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 7066-7086.                                                                                                                                | 1.4 | 100       |
| 103 | Isolation of a Manganese Complex of a Tridentate Azoaromatic Ligand from an Unusual Mn <sub>2</sub> (CO) <sub>10</sub> Promoted Simultaneous Reductive Azo Cleavage and Aromatic Ring Amination Reactions. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 1775-1777.                                                   | 0.6 | 3         |
| 104 | Synthesis, structure, redox and spectra of green iridium complexes of tridentate azo-aromatic ligands. <i>Journal of Chemical Sciences</i> , 2007, 119, 3-9.                                                                                                                                                                                   | 0.7 | 9         |
| 105 | Molecular assembling using axial phenolate on an iron N-confused porphyrin complex. <i>Chemical Communications</i> , 2006, , 1866.                                                                                                                                                                                                             | 2.2 | 24        |
| 106 | Influence of Water Content on the Self-Assembly of Metal-Organic Frameworks Based on Pyridine-3,5-dicarboxylate. <i>Inorganic Chemistry</i> , 2006, 45, 2430-2437.                                                                                                                                                                             | 1.9 | 106       |
| 107 | Aluminum Alkyl Complexes Containing Bidentate, Mono- or dianionic Pyrrolyl Ligands: Intramolecular Elimination of Methane and 1-Hexene Polymerization. <i>Journal of the Chinese Chemical Society</i> , 2006, 53, 1297-1302.                                                                                                                   | 0.8 | 7         |
| 108 | Architectures in two crystalline homo and hetero two-dimensional polymers of the type [Cd <sub>3</sub> (tren) <sub>2</sub> (NCS) <sub>6</sub> ] <sub>n</sub> and [Ni <sub>2</sub> Cd(tren) <sub>2</sub> (NCS) <sub>6</sub> ] <sub>n</sub> [tren=Tris(2-aminoethyl)amine] through molecular ion bridges. <i>Polyhedron</i> , 2006, 25, 645-653. | 1.0 | 23        |

| #   | ARTICLE                                                                                                                                                                                                                                                                                 | IF  | CITATIONS |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 109 | Syntheses and structures of three new coordination polymers generated from the flexible 1,3-bis(4-pyridyl)propane ligand and zinc salts. <i>Polyhedron</i> , 2006, 25, 2325-2332.                                                                                                       | 1.0 | 38        |
| 110 | Insertion, Reduction, and Carbon-Carbon Coupling Induced by Monomeric Aluminum Hydride Compounds Bearing Substituted Pyrrolyl Ligands. <i>Chemistry - A European Journal</i> , 2006, 12, 3067-3073.                                                                                     | 1.7 | 31        |
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