

John Fielden

List of Publications by Year in descending order

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1,486
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331259

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docs citations

44
times ranked

2149
citing authors

#	ARTICLE	IF	CITATIONS
1	Pyridyl anchored indolium dyes for the p-type dye sensitized solar cell. <i>Dyes and Pigments</i> , 2022, 202, 110244.	2.0	7
2	Optical, third order non-linear optical and electrochemical properties of dipolar, centrosymmetric and C_{2v} organoimido polyoxometalate derivatives. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 11807-11817.	1.3	15
3	Beyond Solvent Exclusion: i-Motif Detecting Capability and an Alternative DNA Light-Switching Mechanism in a Ruthenium(II) Polypyridyl Complex. <i>Journal of the American Chemical Society</i> , 2020, 142, 13856-13866.	6.6	23
4	Covalently Linked Polyoxometalate-Polypyrrole Hybrids: Electropolymer Materials with Dual-Mode Enhanced Capacitive Energy Storage. <i>Macromolecules</i> , 2020, 53, 11120-11129.	2.2	12
5	Cobalt-based molecular electrocatalysis of nitrile reduction: evolving sustainability beyond hydrogen. <i>Dalton Transactions</i> , 2019, 48, 9576-9580.	1.6	5
6	Pyridinium p-DSSC dyes: An old acceptor learns new tricks. <i>Dyes and Pigments</i> , 2019, 165, 508-517.	2.0	18
7	Fine-tuning polyoxometalate non-linear optical chromophores: a molecular electronic "Goldilocks" effect. <i>Dalton Transactions</i> , 2018, 47, 10415-10419.	1.6	18
8	Organoimido-Polyoxometalate Nonlinear Optical Chromophores: A Structural, Spectroscopic, and Computational Study. <i>Inorganic Chemistry</i> , 2017, 56, 10181-10194.	1.9	31
9	Increasing p-type dye sensitised solar cell photovoltages using polyoxometalates. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 18831-18835.	1.3	19
10	Transition Metal Substitution Effects on Metal-to-Polyoxometalate Charge Transfer. <i>Inorganic Chemistry</i> , 2016, 55, 4308-4319.	1.9	24
11	Donor-acceptor organo-imido polyoxometalates: high transparency, high activity redox-active NLO chromophores. <i>Dalton Transactions</i> , 2016, 45, 2818-2822.	1.6	33
12	Water splitting with polyoxometalate-treated photoanodes: enhancing performance through sensitizer design. <i>Chemical Science</i> , 2015, 6, 5531-5543.	3.7	67
13	Polyoxometalate Multi-Electron Transfer Catalytic Systems for Water Splitting. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 635-644.	1.0	85
14	Assembly of Ruthenium-Based Complex into Metal-Organic Framework with Tunable Area-Selected Luminescence and Enhanced Photon-to-Electron Conversion Efficiency. <i>Journal of Physical Chemistry C</i> , 2014, 118, 25365-25373.	1.5	61
15	Extending Metal-Polyoxometalate Charge Transfer Lifetimes: The Effect of Heterometal Location. <i>Chemistry - A European Journal</i> , 2014, 20, 4297-4307.	1.7	36
16	Polyoxometalates in Visible-Light Photocatalysis and Solar Energy Conversion. <i>Reviews in Advanced Sciences and Engineering</i> , 2014, 3, 304-319.	0.6	4
17	Electron Transfer Dynamics in Semiconductor-Chromophore-Polyoxometalate Catalyst Photoanodes. <i>Journal of Physical Chemistry C</i> , 2013, 117, 918-926.	1.5	108
18	[Co _x Cu _{1-x} (DDOP)(OH ₂)(NO ₃)](NO ₃): hydrogen bond-driven distortion of cobalt(ii) by solid solution network mismatch™. <i>Dalton Transactions</i> , 2012, 41, 4927.	1.6	6

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19	Chiral Hexanuclear Ferric Wheels. <i>Inorganic Chemistry</i> , 2012, 51, 2734-2736.	1.9	9
20	A fluorophosphate-based inverse Keggin structure. <i>Dalton Transactions</i> , 2012, 41, 9876.	1.6	12
21	Ferrocenyl Diquat Derivatives: Nonlinear Optical Activity, Multiple Redox States, and Unusual Reactivity. <i>Organometallics</i> , 2011, 30, 5731-5743.	1.1	33
22	Combining Very Large Quadratic and Cubic Nonlinear Optical Responses in Extended, Tris-Chelate Metallochomophores with Six π -Conjugated Pyridinium Substituents. <i>Journal of the American Chemical Society</i> , 2010, 132, 3496-3513.	6.6	61
23	[Cr ₈ (PhCO ₂) ₁₆ O ₄] \cdot 4CH ₃ CN \cdot 2H ₂ O: structural origin of magnetic anisotropy in a molecular spin cluster. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2010, 66, m253-m256.	0.4	2
24	Designing organic molecules for terahertz radiation generation in robust crystals. , 2010, , .		0
25	Quadratic and Cubic Nonlinear Optical Properties of Salts of Diquat-Based Chromophores with Diphenylamino Substituents. <i>Journal of Physical Chemistry A</i> , 2010, 114, 12028-12041.	1.1	35
26	Syntheses and Properties of Two-Dimensional, Dicationic Nonlinear Optical Chromophores Based on Pyrazinyl Cores. <i>Journal of Organic Chemistry</i> , 2010, 75, 8550-8563.	1.7	30
27	Two-Dimensional, Pyrazine-Based Nonlinear Optical Chromophores with Ruthenium(II) Ammine Electron Donors. <i>Inorganic Chemistry</i> , 2010, 49, 10718-10726.	1.9	47
28	Nickel(II) and Palladium(II) Complexes of Azobenzene-Containing Ligands as Dichroic Dyes. <i>Inorganic Chemistry</i> , 2010, 49, 9136-9150.	1.9	40
29	Diquat Derivatives: Highly Active, Two-Dimensional Nonlinear Optical Chromophores with Potential Redox Switchability. <i>Journal of the American Chemical Society</i> , 2010, 132, 10498-10512.	6.6	94
30	A Homochiral 2D Copper(II) Coordination Framework. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 717-720.	1.0	6
31	Mn ₃ (OAc) ₆ \cdot CH ₃ CN: a porous dehydrated manganese(II) acetate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2009, 65, m224-m227.	0.4	2
32	Synthesis of Cu(I) octamolybdates using tetrakis-acetonitrilecopper(I) hexafluorophosphate. <i>Polyhedron</i> , 2009, 28, 2803-2807.	1.0	17
33	Ligand and Counterion Control of Ag(I) Architectures: Assembly of a {Ag ₈ } Ring Cluster Mediated by Hydrophobic and Ag \cdot \cdot \cdot \cdot Ag Interactions. <i>Inorganic Chemistry</i> , 2007, 46, 9090-9097.	1.9	58
34	Controlling Aggregation of Copper(II)-Based Coordination Compounds: From Mononuclear to Dinuclear, Tetranuclear, and Polymeric Copper Complexes. <i>Inorganic Chemistry</i> , 2006, 45, 2886-2895.	1.9	47
35	Anion control of isomerism, crystal packing and binding properties in a mononuclear zinc complex. <i>Polyhedron</i> , 2006, 25, 3474-3480.	1.0	14
36	Inducing Molecular Growth in an {Mo ₅ Fe ₆ }-type Nanocluster: Synthesis, Structure, and Properties of $\{ \text{Mo}_5 \text{Fe}_6 \}^n$. <i>Journal of Cluster Science</i> , 2006, 17, 291-302.	1.7	2

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37	Discovery of a Family of Isopolyoxotungstates [H ₄ W ₁₉ O ₆₂] ⁶⁻ Encapsulating a {WO ₆ } Moiety within a {W ₁₈ } Dawson-like Cluster Cage. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4798-4803.	7.2	96
38	Metal-Dependent Formation of Mononuclear Complexes and M ₂ L ₂ Mesocates with Schiff-Base Ligands. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 3930-3935.	1.0	18
39	Design and stereospecific synthesis of modular ligands based upon cis-1,3-trans-5-substituted cyclohexanes. <i>New Journal of Chemistry</i> , 2005, 29, 1152.	1.4	8
40	Secondary coordination sphere controlled reversible geometry reorganisations in copper(ii) complexes. <i>Chemical Communications</i> , 2004, , 2156.	2.2	15
41	Molecule-Based Magnetic Nanoparticles: Synthesis of Cobalt Hexacyanoferrate, Cobalt Pentacyanonitrosylferrate, and Chromium Hexacyanochromate Coordination Polymers in Water-in-Oil Microemulsions. <i>Nano Letters</i> , 2002, 2, 225-229.	4.5	246