Rebecca O Fuller

List of Publications by Year
in descending order

37	427	932766 10	752256 20
papers	citations	h-index	g-index

37	37	37	662
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Systematic Structural Coordination Chemistry of p-tert-Butyltetrathiacalix[4]arene: Further Complexes of Transition-Metal Ions. European Journal of Inorganic Chemistry, 2010, 2010, 2106-02126.	1.0	82
2	Lanthanoid â€œBottlebrushâ€•Clusters: Remarkably Elongated Metalâ€“Oxo Core Structures with Controllable Lengths. Journal of the American Chemical Society, 2014, 136, 15122-15125.	6.6	48
3	Systematic Structural Coordination Chemistry of pâ€tertâ€Butyltetrathiacalix[4]arene: Further Complexes of Lanthanide Metal Ions. European Journal of Inorganic Chemistry, 2010, 2010, 2127-2152.	1.0	38
4	Magnetic properties of calixarene-supported metal coordination clusters. Coordination Chemistry Reviews, 2020, 402, 213066.	9.5	32
5	Supramolecular interactions between hexabromoethane and cyclopentadienyl ruthenium bromides: Halogen bonding or electrostatic organisation?. CrystEngComm, 2012, 14, 804-811.	1.3	19
6	Resonance-Based Detection of Magnetic Nanoparticles and Microbeads Using Nanopatterned Ferromagnets. Physical Review Applied, 2016, 6, .	1.5	18
7	Molecular Imprisonment: Host Response to Guest Location, Orientation, and Dynamics in Clathrates of Dianinâ€™s Compound. Crystal Growth and Design, 2014, 14, 1296-1306.	1.4	16
8	Manganeseâ€“calcium clusters supported by calixarenes. Dalton Transactions, 2015, 44, 2132-2137.	1.6	15
9	Interpolated potential-energy surface and reaction dynamics for BH++H2. Journal of Chemical Physics, 2001, 114, 10711-10716.	1.2	14
10	A new selective fluorescent probe based on tamoxifen. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 4879-4883.	1.0	13
11	Photoactive Metal Carbonyl Complexes Bearing N-Heterocyclic Carbene Ligands: Synthesis, Characterization, and Viability as Photoredox Catalysts. Inorganic Chemistry, 2022, 61, 1888-1898.	1.9	13
12	The use of preformed nanoparticles in the production of heterogeneous catalysts. Journal of Colloid and Interface Science, 2014, 417, 396-401.	5.0	11
13	A Novel Approach to FePt Assemblage and Synthesis. Journal of Physical Chemistry C, 2008, 112, 5271-5274.	1.5	10
14	Matrix isolation ESR and theoretical studies of metal phosphides. Journal of Chemical Physics, 2010, 133, 164311.	1.2	10
15	The modification of M41S materials: addition of metal clusters and nanoparticles. New Journal of Chemistry, 2010, 34, 1286.	1.4	10
16	Temperature-dependent crystal structure of the isopropanol clathrate of Dianin's compound. Chemical Communications, 2011, 47, 2029.	2.2	9
17	A simple procedure for the production of large ferromagnetic cobalt nanoparticles. Dalton Transactions, 2016, 45, 11983-11989.	1.6	9
18	Broad distributions of relaxation times in FePt nanoparticles. Journal of Applied Physics, 2005, 97, 10J508.	1.1	6

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19	Supported heterogeneous catalysts: what controls cobalt nanoparticle dispersion on alumina?. New Journal of Chemistry, 2018, 42, 14894-14900.	1.4	6
20	Lanthanoid pyridyl-Î²-diketonate â€˜triangles â€™. New examples of single molecule toroics. Dalton Transactions, 2020, 49, 17421-17432.	1.6	6
21	Enhanced Synthesis of oxo-Verdazyl Radicals Bearing Sterically-and Electronically-Diverse C3-Substitents. Organic and Biomolecular Chemistry, 2021, 19, 10120-10138.	1.5	6
22	Magnetic Studies of Metal Ion Coordination Clusters Encapsulated with Thiacalixarene. Australian Journal of Chemistry, 2014, 67, 1588.	0.5	5
23	Anion-Directed Solid-State Structures of Copper(I) and Silver(I) Adducts of Ruthenium Ethyne-1,2-diyl Compounds. Organometallics, 2015, 34, 2632-2646.	1.1	5
24	Suzukiâ€“Miyaura Csp²â€“Csp² Cross-Couplings Employing Nickel(II) Pincer Precatalysts: Mechanistic Investigations. Organometallics, 2021, 40, 2305-2310.	1.1	5
25	Photochemical Activation of a Hydroxyquinone-Derived Phenyliodonium Ylide by Visible Light: Synthetic and Mechanistic Investigations. Journal of Organic Chemistry, 2021, 86, 1758-1768.	1.7	4
26	Rhenium-catalysed reactions in chemical synthesis: selected case studies. Dalton Transactions, 2022, 51, 3004-3018.	1.6	4
27	Seemingly simple group 8 cyclopentadienyl dicarbonyl metal halides: From little things, interesting things grow. CrystEngComm, 2012, 14, 812-818.	1.3	3
28	Electrochemical Properties of a Verdazyl Radical in Room Temperature Ionic Liquids. Australian Journal of Chemistry, 2020, , .	0.5	3
29	An experimental investigation of dynamic behavior in FePt systems. Journal of Physics Condensed Matter, 2009, 21, 124203.	0.7	2
30	Investigation of the structure and magnetism in lanthanide Î²-triketonate tetranuclear assemblies. Journal of Coordination Chemistry, 2016, 69, 1852-1863.	0.8	2
31	tert-Butyldimethylsilyl Amine (TBDMS-NH2): A Mild and Green Reagent for the Protection of Benzyl Alcohols, Phenols, and Carboxylic Acids under Solvent-Free Conditions. Australian Journal of Chemistry, 2016, 69, 1172.	0.5	1
32	Developing Tamoxifen-Based Chemical Probes for Use with a Dual-Modality Fluorescence and Optical Coherence Tomography Imaging Needle. Australian Journal of Chemistry, 2019, , .	0.5	1
33	Optimisation of Iron Oxide Nanoparticles for Agglomeration and Blockage in Aqueous Flow Systems. Australian Journal of Chemistry, 2022, 75, 102-110.	0.5	1
34	Supramolecular Stark Effect in Host-Guest Complexes via Charge Density Analysis. Acta Crystallographica Section A: Foundations and Advances, 2014, 70, C674-C674.	0.0	0
35	Solution-phase decomposition of ferrocene into wÃ¼stite-iron oxide coreâ€“shell nanoparticles. Dalton Transactions, 2022, , .	1.6	0
36	Advanced inorganic chemistry laboratory curricula in Australian universities: investigating the major topics and approaches to learning. Australian Journal of Chemistry, 2022, , .	0.5	0

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37	Multimodal imaging needle combining optical coherence tomography and fluorescence for imaging of live breast cancer cells labeled with a fluorescent analog of tamoxifen. Journal of Biomedical Optics, 2022, 27, .	1.4	0