

James F Britten

List of Publications by Year in descending order

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567281

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40
times ranked

1050
citing authors

#	ARTICLE	IF	CITATIONS
1	Supramolecular macrocycles reversibly assembled by Teâ€¦ O chalcogen bonding. <i>Nature Communications</i> , 2016, 7, 11299.	12.8	166
2	Mn(II) and Cu(II) Complexes of a Dithiadiazolyl Radical Ligand:Â Monomer/Dimer Equilibria in Solution. <i>Inorganic Chemistry</i> , 2007, 46, 3934-3945.	4.0	59
3	Cationic Thorium Alkyl Complexes of Rigid NON- and NNN-Donor Ligands: Î€-Arene Coordination as a Persistent Structural Motif. <i>Organometallics</i> , 2009, 28, 1891-1899.	2.3	55
4	Zinc Chelation by a Small-Molecule Adjuvant Potentiates Meropenem Activity in Vivo against NDM-1-Producing <i>Klebsiella pneumoniae</i>. <i>ACS Infectious Diseases</i> , 2015, 1, 533-543.	3.8	50
5	Single and Double Alkyl Abstraction from a Bis(anilido)xanthene Thorium(IV) Dibenzyl Complex: Isolation of an Organothorium Cation and a Thorium Dication. <i>Organometallics</i> , 2008, 27, 15-17.	2.3	42
6	Reversing Organicâ€¦Inorganic Hybrid Perovskite Degradation in Water via pH and Hydrogen Bonds. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 7245-7250.	4.6	34
7	Manganese Silylene Hydride Complexes: Synthesis and Reactivity with Ethylene to Afford Silene Hydride Complexes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6223-6227.	13.8	29
8	Impact of Crystal Structure and Polymer Excipients on the Melt Crystallization Kinetics of Itraconazole Polymorphs. <i>Crystal Growth and Design</i> , 2017, 17, 3433-3442.	3.0	27
9	Phosphorus Chemical Shift Tensors for Tetramethyldiphosphine Disulfide:â€¦ A 31P Single-Crystal NMR, Dipolar-Chemical Shift NMR, and Ab Initio Molecular Orbital Study. <i>Journal of Physical Chemistry A</i> , 2000, 104, 4598-4605.	2.5	24
10	The Fama-French five-factor model: Evidence from the Johannesburg Stock Exchange. <i>Investment Analysts Journal</i> , 2019, 48, 240-261.	1.0	21
11	Interaction of Multiple Bonds with NacNacGa: Oxidative Cleavage vs Coupling and Cyclization. <i>Inorganic Chemistry</i> , 2019, 58, 8665-8672.	4.0	21
12	Sigma-hole interactions in the molecular and crystal structures of N-boryl benzo-2,1,3-selenadiazoles. <i>New Journal of Chemistry</i> , 2018, 42, 10555-10562.	2.8	20
13	Adduct of NacNacAl with Benzophenone and Its Coupling Chemistry. <i>Chemistry - A European Journal</i> , 2020, 26, 206-211.	3.3	20
14	Rigid NON-donor pincer ligand complexes of lutetium and lanthanum: synthesis and hydroamination catalysis. <i>RSC Advances</i> , 2017, 7, 27938-27945.	3.6	17
15	Phase and Texture of Solution-Processed Copper Phthalocyanine Thin Films Investigated by Two-Dimensional Grazing Incidence X-Ray Diffraction. <i>Crystals</i> , 2011, 1, 112-119.	2.2	16
16	The size of the metal ion controls the structures of the coordination polymers of benzo-2,1,3-selenadiazole. <i>CrystEngComm</i> , 2013, 15, 7434.	2.6	16
17	Metal-Induced Isomerization Yields an Intracellular Chelator that Disrupts Bacterial Iron Homeostasis. <i>Chemistry and Biology</i> , 2014, 21, 136-145.	6.0	16
18	Alkynylcyclohexanol Chairs and Twist-Boats:Â Co2(CO)6as a Conformational Switch. <i>Journal of Organic Chemistry</i> , 2001, 66, 8585-8591.	3.2	15

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19	A 1,2,3,5-dithiadiazolyl dimeric radical cation. Preparation and solid state characterization of 1,3-[(S ₂ N ₂ C)C ₆ H ₄ (CN ₂ S ₂)] ₂ [Cl] ₃ . CrystEngComm, 2002, 4, 205.	2.6	11
20	Chain Orientation in Polyethylene Fibers Prepared by Ethylene Nanoextrusion Polymerization. Macromolecular Rapid Communications, 2006, 27, 1217-1222.	3.9	10
21	Investigations of the Phase Transition and Proton Dynamics in Rubidium Methane Phosphonate Studied by Solid-State NMR. Journal of Physical Chemistry C, 2008, 112, 5221-5231.	3.1	10
22	Shedding Light on the Diverse Reactivity of NacNacAl with Nâ€Heterocycles. Angewandte Chemie - International Edition, 2020, 59, 16147-16153.	13.8	9
23	Idiosyncratic risk and anomaly persistence on the Johannesburg Stock Exchange (JSE). Investment Analysts Journal, 2016, 45, 31-46.	1.0	8
24	Manganese Silylene Hydride Complexes: Synthesis and Reactivity with Ethylene to Afford Silene Hydride Complexes. Angewandte Chemie, 2017, 129, 6319-6323.	2.0	8
25	Synthetic and structural investigations of bis(<i>i>N</i>-alkyl-benzoselenadiazolium) cations. Dalton Transactions, 2019, 48, 12541-12548.</i>	3.3	8
26	Structural diversity of the complexes of monovalent metal d¹⁰ ions with macrocyclic aggregates of iso-tellurazole <i>i>N</i>-oxides. New Journal of Chemistry, 2019, 43, 12601-12608.</i>	2.8	8
27	Competing Effects of Chlorination on the Strength of Teâ€…â€…â€…O Chalcogen Bonds Select the Structure of Mixed Supramolecular Macrocyclic Aggregates of Isoâ€Tellurazole <i>i>N</i>-â€Oxides. Chemistry - A European Journal, 2021, 27, 10849-10853.</i>	3.3	8
28	Iso-Tellurazolium <i>i>N</i>-Phenoxides: A Family of Te-â€-O Chalcogen-Bonding Supramolecular Building Blocks. Inorganic Chemistry, 2021, 60, 16726-16733.</i>	4.0	8
29	Asymmetric Entry into 10b-aza-Analogues of Amaryllidaceae Alkaloids Reveals a Pronounced Electronic Effect on Antiviral Activity. ACS Omega, 2018, 3, 11469-11476.	3.5	6
30	A Synthetic, Xâ€ray, NMR Spectroscopy and DFT Study of Î²â€Naphthyl Dihydrazone, Di(Î²â€Naphthyl)acetylene, Tetra(Î²â€Naphthyl)cyclopentadienone, and Hexa(Î²â€Naphthyl)â€benzene: C₆(C₁₀H₇)₆ Is a Disordered Molecular Propeller. ChemPlusChem, 2017, 82, 433-441.	2.8	5
31	Shedding Light on the Diverse Reactivity of NacNacAl with Nâ€Heterocycles. Angewandte Chemie, 2020, 132, 16281-16287.	2.0	4
32	Protonation of Tetraphenylâ€and 2,3,4â€Triphenylcyclopentadienone â€“ An NMR and Xâ€ray Crystallographic Study. European Journal of Organic Chemistry, 2017, 2017, 3249-3255.	2.4	3
33	Liquidity and size effects on the Johannesburg Stock Exchange (JSE). Investment Analysts Journal, 2018, 47, 229-242.	1.0	3
34	Orientation development in solid-state extrusion and hot forming of polypropylene tubes. Polymer Engineering and Science, 2011, 51, 1446-1454.	3.1	2
35	Magnified hard x-ray image in one dimension. Applied Physics Letters, 2010, 96, 261907.	3.3	0
36	Titelbild: Manganese Silylene Hydride Complexes: Synthesis and Reactivity with Ethylene to Afford Silene Hydride Complexes (Angew. Chem. 22/2017). Angewandte Chemie, 2017, 129, 6039-6039.	2.0	0