

James F Britten

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Competing Effects of Chlorination on the Strength of Te...O Chalcogen Bonds Select the Structure of Mixed Supramolecular Macrocyclic Aggregates of Iso-tellurazole Oxides. <i>Chemistry - A European Journal</i> , 2021, 27, 10849-10853.	3.3	8
2	Iso-Tellurazolium-N-Phenoxides: A Family of Te...O Chalcogen-Bonding Supramolecular Building Blocks. <i>Inorganic Chemistry</i> , 2021, 60, 16726-16733.	4.0	8
3	Adduct of NacNacAl with Benzophenone and Its Coupling Chemistry. <i>Chemistry - A European Journal</i> , 2020, 26, 206-211.	3.3	20
4	Shedding Light on the Diverse Reactivity of NacNacAl with Heterocycles. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16147-16153.	13.8	9
5	Shedding Light on the Diverse Reactivity of NacNacAl with Heterocycles. <i>Angewandte Chemie</i> , 2020, 132, 16281-16287.	2.0	4
6	Synthetic and structural investigations of bis(alkyl-benzoselenadiazolium) cations. <i>Dalton Transactions</i> , 2019, 48, 12541-12548.	3.3	8
7	Structural diversity of the complexes of monovalent metal d ¹⁰ ions with macrocyclic aggregates of iso-tellurazole oxides. <i>New Journal of Chemistry</i> , 2019, 43, 12601-12608.	2.8	8
8	Reversing Organic-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
9	The Fama-French five-factor model: Evidence from the Johannesburg Stock Exchange. <i>Investment Analysts Journal</i> , 2019, 48, 240-261.	1.0	21
10	Interaction of Multiple Bonds with NacNacGa: Oxidative Cleavage vs Coupling and Cyclization. <i>Inorganic Chemistry</i> , 2019, 58, 8665-8672.	4.0	21
11	Asymmetric Entry into 10b-aza-Analogues of Amaryllidaceae Alkaloids Reveals a Pronounced Electronic Effect on Antiviral Activity. <i>ACS Omega</i> , 2018, 3, 11469-11476.	3.5	6
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	Liquidity and size effects on the Johannesburg Stock Exchange (JSE). <i>Investment Analysts Journal</i> , 2018, 47, 229-242.	1.0	3
14	A Synthetic, X-ray, NMR Spectroscopy and DFT Study of 1-Naphthyl Dihydrazone, Di(1-Naphthyl)acetylene, Tetra(1-Naphthyl)cyclopentadienone, and Hexa(1-Naphthyl)benzene: C ₆ (C ₁₀ H ₇) ₆ Is a Disordered Molecular Propeller. <i>ChemPlusChem</i> , 2017, 82, 433-441.	2.8	5
15	Manganese Silylene Hydride Complexes: Synthesis and Reactivity with Ethylene to Afford Silene Hydride Complexes. <i>Angewandte Chemie</i> , 2017, 129, 6319-6323.	2.0	8
16	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
17	Titelbild: Manganese Silylene Hydride Complexes: Synthesis and Reactivity with Ethylene to Afford Silene Hydride Complexes (<i>Angew. Chem.</i> 22/2017). <i>Angewandte Chemie</i> , 2017, 129, 6039-6039.	2.0	0
18	Protonation of Tetraphenyl- and 2,3,4-Triphenylcyclopentadienone - An NMR and X-ray Crystallographic Study. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 3249-3255.	2.4	3

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19	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
20	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
21	Supramolecular macrocycles reversibly assembled by Te π -O chalcogen bonding. <i>Nature Communications</i> , 2016, 7, 11299.	12.8	166
22	Idiosyncratic risk and anomaly persistence on the Johannesburg Stock Exchange (JSE). <i>Investment Analysts Journal</i> , 2016, 45, 31-46.	1.0	8
23	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
24	Metal-Induced Isomerization Yields an Intracellular Chelator that Disrupts Bacterial Iron Homeostasis. <i>Chemistry and Biology</i> , 2014, 21, 136-145.	6.0	16
25	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
26	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
27	Orientation development in solid-state extrusion and hot forming of polypropylene tubes. <i>Polymer Engineering and Science</i> , 2011, 51, 1446-1454.	3.1	2
28	Magnified hard x-ray image in one dimension. <i>Applied Physics Letters</i> , 2010, 96, 261907.	3.3	0
29	Cationic Thorium Alkyl Complexes of Rigid NON- and NNN-Donor Ligands: π -Arene Coordination as a Persistent Structural Motif. <i>Organometallics</i> , 2009, 28, 1891-1899.	2.3	55
30	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
31	Investigations of the Phase Transition and Proton Dynamics in Rubidium Methane Phosphonate Studied by Solid-State NMR. <i>Journal of Physical Chemistry C</i> , 2008, 112, 5221-5231.	3.1	10
32	Mn(II) and Cu(II) Complexes of a Dithiadiazolyl Radical Ligand: Monomer/Dimer Equilibria in Solution. <i>Inorganic Chemistry</i> , 2007, 46, 3934-3945.	4.0	59
33	Chain Orientation in Polyethylene Fibers Prepared by Ethylene Nanoextrusion Polymerization. <i>Macromolecular Rapid Communications</i> , 2006, 27, 1217-1222.	3.9	10
34	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 . <i>CrystEngComm</i> , 2002, 4, 205.	2.6	11
35	Alkynylcyclohexanol Chairs and Twist-Boats: A Co ₂ (CO) ₆ as a Conformational Switch. <i>Journal of Organic Chemistry</i> , 2001, 66, 8585-8591.	3.2	15
36	Phosphorus Chemical Shift Tensors for Tetramethyldiphosphine Disulfide: 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