

Nicola Bell

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Engineering Highly Reduced Molybdenum Polyoxometalates via the Incorporation of <i>d</i> and <i>f</i> Block Metal Ions. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	3
2	Engineering Highly Reduced Molybdenum Polyoxometalates via the Incorporation of <i>d</i> and <i>f</i> Block Metal Ions. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	20
3	Peptide sequence mediated self-assembly of molybdenum blue nanowheel superstructures. <i>Chemical Science</i> , 2021, 12, 2427-2432.	3.7	14
4	Cu(OTf) ₂ -Mediated Cross-Coupling of Nitriles and N-Heterocycles with Arylboronic Acids to Generate Nitrilium and Pyridinium Products**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7935-7940.	7.2	11
5	Cu(OTf) ₂ -Mediated Cross-Coupling of Nitriles and N-Heterocycles with Arylboronic Acids to Generate Nitrilium and Pyridinium Products**. <i>Angewandte Chemie</i> , 2021, 133, 8014-8019.	1.6	0
6	Enantioselective Recognition of Racemic Amino Alcohols in Aqueous Solution by Chiral Metal-Oxide Keplerate {Mo ₁₃₂ } Cluster Capsules. <i>Chemistry - A European Journal</i> , 2021, 27, 12327-12334.	1.7	15
7	Chemputation and the Standardization of Chemical Informatics. <i>Jacs Au</i> , 2021, 1, 1572-1587.	3.6	47
8	Design of Experiments for Optimization of Polyoxometalate Syntheses. <i>Chemistry of Materials</i> , 2021, 33, 7263-7271.	3.2	3
9	Elucidating the paramagnetic interactions of an inorganic-organic hybrid radical-functionalized Mn-Anderson cluster. <i>Dalton Transactions</i> , 2021, 50, 2350-2353.	1.6	5
10	Exploring the Geometric Space of Metal-Organic Polyhedrons (MOPs) of Metal-Oxo Clusters. <i>Inorganic Chemistry</i> , 2021, 60, 14772-14778.	1.9	6
11	Facile and Reproducible Electrochemical Synthesis of the Giant Polyoxomolybdates. <i>Journal of the American Chemical Society</i> , 2021, 143, 20059-20063.	6.6	10
12	Reactivity, Formation, and Solubility of Polyoxometalates Probed by Calorimetry. <i>Journal of the American Chemical Society</i> , 2020, 142, 20463-20469.	6.6	21
13	A Modular Programmable Inorganic Cluster Discovery Robot for the Discovery and Synthesis of Polyoxometalates. <i>ACS Central Science</i> , 2020, 6, 1587-1593.	5.3	21
14	Synthesis, Assembly, and Sizing of Neutral, Lanthanide Substituted Molybdenum Blue Wheels {Mo ₉₀ Ln ₁₀ }. <i>Journal of the American Chemical Society</i> , 2020, 142, 17508-17514.	6.6	39
15	First experimental evidence for a bis-ethene chromium(I) complex forming from an activated ethene oligomerization catalyst. <i>Science Advances</i> , 2020, 6, .	4.7	17
16	An Autonomous Chemical Robot Discovers the Rules of Inorganic Coordination Chemistry without Prior Knowledge. <i>Angewandte Chemie</i> , 2020, 132, 11352-11357.	1.6	6
17	Embedding alkenes within an icosahedral inorganic fullerene {(NH ₄) ₄₂ [Mo ₁₃₂ O ₃₇₂ (L) ₃₀ (H ₂ O) ₇₂]} for trapping volatile organics. <i>Chemical Science</i> , 2020, 11, 2388-2393.		
18	An Autonomous Chemical Robot Discovers the Rules of Inorganic Coordination Chemistry without Prior Knowledge. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11256-11261.	7.2	46

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19	Uranyl to Uranium(IV) Conversion through Manipulation of Axial and Equatorial Ligands. Journal of the American Chemical Society, 2018, 140, 3378-3384.	6.6	42
20	Multi-electron reduction of sulfur and carbon disulfide using binuclear uranium(μ_3) borohydride complexes. Chemical Science, 2017, 8, 3609-3617.	3.7	27
21	Inner-sphere vs. outer-sphere reduction of uranyl supported by a redox-active, donor-expanded dipyrin. Chemical Science, 2017, 8, 108-116.	3.7	64
22	Relativistic DFT and experimental studies of mono- and bis-actinyl complexes of an expanded Schiff-base polypyrrole macrocycle. Dalton Transactions, 2016, 45, 15910-15921.	1.6	15
23	Controlling uranyl oxo group interactions to group 14 elements using polypyrrolic Schiff-base macrocyclic ligands. Dalton Transactions, 2016, 45, 15902-15909.	1.6	29
24	Thorium Mono- and Bis(imido) Complexes Made by Reprotonation of <i>cyclo</i> -Metalated Amides. Journal of the American Chemical Society, 2015, 137, 10492-10495.	6.6	80
25	Homo- and heteroleptic alkoxy-carbene f-element complexes and their reactivity towards acidic N-H and C-H bonds. Dalton Transactions, 2014, 43, 14346-14358.	1.6	38
26	Protonolysis and thermolysis reactions of functionalised NHC-carbene boranes and borates. Dalton Transactions, 2014, 43, 15419-15428.	1.6	3
27	Homoleptic π -sandwich complexes of substituted tris(methimazolyl)borate ligands with ruthenium, rhodium and palladium. Dalton Transactions, 2013, 42, 11281.	1.6	4
28	Insertion and Substitution Chemistry at the Boron Fourth Position in Charge-Neutral Zwitterionic Tripodal Tris(methimazolyl)borate Ligands. Inorganic Chemistry, 2012, 51, 3677-3689.	1.9	11
29	π -Twisted-scorpionates: synthesis of a tris(2-pyridonyl)borate (Thp) ligand; lessons in the requirements for successful B(L2D)3 type ligands. Chemical Communications, 2011, 47, 11659.	2.2	9