

Richard C Knighton

List of Publications by Year in descending order

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papers

456
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858243

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#	ARTICLE	IF	CITATIONS
1	Cooperative Luminescence and Cooperative Sensitisation Upconversion of Lanthanide Complexes in Solution. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	35
2	Cooperative Luminescence and Cooperative Sensitisation Upconversion of Lanthanide Complexes in Solution. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	4
3	Upconversion in a $\text{[RuYb}_3\text{]}$ Supramolecular Assembly. <i>Journal of the American Chemical Society</i> , 2022, 144, 13356-13365.	6.6	16
4	Cyclam-Based Chelators Bearing Phosphonated Pyridine Pendants for ^{64}Cu -PET Imaging: Synthesis, Physicochemical Studies, Radiolabeling, and Bioimaging. <i>Inorganic Chemistry</i> , 2021, 60, 2634-2648.	1.9	13
5	Investigation of the Supramolecular Assembly of Luminescent Lanthanide Nanoparticles Surface Functionalized by <i>p</i> -Sulfonato-Calix[4]arenes with Charged Aromatic Compounds. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 3761-3770.	1.0	5
6	Sodium cation-templated synthesis of an ion-pair binding heteroditopic [2]catenane. <i>Organic Chemistry Frontiers</i> , 2021, 8, 2468-2472.	2.3	14
7	Upconversion in molecular hetero-nonanuclear lanthanide complexes in solution. <i>Chemical Communications</i> , 2021, 57, 53-56.	2.2	36
8	Luminescent Anion Sensing by Transition-Metal Dipyridylbenzene Complexes Incorporated into Acyclic, Macrocyclic and Interlocked Hosts. <i>Chemistry - A European Journal</i> , 2020, 26, 5288-5296.	1.7	21
9	Formation of Heteropolynuclear Lanthanide Complexes Using Macrocyclic Phosphonated Cyclam-Based Ligands. <i>Inorganic Chemistry</i> , 2020, 59, 10311-10327.	1.9	8
10	Synthesis and Reactivity of a Bis-Strained Alkyne Derived from 1,1'-Biphenyl-2,2',6,6'-tetrol. <i>ACS Omega</i> , 2019, 4, 2160-2167.	1.6	3
11	A strained alkyne-containing bipyridine reagent; synthesis, reactivity and fluorescence properties. <i>RSC Advances</i> , 2019, 9, 36154-36161.	1.7	3
12	Solution, Solid-State, and Computational Analysis of Agostic Interactions in a Coherent Set of Low-Coordinate Rhodium(III) and Iridium(III) Complexes. <i>Chemistry - A European Journal</i> , 2018, 24, 4927-4938.	1.7	19
13	Combining Electronic and Steric Effects To Generate Hindered Propargylic Alcohols in High Enantiomeric Excess. <i>Organic Letters</i> , 2018, 20, 975-978.	2.4	30
14	Synthesis of Enantiomerically Pure and Racemic Benzyl-Tethered Ru(II)/TsDPEN Complexes by Direct Arene Substitution: Further Complexes and Applications. <i>Organometallics</i> , 2018, 37, 48-64.	1.1	22
15	Synthesis and cycloaddition reactions of strained alkynes derived from 2,2'-dihydroxy-1,1'-biaryls. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 8965-8975.	1.5	7
16	Asymmetric transfer hydrogenation of acetophenone derivatives using Δ^2 -benzyl-tethered ruthenium (II)/TsDPEN complexes bearing $\hat{1}$ -6-(p-OR) ($R^A = \text{H, iPr, Bn, Ph}$) ligands. <i>Journal of Organometallic Chemistry</i> , 2018, 875, 72-79.	0.8	12
17	Synthesis, structure and binding properties of a series of dissymmetric resorcin[4]arene-based cavitands. <i>Tetrahedron</i> , 2017, 73, 4591-4596.	1.0	6
18	Potassium Binding Adjacent to Cationic Transition-Metal Fragments: Unusual Heterobimetallic Adducts of a Calix[4]arene-Based Thione Ligand. <i>Inorganic Chemistry</i> , 2017, 56, 14345-14350.	1.9	7

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19	Rotaxane synthesis exploiting the M(i)/M(iii) redox couple. Dalton Transactions, 2017, 46, 11645-11655.	1.6	4
20	Axle component separated ion-pair recognition by a neutral heteroditopic [2]rotaxane. Chemical Communications, 2014, 50, 1540-1542.	2.2	37
21	Halotriazolium Axle Functionalised [2]Rotaxanes for Anion Recognition: Investigating the Effects of Halogen-Bond Donor and Preorganisation. Chemistry - A European Journal, 2014, 20, 11740-11749.	1.7	47
22	Lanthanide appended rotaxanes respond to changing chloride concentration. Chemical Science, 2013, 4, 489-493.	3.7	44
23	Fluorogenic dansyl-ligated gold nanoparticles for the detection of sulfur mustard by displacement assay. Chemical Communications, 2013, 49, 2293.	2.2	33
24	A one-step synthesis towards new ligands based on aryl-functionalised thiazolo[5,4-d]thiazole chromophores. Tetrahedron Letters, 2010, 51, 5419-5422.	0.7	30