V Nicholas Vukotic

List of Publications by Year
in descending order

24 papers	1,717 citations	394421 19 h-index	526287 27 g-index
30 all docs	30 docs citations	30 times ranked	1561 citing authors

#	Article	IF	Citations
1	Holding Open Micropores with Water: Hydrogen-Bonded Networks Supported by Hexaaquachromium(III) Cations. CheM, 2018, 4, 868-878.	11.7	16
2	Optical Distinction between â€œSlowâ€•and â€œFastâ€•Translational Motion in Degenerate Molecular Shuttles. Angewandte Chemie, 2017, 129, 6232-6237.	2.0	10
3	Optical Distinction between â€œSlowâ€•and â€œFastâ€•Translational Motion in Degenerate Molecular Shuttles. Angewandte Chemie - International Edition, 2017, 56, 6136-6141.	13.8	38
4	Reversible mechanical protection: building a 3D â€œsuitâ€•around a T-shaped benzimidazole axle. Chemical Science, 2017, 8, 3898-3904.	7.4	24
5	Acidâ€Base Switchable [2]â€•and [3]Rotaxane Molecular Shuttles with Benzimidazolium and Bis(pyridinium) Recognition Sites. Chemistry - an Asian Journal, 2016, 11, 3258-3266.	3.3	32
6	Building hydrogen-bonded networks from metal complexes containing the heterotopic (N or O) ligand 4,4â€²-bipyridine-N-monoxide. Supramolecular Chemistry, 2016, 28, 151-160.	1.2	5
7	Conformational Study of N,Nâ€²-Diacyl Bispidines and Dioxo Bis-bispidines: Planar Chirality and Molecular Switching. Journal of Organic Chemistry, 2016, 81, 2981-2986.	3.2	11
8	Mechanically Interlocked Linkers inside Metalâ€“Organic Frameworks: Effect of Ring Size on Rotational Dynamics. Journal of the American Chemical Society, 2015, 137, 9643-9651.	13.7	98
9	A molecular shuttle that operates inside a metalâ€“organic framework. Nature Chemistry, 2015, 7, 514-519.	13.6	247
10	Assembly of a M4L4 â€œfolded-cubeâ€•using a T-shaped, right-angled ligand. Dalton Transactions, 2015, 44, 898-902.	3.3	8
11	Structural analysis of bis-bispidine tetraazamacrocycle: Long-range weak interactions in a channeled organic crystal. Journal of Molecular Structure, 2015, 1081, 44-50.	3.6	6
12	Metalâ€“Organic Frameworks with Mechanically Interlocked Pillars: Controlling Ring Dynamics in the Solid-State via a Reversible Phase Change. Journal of the American Chemical Society, 2014, 136, 7403-7409.	13.7	127
13	Heterolytic Activation of H₂ Using a Mechanically Interlocked Molecule as a Frustrated Lewis Base. Angewandte Chemie - International Edition, 2013, 52, 960-963.	13.8	77
14	Reactions of substituted pyridines with electrophilic boranes. Dalton Transactions, 2012, 41, 2131-2139.	3.3	14
15	Bis(benzimidazolium) axles and crown ether wheels: a versatile templating pair for the formation of [2]rotaxane molecular shuttles. Chemical Science, 2012, 3, 3265.	7.4	76
16	Metalâ€“organic frameworks with dynamic interlocked components. Nature Chemistry, 2012, 4, 456-460.	13.6	260
17	[2]Pseudorotaxanes from T-Shaped Benzimidazolium Axles and [24]Crown-8 Wheels. Organic Letters, 2012, 14, 2484-2487.	4.6	52
18	Coordination polymers containing rotaxane linkers. Chemical Society Reviews, 2012, 41, 5896.	38.1	213

#	Article	IF	Citations
19	Molecular Shuttling of a Compact and Rigid Hâ€Shaped [2]Rotaxane. Angewandte Chemie - International Edition, 2012, 51, 2168-2172.	13.8	139
20	A tetrapyridine ligand with a rigid tetrahedral core forms metalâ€“organic frameworks with PtS type architecture. Chemical Communications, 2011, 47, 8545.	4.1	29
21	Linking [2]rotaxane wheels to create a new type of metal organic rotaxane framework. Chemical Communications, 2011, 47, 896-898.	4.1	54
22	Rotaxanes Based on the 1,2â€Bis(pyridinio)ethaneâ€“24â€Crownâ€8 Templating Motif. European Journal of Organic Chemistry, 2011, 2011, 1763-1770.	2.4	20
23	Oneâ€, Twoâ€and Threeâ€Periodic Metalâ€“Organic Rotaxane Frameworks (MORFs): Linking Cationic Transitionâ€Metal Nodes with an Anionic Rotaxane Ligand. Chemistry - A European Journal, 2010, 16, 13630-13637.	3.3	56
24	Eliminating the need for independent counterions in the construction of metalâ€“organic rotaxane frameworks (MORFs). Chemical Communications, 2009, , 5585.	4.1	60