

Paul J Lusby

List of Publications by Year in descending order

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33
papers

1,575
citations

361413

20
h-index

345221

36
g-index

45
all docs

45
docs citations

45
times ranked

1457
citing authors

#	ARTICLE	IF	CITATIONS
1	Luminescent, Enantiopure, Phenylatopyridine Iridium-Based Coordination Capsules. <i>Journal of the American Chemical Society</i> , 2012, 134, 19334-19337.	13.7	182
2	High Activity and Efficient Turnover by a Simple, Self-Assembled "Artificial Diels-Alderase". <i>Journal of the American Chemical Society</i> , 2018, 140, 2862-2868.	13.7	166
3	Maximizing Coordination Capsule "Guest Polar Interactions in Apolar Solvents Reveals Significant Binding. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15022-15026.	13.8	136
4	Orthogonal Selection and Fixing of Coordination Self-Assembly Pathways for Robust Metallo-organic Ensemble Construction. <i>Journal of the American Chemical Society</i> , 2016, 138, 9308-9315.	13.7	102
5	Stimuli-Responsive Reversible Assembly of 2D and 3D Metallosupramolecular Architectures. <i>Journal of the American Chemical Society</i> , 2009, 131, 16398-16400.	13.7	99
6	Visualizing Kinetically Robust Co ^{III} ₄ L ₆ Assemblies <i>in Vivo</i> : SPECT Imaging of the Encapsulated [^{99m} Tc]TcO ₄ ⁻ Anion. <i>Journal of the American Chemical Society</i> , 2018, 140, 16877-16881.	13.7	82
7	Host "Guest-Induced Electron Transfer Triggers Radical-Cation Catalysis. <i>Journal of the American Chemical Society</i> , 2020, 142, 2134-2139.	13.7	74
8	Rationalizing the Activity of an "Artificial Diels-Alderase". Establishing Efficient and Accurate Protocols for Calculating Supramolecular Catalysis. <i>Journal of the American Chemical Society</i> , 2020, 142, 1300-1310.	13.7	68
9	Shapes of supramolecular cages by ion mobility mass spectrometry. <i>Chemical Communications</i> , 2012, 48, 4423-4425.	4.1	62
10	Non-equilibrium cobalt(III) "click" capsules. <i>Chemical Science</i> , 2015, 6, 756-760.	7.4	57
11	Maximizing Coordination Capsule "Guest Polar Interactions in Apolar Solvents Reveals Significant Binding. <i>Angewandte Chemie</i> , 2016, 128, 15246-15250.	2.0	51
12	Synergistic Noncovalent Catalysis Facilitates Base-Free Michael Addition. <i>Journal of the American Chemical Society</i> , 2020, 142, 17743-17750.	13.7	51
13	[Cr ^{III} ₈ M ^{II} ₆] ¹²⁺ Coordination Cubes (M ^{II} =Cu, Co). <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6761-6764.	13.8	42
14	Navigated Self-Assembly of a Pd ₂ L ₄ Cage by Modulation of an Energy Landscape under Kinetic Control. <i>Journal of the American Chemical Society</i> , 2019, 141, 19669-19676.	13.7	39
15	Non-covalent allosteric regulation of capsule catalysis. <i>Chemical Science</i> , 2020, 11, 3236-3240.	7.4	38
16	Quantitative Analysis of Self-Assembly Process of a Pd ₂ L ₄ Cage Consisting of Rigid Ditopic Ligands. <i>Chemistry - A European Journal</i> , 2018, 24, 663-671.	3.3	35
17	Computational Modeling of Supramolecular Metallo-organic Cages "Challenges and Opportunities. <i>ACS Catalysis</i> , 2022, 12, 5806-5826.	11.2	24
18	Discrimination of supramolecular chirality using a protein nanopore. <i>Chemical Science</i> , 2017, 8, 5005-5009.	7.4	22

#	ARTICLE	IF	CITATIONS
19	Exploiting host-guest chemistry to manipulate magnetic interactions in metallosupramolecular M_4L_6 tetrahedral cages. <i>Chemical Science</i> , 2021, 12, 5134-5142.	7.4	22
20	$[M_{II}2M_{II}3]^{n+}$ trigonal bipyramidal cages based on diamagnetic and paramagnetic metalloligands. <i>Chemical Science</i> , 2017, 8, 5526-5535.	7.4	18
21	Modular $[Fe^{III}_8M_{II}_6]^{n+}$ ($M_{II} = Pd, Co, Ni, Cu$) Coordination Cages. <i>Inorganic Chemistry</i> , 2018, 57, 3500-3506.	4.0	17
22	Electrostatic Forces in Field-Perturbed Equilibria: Nanopore Analysis of Cage Complexes. <i>CheM</i> , 2019, 5, 1275-1292.	11.7	17
23	Nanopore Detection of Single-Molecule Binding within a Metallosupramolecular Cage. <i>Chemistry - A European Journal</i> , 2018, 24, 4542-4546.	3.3	12
24	Exploiting Supramolecular Interactions to Control Isomer Distributions in Reduced-Symmetry $[Pd_2L_4]^{4+}$ Cages. <i>Inorganic Chemistry</i> , 2023, 62, 1833-1844.	4.0	12
25	$[Cr^{III}_8M_{II}_6]^{n+}$ ($M_{II} = Cu, Co$) face-centred, metallosupramolecular cubes. <i>CrystEngComm</i> , 2016, 18, 4914-4920.	2.6	10
26	Kinetic selection of Pd_4L_2 metallocyclic and Pd_6L_3 trigonal prismatic assemblies. <i>Chemical Communications</i> , 2020, 56, 11799-11802.	4.1	6
27	Guest-induced magnetic exchange in paramagnetic $[M_2L_4]^{4+}$ coordination cages. <i>Dalton Transactions</i> , 2022, 51, 8377-8381.	3.3	5
28	Host-Guest Chemistry of Self-Assembled Hemi-Cage Systems: The Dramatic Effect of Lost Pre-Organization. <i>Israel Journal of Chemistry</i> , 2019, 59, 257-266.	2.3	4
29	Supramolecular coordination chemistry. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2008, 104, 297.	0.8	3
30	$[Cr_{III}8Ni_{II}6]^{n+}$ Heterometallic Coordination Cubes. <i>Molecules</i> , 2021, 26, 757.	3.8	1
31	Utilizing Raman Spectroscopy as a Tool for Solid- and Solution-Phase Analysis of Metalloorganic Cage Host-Guest Complexes. <i>Inorganic Chemistry</i> , 2022, , .	4.0	1
32	Inside Cover: Sequential, Kinetically Controlled Synthesis of Multicomponent Stereoisomeric Assemblies (<i>Angew. Chem. Int. Ed.</i> 17/2012). <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3978-3978.	13.8	0
33	Innentitelbild: Sequential, Kinetically Controlled Synthesis of Multicomponent Stereoisomeric Assemblies (<i>Angew. Chem.</i> 17/2012). <i>Angewandte Chemie</i> , 2012, 124, 4048-4048.	2.0	0