

Vincent J Smith

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8878677/vincent-j-smith-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52
papers

906
citations

18
h-index

28
g-index

62
ext. papers

1,028
ext. citations

5.2
avg, IF

4.6
L-index

#	Paper	IF	Citations
52	Top-Down Synthesis of a Lamivudine-Zidovudine Nano Co-Crystal. <i>Crystals</i> , 2021 , 11, 33	2.3	5
51	High Pressure In Situ Single-Crystal X-Ray Diffraction Reveals Turnstile Linker Rotation Upon Room-Temperature Stepped Uptake of Alkanes. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 13430-13435	16.4	6
50	High Pressure In Situ Single-Crystal X-Ray Diffraction Reveals Turnstile Linker Rotation Upon Room-Temperature Stepped Uptake of Alkanes. <i>Angewandte Chemie</i> , 2021 , 133, 13542-13547	3.6	
49	Nano Co-Crystal Embedded Stimuli-Responsive Hydrogels: A Potential Approach to Treat HIV/AIDS. <i>Pharmaceutics</i> , 2021 , 13,	6.4	8
48	A Comparative Study of the Effect of Different Stabilizers on the Critical Quality Attributes of Self-Assembling Nano Co-Crystals. <i>Pharmaceutics</i> , 2020 , 12,	6.4	8
47	Quality by Design Optimization of Cold Sonochemical Synthesis of Zidovudine-Lamivudine Nanosuspensions. <i>Pharmaceutics</i> , 2020 , 12,	6.4	10
46	Direct Determination of Enthalpies of Sorption Using Pressure-Gradient Differential Scanning Calorimetry: CO Sorption by Cu-HKUST. <i>ChemSusChem</i> , 2020 , 13, 102-105	8.3	6
45	Cocrystals: Solution, Mechanochemistry, and Sublimation. <i>Crystal Growth and Design</i> , 2020 , 20, 1139-1149	9.5	22
44	Crystallisation of organic salts by sublimation: salt formation from the gas phase. <i>CrystEngComm</i> , 2020 , 22, 7826-7831	3.3	6
43	Synthesis, Structure and In Vitro Anti-Trypanosomal Activity of Non-Toxic Arylpyrrole-Based Chalcone Derivatives. <i>Molecules</i> , 2020 , 25,	4.8	6
42	Hand-twistable plastically deformable crystals of a rigid small organic molecule. <i>Chemical Communications</i> , 2018 , 54, 2994-2997	5.8	43
41	New thiazolidine-2,4-dione derivatives combined with organometallic ferrocene: Synthesis, structure and antiparasitic activity. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4385	3.1	13
40	Large volumetric thermal expansion of a novel organic cocrystal over a wide temperature range. <i>CrystEngComm</i> , 2018 , 20, 631-635	3.3	21
39	Reversible thermosaliency of 4-aminobenzonitrile. <i>Chemical Communications</i> , 2018 , 54, 6208-6211	5.8	19
38	Pore Wall-Functionalized Luminescent Cd(II) Framework for Selective CO ₂ Adsorption, Highly Specific 2,4,6-Trinitrophenol Detection, and Colorimetric Sensing of Cu ²⁺ Ions. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 10295-10306	8.3	73
37	A Bidentate Resorcinarene-Based Palladium Carbene Complex. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 1923-1929	2.3	4
36	Solvent- and Pressure-Induced Phase Changes in Two 3D Copper Glutarate-Based Metal-Organic Frameworks via Glutarate (+gauche ? -gauche) Conformational Isomerism. <i>Journal of the American Chemical Society</i> , 2017 , 139, 5923-5929	16.4	29

35	Molecular recognition and solvatomorphism of a cyclic peptoid: formation of a stable 1D porous framework. <i>CrystEngComm</i> , 2017 , 19, 4704-4708	3.3	14
34	Rare, hypodentate L- β coordination mode of N,N-dialkyl-N ² -aroylthioureas leads to unprecedented mixed-ligand [Pt(phen)(L- β) ₂] complexes. <i>New Journal of Chemistry</i> , 2017 , 41, 14995-15002	3.6	7
33	Creation of new guest accessible space under gas pressure in a flexible MOF: multidimensional insight through combination of in situ techniques. <i>Chemical Communications</i> , 2016 , 52, 11374-11377	5.8	20
32	Solid-State Conformational Flexibility at Work: Zipping and Unzipping within a Cyclic Peptoid Single Crystal. <i>Angewandte Chemie</i> , 2016 , 128, 4757-4760	3.6	5
31	Thermoresponsive Organic Inclusion Compounds: Modification of Thermal Expansion Behavior by Simple Guest Replacement. <i>Chemistry of Materials</i> , 2016 , 28, 5073-5079	9.6	19
30	Solid-State Conformational Flexibility at Work: Zipping and Unzipping within a Cyclic Peptoid Single Crystal. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 4679-82	16.4	28
29	Ring size effect on the solid state assembly of propargyl substituted hexa- and octacyclic peptoids. <i>CrystEngComm</i> , 2016 , 18, 8838-8848	3.3	12
28	Giant Negative Area Compressibility Tunable in a Soft Porous Framework Material. <i>Journal of the American Chemical Society</i> , 2015 , 137, 9296-301	16.4	83
27	Design, Synthesis, and Evaluation of Novel Ferroquine and Phenylequine Analogues as Potential Antiplasmodial Agents. <i>ChemMedChem</i> , 2015 , 10, 2099-110	3.7	5
26	Inclusion complexes of 2-methoxyestradiol with dimethylated and permethylated β -cyclodextrins: models for cyclodextrin-steroid interaction. <i>Beilstein Journal of Organic Chemistry</i> , 2015 , 11, 2616-30	2.5	21
25	Concomitant polymorphs of p-iso-propylcalix[4]arene. <i>CrystEngComm</i> , 2015 , 17, 5129-5133	3.3	8
24	Extreme carbon dioxide sorption hysteresis in open-channel rigid metal-organic frameworks. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 2079-83	16.4	40
23	Solid state structures of p-cresol revisited. <i>CrystEngComm</i> , 2015 , 17, 5134-5138	3.3	1
22	Extreme Carbon Dioxide Sorption Hysteresis in Open-Channel Rigid Metal-Organic Frameworks. <i>Angewandte Chemie</i> , 2015 , 127, 2107-2111	3.6	10
21	Carbon dioxide entrapment in an organic molecular host. <i>Chemical Communications</i> , 2014 , 50, 85-7	5.8	17
20	Single-crystal to single-crystal guest exchange and phase transformations in a porous metallocycle. <i>CrystEngComm</i> , 2014 , 16, 4126-4132	3.3	14
19	A combined stretching-tilting mechanism produces negative, zero and positive linear thermal expansion in a semi-flexible Cd(II)-MOF. <i>Chemical Communications</i> , 2014 , 50, 6464-7	5.8	52
18	Uniaxial negative thermal expansion facilitated by weak host-guest interactions. <i>Chemical Communications</i> , 2014 , 50, 4238-41	5.8	44

17	Reactivity of Bis(pyridyl)-N-alkylamino Methylpalladium Complexes toward Ethylene: Insights from Experiment and Theory. <i>Organometallics</i> , 2014 , 33, 2247-2256	3.8	12
16	18-Crown-6 templates offset-linked pyrogallol[4]arene dimers. <i>Supramolecular Chemistry</i> , 2013 , 25, 591-595	5.5	6
15	A ring-closing metathesis approach to eight-membered benzannulated scaffolds and subsequent internal alkene isomerizations. <i>Tetrahedron</i> , 2013 , 69, 2038-2047	2.4	7
14	Tunable anisotropic thermal expansion of a porous zinc(II) metal-organic framework. <i>Journal of the American Chemical Society</i> , 2013 , 135, 6411-4	16.4	112
13	In-Situ Diffraction Studies of Gas Storage Materials on a Laboratory X-Ray System. <i>Materials Research Society Symposia Proceedings</i> , 2013 , 1544, 1		
12	1-tert-Butyl 2-ethyl 5-bromo-3-(thio-phen-2-ylcarbon-yl)-1H-indole-1,2-dicarboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o237		2
11	1-tert-Butyl 2-ethyl 5-chloro-3-(2-furo-yl)-1H-indole-1,2-dicarboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o446		
10	Syntheses, structures and luminescence behaviours of Group 12 metal(II) thiocyanate complexes with a tetradentate Schiff base: Variation in molecular and crystalline architectures with the change of congeneric metal ions. <i>Polyhedron</i> , 2012 , 38, 26-35	2.7	22
9	Concepts and Nomenclature in Chemical Crystallography 2012 ,		6
8	N-(2-Amino-pyridin-3-yl)-4-methyl-N-(4-methyl-phenyl-sulfon-yl)benzene-sulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o1136		2
7	N-(4-Amino-pyrimidin-5-yl)-4-methyl-N-(4-methyl-phenyl-sulfon-yl)benzene-sulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o3362		
6	5-Chloro-1-(4-methyl-phenyl-sulfon-yl)-1H-indole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o3357		2
5	1-[(1-Methyl-1H-imidazol-5-yl)meth-yl]-1H-indole-5-carbonitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o3486		
4	Cyclodextrin inclusion of four phenylurea herbicides: determination of complex stoichiometries and stability constants using solution ¹ H NMR spectroscopy. <i>Supramolecular Chemistry</i> , 2010 , 22, 172-177	1.8	18
3	Investigation of the inclusion of the herbicide metobromuron in native cyclodextrins by powder X-ray diffraction and isothermal titration calorimetry. <i>Carbohydrate Research</i> , 2009 , 344, 2388-93	2.9	18
2	Preparation, Thermal Behaviour and Solid-state Structures of Inclusion Complexes of Permethylated- β -cyclodextrin with the Garlic-derived Antithrombotics (E)- and (Z)-Ajoene. <i>Supramolecular Chemistry</i> , 2004 , 16, 395-403	1.8	14
1	Characterization of (E)- and (Z)-ajoene inclusion complexes with β -cyclodextrin and permethylated- β -cyclodextrin using PXRD, single-crystal X-ray diffraction and thermal analysis. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2004 , 60, s217-s217		4