Richard F D'vries

List of Publications by Year
in descending order

51	816	643344 15	563245 28
papers	citations	h-index	g-index

51	51	51	1265
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis and antifungal activity of nitrophenyl-pyrazole substituted Schiff bases. Journal of Molecular Structure, 2022, 1253, 132289.	1.8	4
2	Highlighting Recent Crystalline Engineering Aspects of Luminescent Coordination Polymers Based on F-Elements and Ditopic Aliphatic Ligands. Molecules, 2022, 27, 3830.	1.7	2
3	Mechanochemical treatment of quercetin and curcumin to obtain eutectic mixtures with high antioxidant activity. CrystEngComm, 2021, 23, 4985-4993.	1.3	6
4	Gossypitrin, A Naturally Occurring Flavonoid, Attenuates Iron-Induced Neuronal and Mitochondrial Damage. Molecules, 2021, 26, 3364.	1.7	5
5	Estudio estructural y supramolecular del Ã¡cido 2-E-((4-hidroxifenil) diazenil) benzoico. Revista Colombiana De Quimica, 2021, 50, 40-48.	0.2	0
6	Rapanone, a naturally occurring benzoquinone, inhibits mitochondrial respiration and induces HepG2 cell death. Toxicology in Vitro, 2020, 63, 104737.	1.1	6
7	Synthesis, characterization, and redox potential properties of a new double-stranded Ni-bis(hydrazone)-based helicate. Journal of Solid State Chemistry, 2020, 292, 121692.	1.4	1
8	Multiple Reversible Dynamics of Pyrimidine Based Acylhydrazones. European Journal of Organic Chemistry, 2020, 2020, 4009-4017.	1.2	3
9	Biguanideâ€“transition metals complexes as potential drug for hyperglycemia treatment. RSC Advances, 2020, 10, 22856-22863.	1.7	9
10	Chain-like uranyl-coordination polymer as a bright green light emitter for sensing and sunlight driven photocatalysis. Journal of Materials Chemistry C, 2020, 8, 11102-11109.	2.7	7
11	Data of synthesis, characterization and luminescence measurements in 1D lanthanide coordination polymers based on lanthanides. Data in Brief, 2019, 27, 104709.	0.5	0
12	1D lanthanide coordination polymers based on lanthanides and 4â€²-hydroxi-4-biphenylcarboxylic acid: Synthesis, structures and luminescence properties. Journal of Solid State Chemistry, 2019, 274, 322-328.	1.4	8
13	Determination of the binding constants of propeller-like metal complexes of picolinaldehyde-2-pyridylhydrazone. Inorganica Chimica Acta, 2019, 487, 275-280.	1.2	6
14	Exploring physical and chemical properties in new multifunctional indium-, bismuth-, and zinc-based 1D and 2D coordination polymers. Dalton Transactions, 2018, 47, 1808-1818.	1.6	22
15	Synthesis, structural characterization and theoretical studies of a new Schiff base 4-(((3-(tert-Butyl)-(1-phenyl)pyrazol-5-yl) imino)methyl)phenol. Journal of Molecular Structure, 2018, 1152, 163-176.	1.8	19
16	Novel Isoniazid cocrystals with aromatic carboxylic acids: Crystal engineering, spectroscopy and thermochemical investigations. Journal of Molecular Structure, 2018, 1153, 58-68.	1.8	43
17	Structural characterization of a fluorescein hydrazone molecular switch with application towards logic gates. New Journal of Chemistry, 2018, 42, 18050-18058.	1.4	12
18	Structural, spectroscopic, and theoretical analysis of a molecular system based on		

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19	Avoiding irreversible 5-fluorocytosine hydration via supramolecular synthesis of pharmaceutical cocrystals. New Journal of Chemistry, 2018, 42, 14994-15005.	1.4	15
20	Mechanochemical Synthesis of a Multicomponent Solid Form: The Case of 5-Fluorocytosine Isoniazid Codrug. Crystal Growth and Design, 2018, 18, 5202-5209.	1.4	25
21	Spergulagenic Acid A: Isolation and single crystal structure elucidation. Journal of Molecular Structure, 2018, 1173, 937-941.	1.8	5
22	A facile synthesis of stable Î²-amino- N -/ O -hemiacetals through a catalyst-free three-component Mannich-type reaction. Tetrahedron Letters, 2017, 58, 1490-1494.	0.7	10
23	Photochemical and Electrochemical Triggered Bis(hydrazone) Switch. Chemistry - A European Journal, 2017, 23, 14872-14882.	1.7	22
24	New pyrazolino and pyrrolidino[60]fullerenes: the introduction of the hydrazone moiety for the formation of metal complexes. Journal of Physical Organic Chemistry, 2017, 30, e3601.	0.9	4
25	(E)-5-[1-Hydroxy-3-(3,4,5-trimethoxyphenyl)allylidene]-1,3-dimethylpyrimidine-2,4,6-trione: crystal structure and Hirshfeld surface analysis. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 1197-1201.	0.2	0
26	Orderâ€“disorder phase transition induced by proton transfer in a co-crystal of 2,4-dichlorobenzoic acid and trimethylamine N-oxide. CrystEngComm, 2017, 19, 3753-3759.	1.3	3
27	Novel LnMOFs based on tricarboxylate ligand: structures and topological representations. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C189-C189.	0.0	0
28	Supramolecular synthesis and thermochemical investigations of pharmaceutical inorganic isoniazid salts. CrystEngComm, 2016, 18, 6378-6388.	1.3	6
29	Theoretical and experimental comparative study of a derivative from 2-pyridinecarboxaldehyde which exhibits configurational dynamics. Journal of Molecular Structure, 2016, 1119, 286-295.	1.8	7
30	Rare earth coordination dinuclear compounds constructed from 3,5-dicarboxypyrazolate and succinate intermetallic bridges. New Journal of Chemistry, 2016, 40, 5338-5346.	1.4	5
31	Luminescence, chemical sensing and mechanical properties of crystalline materials based on lanthanideâ€“sulfonate coordination polymers. RSC Advances, 2016, 6, 110171-110181.	1.7	19
32	Tuning the structure, dimensionality and luminescent properties of lanthanide metalâ€“organic frameworks under ancillary ligand influence. Dalton Transactions, 2016, 45, 646-656.	1.6	27
33	Multiple Dynamics of Hydrazone Based Compounds. Journal of the Brazilian Chemical Society, 2015, , .	0.6	7
34	Synthesis and characterization of (6-{[2-(pyridin-2-yl)hydrazinylidene]methyl}pyridin-2-yl)methanol: a supramolecular and topological study. Acta Crystallographica Section C, Structural Chemistry, 2015, 71, 631-635.	0.2	2
35	Exploring the System Lanthanide/Succinate in the Formation of Porous Metalâ€“Organic Frameworks: Experimental and Theoretical Study. Crystal Growth and Design, 2015, 15, 3015-3023.	1.4	14
36	[4-(Allyloxy)phenyl](phenyl)methanone. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o814-o815.	0.2	0

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37	Ln-MOF Pseudo-Merohedral Twinned Crystalline Family as Solvent-Free Heterogeneous Catalysts. Crystal Growth and Design, 2014, 14, 2516-2521.	1.4	26
38	Enhancing Metalâ€“Organic Framework Net Robustness by Successive Linker Coordination Increase: From a Hydrogen-Bonded Two-Dimensional Supramolecular Net to a Covalent One Keeping the Topology. Crystal Growth and Design, 2014, 14, 5227-5233.	1.4	36
39	Multimetal rare earth MOFs for lighting and thermometry: tailoring color and optimal temperature range through enhanced disulfobenzoic triplet phosphorescence. Journal of Materials Chemistry C, 2013, 1, 6316.	2.7	138
40	H3O2 Bridging Ligand in a Metalâ€“Organic Framework. Insight into the Aqua-Hydroxoâ†”Hydroxyl Equilibrium: A Combined Experimental and Theoretical Study. Journal of the American Chemical Society, 2013, 135, 5782-5792.	6.6	42
41	Lanthanide Metalâ€“Organic Frameworks: Searching for Efficient Solvent-Free Catalysts. Inorganic Chemistry, 2012, 51, 11349-11355.	1.9	96
42	Mixed lanthanide succinateâ€“sulfate 3D MOFs: catalysts in nitroaromatic reduction reactions and emitting materials. Journal of Materials Chemistry, 2012, 22, 1191-1198.	6.7	61
43	Phase stability and magnetic properties of a new cobalt(II) coordination polymer based on 2-carboxyethylphosphonate and 1,10â€²-phenanthroline. Journal of Alloys and Compounds, 2012, 536, S507-S510.	2.8	4
44	Insight into the Correlation between Net Topology and Ligand Coordination Mode in New Lanthanide MOFs Heterogeneous Catalysts: A Theoretical and Experimental Approach. Crystal Growth and Design, 2012, 12, 5535-5545.	1.4	45
45	Supramolecular structures via hydrogen bonds and Ï€-stacking interactions in novel anthraquinonedisulfonates of zinc, nickel, cobalt, copper and manganese. Inorganica Chimica Acta, 2012, 382, 119-126.	1.2	19
46	One- and two-dimensional metalâ€“organic polymer of Sc(III) with sufonate-carboxylate ligand. Acta Crystallographica Section A: Foundations and Advances, 2011, 67, C433-C434.	0.3	0
47	Synthesis, crystal structure and magnetic characterization of metal(II) coordination polymers based on 2-carboxyethylphosphonic acid and 1,10-phenanthroline (metal=Cu, Co, Cd). Journal of Solid State Chemistry, 2011, 184, 3289-3298.	1.4	11
48	Hydrothermal synthesis of three-dimensional mixed sulfate-succinate MOFs. Acta Crystallographica Section A: Foundations and Advances, 2011, 67, C432-C432.	0.3	0
49	4-{2-[4-(Dimethylamino)phenyl]ethylidene}benzonitrile. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o1371-o1371.	0.2	5
50	N-(3-Nitrophenyl)maleimide. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o2734-o2735.	0.2	5
51	When Serendipity Knocks on the Door: Synthesis and Physicochemical Characterization of 7-Chloro-2,3-dihydro-5H-thiazolo[3,2-a]pyrimidin-5-one. Journal of the Brazilian Chemical Society, 0, , .	0.6	0