David R Manke

List of Publications by Year
in descending order

80	906	623574	477173
papers	citations	14 h-index	29 g-index

82	82	82	1057
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Molecular Chemistry of Consequence to Renewable Energy. Inorganic Chemistry, 2005, 44, 6879-6892.	1.9	200
2	Oxygen and hydrogen photocatalysis by two-electron mixed-valence coordination compounds. Coordination Chemistry Reviews, 2005, 249, 1316-1326.	9.5	103
3	Cobalt(II) Coordination Polymer as a Precatalyst for Selective Hydroboration of Aldehydes, Ketones, and Imines. Journal of Organic Chemistry, 2018, 83, 9442-9448.	1.7	79
4	Homochiral Metalâˆ'Organic Frameworks Based on Transition Metal Bisphosphonates. Chemistry of Materials, 2002, 14, 3866-3874.	3.2	72
5	Synthesis of functional bisphosphonates via new palladium-catalyzed bis-hydrophosphorylation reactions. Tetrahedron Letters, 2000, 41, 151-154.	0.7	53
6	Eclipsed M2X6 Compounds Exhibiting Very Short Metalâˆ'Metal Triple Bonds. Inorganic Chemistry, 2004, 43, 3618-3624.	1.9	34
7	Bis(alkylamido)phenylborane Complexes of Zirconium, Hafnium, and Vanadium. Inorganic Chemistry, 2003, 42, 4431-4436.	1.9	31
8	Carbon dioxide reduction by early metal compounds: A propensity for oxygen atom transfer. Inorganica Chimica Acta, 2011, 369, 203-214.	1.2	24
9	Active Metabolite of Aeruginascin (4-Hydroxy-N,N,N-trimethyltryptamine): Synthesis, Structure, and Serotonergic Binding Affinity. ACS Omega, 2020, 5, 16940-16943.	1.6	21
10	Bis(4-acetoxy-N,N-dimethyltryptammonium) fumarate: a new crystalline form of psilacetin, an alternative to psilocybin as a psilocin prodrug. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 900-902.	0.2	18
11	Titanium bis(alkylamido)phenylborane complexes. Inorganica Chimica Acta, 2003, 345, 235-240.	1.2	16
12	Genetic Survey of Psilocybe Natural Products. ChemBioChem, 2022, 23, .	1.3	16
13	Aryla˜Oxazoline Chelates of First-Row Transition Metals: Structures of {Î²-C,N-(o-C₆H₄)CMe₂(COCH₂CMe₂N)}FeCl(p) and		

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19	Bis(4-hydroxy-N-isopropyl-N-methyltryptammonium) fumarate: a new crystalline form of miprocin. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 514-517.	0.2	10
20	Synthesis, Structural Characterization, and Pharmacological Activity of Novel Quaternary Salts of 4-Substituted Tryptamines. ACS Omega, 2022, 7, 24888-24894.	1.6	10
21	The first-row transition-metal series of tris(ethylenediamine) diacetate complexes [M(en)₃](OAc)₂ (M is Mn, Fe, Co, Ni, Cu, and Zn). Acta Crystallographica Section C, Structural Chemistry, 2017, 73, 442-446.	0.2	8
22	The fumarate salts of the N-isopropyl-N-methyl derivatives of DMT and psilocin. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 1316-1320.	0.2	8
23	6-Bromo-1H-indole-2,3-dione hemihydrate. IUCrData, 2016, 1, .	0.1	7
24	First-row transition metalâ€“pyridine (py)â€“sulfate [(py)_xM](SO₄) complexes (M= Ni, Cu and Zn): crystal field theory in action. Acta Crystallographica Section C, Structural Chemistry, 2018, 74, 263-268.	0.2	6
25	Psilacetin derivatives: fumarate salts of the methylâ€“ethyl, methylâ€“allyl and diallyl variants of the psilocin prodrug. Acta Crystallographica Section E: Crystallographic Communications, 2021, 77, 101-106.	0.2	6
26	Mononuclear, dinuclear and polymeric cobalt(II) complexes built on 4-aryl-2,6-bis(2â€²-pyrazinyl)pyridines. Polyhedron, 2017, 132, 64-69.	1.0	5
27	A tripodal aminothioether ligand scaffold: Synthesis and coordination to zirconium and hafnium. Polyhedron, 2017, 121, 264-268.	1.0	5
28	2,5-Dimethylbufotenine and 2,5-dimethylbufotenidine: novel derivatives of natural tryptamines found in Bufo alvarius toads. Acta Crystallographica Section E: Crystallographic Communications, 2021, 77, 190-194.	0.2	5
29	4-Bromo-1H-indole-2,3-dione. IUCrData, 2016, 1, .	0.1	5
30	The crystal structures of iron and cobalt pyridine (py)â€“sulfates, [Fe(SO₄)(py)₄_n and [Co₃(SO₄)₃(py)₁₁]_n. Acta Crystallographica Section E: Crystallographic Communications, 2018, 74, 857-861.	0.2	5
31	The crystal structure of baeocystin. Acta Crystallographica Section E: Crystallographic Communications, 2022, 78, 550-553.	0.2	5
32	Facile synthesis of new divergent imidazole-containing ligands for a 1-D cobalt(II) coordination polymer. Polyhedron, 2017, 127, 355-360.	1.0	4
33	Crystal structure of 2,6-dimethyl-4-pyridone hemihydrate. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o533-o533.	0.2	4
34	DMT analogues: N-ethyl-N-propyltryptamine and N-allyl-N-methytryptamine as their hydrofumarate salts. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 1201-1205.	0.2	4
35	5-Bromo-1H-indole-2,3-dione. IUCrData, 2016, 1, .	0.1	4
36	4-Iodo-1H-indole-2,3-dione. IUCrData, 2016, 1, .	0.1	4

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37	5-MeO-DALT: the freebase of N,N-diallyl-5-methoxytryptamine. IUCrData, 2020, 5, .	0.1	4
38	Designing crystalline, flexible covalent metalâ€“organic networks through controlled ligand deprotection. CrystEngComm, 2019, 21, 4255-4257.	1.3	3
39	Quaternary tryptammonium salts:N,N-dimethyl-N-n-propyltryptammonium (DMPT) iodide andN-allyl-N,N-dimethyltryptammonium (DMALT) iodide. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 1357-1360.	0.2	3
40	The hydrochloride salt of 4-hydroxy-N,N-di-n-propyltryptamine (4-HO-DPT). IUCrData, 2020, 5, .	0.1	3
41	7-Bromo-1H-indole-2,3-dione. IUCrData, 2016, 1, .	0.1	3
42	4-Chloro-1H-indole-2,3-dione. IUCrData, 2016, 1, .	0.1	3
43	More crystal field theory in action: the metalâ€“4-picoline (pic)â€“sulfate [M(pic)_x]SO₄ complexes (MÂ= Fe, Co, Ni, Cu, Zn, and Cd). Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 568-574.	0.2	3
44	Crystal structure of serotonin. Acta Crystallographica Section E: Crystallographic Communications, 2022, 78, 365-368.	0.2	3
45	Crystal structure of 4-amino-2,6-dichlorophenol. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o406-o406.	0.2	2
46	A modular synthesis of tris(aryl)tren ligands: Synthesis, structure and lithiation chemistry. Inorganica Chimica Acta, 2017, 461, 71-77.	1.2	2
47	Bufotenidinium iodide. IUCrData, 2021, 6, .	0.1	2
48	`Foxtrot' fumarate: a water-soluble salt of N,N-diallyl-5-methoxytryptamine (5-MeO-DALT). Acta Crystallographica Section E: Crystallographic Communications, 2021, 77, 416-419.	0.2	2
49	The crystalline forms of nine hydrochloride salts of substituted tryptamines. Acta Crystallographica Section C, Structural Chemistry, 2021, 77, 615-620.	0.2	2
50	Crystal structure of 3,4-dimethoxyphenol. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o1019-o1019.	0.2	2
51	7-Iodo-1H-indole-2,3-dione. IUCrData, 2016, 1, .	0.1	2
52	4,6-Dichloro-1H-indole-2,3-dione. IUCrData, 2016, 1, .	0.1	2
53	The varied structures of cobalt(II)â€“pyridine (py)â€“sulfate: [Co(SO₄)(py)₄]_n, [Co₂(SO₄)₂(py)₆]_n, and [Co₃(SO₄)₃(py)₁₁]_n. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 1888-1891.	0.2	2
54	A cuboidal [Cu₄(SO₄)₄] structure supported by Î²-picoline ligands. Acta Crystallographica Section E: Crystallographic Communications, 2022, 78, 108-110.	0.2	2

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55	Dimethyl 2,2â€²-dinitrobiphenyl-4,4â€²-dicarboxylate. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o305-o305.	0.2	1
56	5-Methoxy-N,N-di-n-propyltryptamine (5-MeO-DPT): freebase and fumarate. Acta Crystallographica Section E: Crystallographic Communications, 2021, 77, 522-526.	0.2	1
57	Di-Î¼-chlorido-bis[(2,2â€²-bipyridine-ÎºÂ²N,Nâ€²)chlorido(N,N-dimethylformamide-ÎºO)nickel(II)]. IUCrData, 2016, 1,	0.1	1
58	2-(Phenylsulfanyl)aniline. IUCrData, 2016, 1, .	0.1	1
59	6-Fluoro-1H-indole-2,3-dione. IUCrData, 2016, 1, .	0.1	1
60	6-Iodo-1H-indole-2,3-dione. IUCrData, 2016, 1, .	0.1	1
61	6-Chloro-1H-indole-2,3-dione. IUCrData, 2016, 1, .	0.1	1
62	4,7-Dichloro-1H-indole-2,3-dione. IUCrData, 2016, 1, .	0.1	1
63	5,7-Dichloro-1H-indole-2,3-dione. IUCrData, 2016, 1, .	0.1	1
64	7-Methyl-1H-indole-2,3-dione. IUCrData, 2017, 2, .	0.1	1
65	Receptor binding profiles and behavioral effects of psilocybin analogs. FASEB Journal, 2022, 36, .	0.2	1
66	Dimethyl 2-aminobiphenyl-4,4â€²-dicarboxylate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o797-o797.	0.2	0
67	Dimethyl 2-nitrobiphenyl-4,4â€²-dicarboxylate. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o371-o371.	0.2	0
68	Crystal structure of dimethyl 9H-carbazole-2,7-dicarboxylate. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o784-o785.	0.2	0
69	4,4â€²-Oxybis(2,6-dimethylpyridinium) bis(trifluoromethanesulfonate). Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1633-o1634.	0.2	0
70	Crystal structure ofN,N,N-tris[(1,3-benzothiazol-2-yl)methyl]amine. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o786-o787.	0.2	0
71	Crystal structure of 3-(diethylamino)phenol. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o1075-o1075.	0.2	0
72	Bis[Î¼-2-(phenylsulfanyl)anilido-ÎºÂ²N:N]bis[bis(tetrahydrofuran-ÎºO)lithium]. IUCrData, 2016, 1, .	0.1	0

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73	2-Bromo-5-methylpyridine. IUCrData, 2016, 1, .	0.1	0
74	4-Methylcyclohexylp-toluenesulfonate. IUCrData, 2016, 1, .	0.1	0
75	1-(3,4-Dimethoxyphenyl)ethanone. IUCrData, 2016, 1, .	0.1	0
76	5,7-Dimethyl-1H-indole-2,3-dione. IUCrData, 2017, 2, .	0.1	0
77	Poly[diaqua(Î¼₃-2,3-dioxoindoline-5-sulfonato)sodium]. IUCrData, 2017, 2, .	0.1	0
78	5,6-Dibromo-1H-indole-2,3-dione. IUCrData, 2017, 2, .	0.1	0
79	Bis(4-hydroxy-N,N-di-n-propyltryptammonium) fumarate tetrahydrate. IUCrData, 2019, 4, .	0.1	0
80	Bis(oxotremorine) fumarate bis(fumaric acid). IUCrData, 2022, 7, .	0.1	0