

# David R Manke

## List of Publications by Citations

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55  
papers

699  
citations

11  
h-index

25  
g-index

82  
ext. papers

818  
ext. citations

1.8  
avg, IF

3.9  
L-index

#	Paper	IF	Citations
55	Molecular chemistry of consequence to renewable energy. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 6879-92	5.1	186
54	Oxygen and hydrogen photocatalysis by two-electron mixed-valence coordination compounds. <i>Coordination Chemistry Reviews</i> , <b>2005</b> , 249, 1316-1326	23.2	97
53	Homochiral Metal-Organic Frameworks Based on Transition Metal Bisphosphonates. <i>Chemistry of Materials</i> , <b>2002</b> , 14, 3866-3874	9.6	70
52	Cobalt(II) Coordination Polymer as a Precatalyst for Selective Hydroboration of Aldehydes, Ketones, and Imines. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 9442-9448	4.2	51
51	Synthesis of functional bisphosphonates via new palladium-catalyzed bis-hydrophosphorylation reactions. <i>Tetrahedron Letters</i> , <b>2000</b> , 41, 151-154	2	43
50	Eclipsed M <sub>2</sub> X <sub>6</sub> compounds exhibiting very short metal-metal triple bonds. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 3618-24	5.1	34
49	Bis(alkylamido)phenylborane complexes of zirconium, hafnium, and vanadium. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 4431-6	5.1	31
48	Carbon dioxide reduction by early metal compounds: A propensity for oxygen atom transfer. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 369, 203-214	2.7	24
47	Titanium bis(alkylamido)phenylborane complexes. <i>Inorganica Chimica Acta</i> , <b>2003</b> , 345, 235-240	2.7	15
46	Solid state aggregation of lithium and thallium(I) bis(alkylamido)phenylboranes. <i>Polyhedron</i> , <b>2006</b> , 25, 493-498	2.7	14
45	Aryloxazoline Chelates of First-Row Transition Metals: Structures of {EC,N-(o-C <sub>6</sub> H <sub>4</sub> )CMe <sub>2</sub> (COCH <sub>2</sub> CMe <sub>2</sub> N)}FeCl(py) and [(EC,N-(o-C <sub>6</sub> H <sub>4</sub> )CMe <sub>2</sub> (COCH <sub>2</sub> CMe <sub>2</sub> N))Cr(EDCl)] <sub>2</sub> <i>Organometallics</i> , <b>2010</b> , 29, 6642-6652	3.8	12
44	The elastic constants of rubrene determined by Brillouin scattering and density functional theory. <i>Applied Physics Letters</i> , <b>2017</b> , 110, 071903	3.4	11
43	N-Methyl-N-propyltryptamine (MPT). <i>IUCrData</i> , <b>2019</b> , 4,	0.7	10
42	Bis(4-acet-oxy-,di-methyl-tryptammonium) fumarate: a new crystalline form of psilacetin, an alternative to psilocybin as a psilocin prodrug. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2019</b> , 75, 900-902	0.7	9
41	Amalgamating 4?-substituted 4,2?:6?,4??-terpyridine ligands with double-helical chains or ladder-like networks. <i>RSC Advances</i> , <b>2016</b> , 6, 9270-9277	3.7	8
40	Active Metabolite of Aeruginascin (4-Hydroxy-,,-trimethyltryptamine): Synthesis, Structure, and Serotonergic Binding Affinity. <i>ACS Omega</i> , <b>2020</b> , 5, 16940-16943	3.9	7
39	Bis(4-hy-droxy--isopropyl--methyl-trypt-ammo-nium) fumarate: a new crystalline form of miprocin. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2020</b> , 76, 514-517	0.7	6

38	Norpsilocin: freebase and fumarate salt. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2020</b> , 76, 589-593	0.7	6
37	A tripodal aminothioether ligand scaffold: Synthesis and coordination to zirconium and hafnium. <i>Polyhedron</i> , <b>2017</b> , 121, 264-268	2.7	5
36	First-row transition metal-pyridine (py)-sulfate [(py)M](SO) complexes (M = Ni, Cu and Zn): crystal field theory in action. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2018</b> , 74, 263-268	0.8	5
35	The fumarate salts of the -isopropyl--methyl derivatives of DMT and psilocin. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2019</b> , 75, 1316-1320	0.7	5
34	The first-row transition-metal series of tris(ethylenediamine) diacetate complexes [M(en)](OAc) (M is Mn, Fe, Co, Ni, Cu, and Zn). <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2017</b> , 73, 442-446	0.8	4
33	DMT analogues: -ethyl--propyl-tryptamine and -allyl--methytryptamine as their hydro-fumarate salts. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2020</b> , 76, 1201-1205	0.7	4
32	5-MeO-DALT: the freebase of N,N-diallyl-5-methoxytryptamine. <i>IUCrData</i> , <b>2020</b> , 5,	0.7	4
31	Mononuclear, dinuclear and polymeric cobalt(II) complexes built on 4-aryl-2,6-bis(2?-pyrazinyl)pyridines. <i>Polyhedron</i> , <b>2017</b> , 132, 64-69	2.7	3
30	Facile synthesis of new divergent imidazole-containing ligands for a 1-D cobalt(II) coordination polymer. <i>Polyhedron</i> , <b>2017</b> , 127, 355-360	2.7	3
29	Crystal structure of 2,6-dimethyl-4-pyridone hemihydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2015</b> , 71, o533	0.7	3
28	The crystal structures of iron and cobalt pyridine (py)-sulfates, [Fe(SO)(py)] and [Co(SO)(py)]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2018</b> , 74, 857-861	0.7	3
27	Crystal structure of 4-amino-2,6-di-chloro-phenol. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2015</b> , 71, o406	0.7	2
26	Designing crystalline, flexible covalent metal-organic networks through controlled ligand deprotection. <i>CrystEngComm</i> , <b>2019</b> , 21, 4255-4257	3.3	2
25	More crystal field theory in action: the metal-4-picoline (pic)-sulfate [M(pic)]SO complexes (M = Fe, Co, Ni, Cu, Zn, and Cd). <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2019</b> , 75, 568-574	0.8	2
24	6-Bromo-1H-indole-2,3-dione hemihydrate. <i>IUCrData</i> , <b>2016</b> , 1,	0.7	2
23	4-Bromo-1H-indole-2,3-dione. <i>IUCrData</i> , <b>2016</b> , 1,	0.7	2
22	2,5-Di-methyl-bufo-tenine and 2,5-di-methyl-bufo-teni-dine: novel derivatives of natural tryptamines found in toads. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2021</b> , 77, 190-194	0.7	2
21	A modular synthesis of tris(aryl)tren ligands: Synthesis, structure and lithiation chemistry. <i>Inorganica Chimica Acta</i> , <b>2017</b> , 461, 71-77	2.7	1

20	Dimethyl 2,2Xdi-nitro-biphenyl-4,4Xdi-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2014</b> , 70, o305		1
19	Quaternary tryptammonium salts: , -dimethyl--propyl-tryptammonium (DMPT) iodide and -allyl-, -di-methyl-tryptammonium (DMALT) iodide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2020</b> , 76, 1357-1360	0.7	1
18	5-Bromo-1H-indole-2,3-dione. <i>IUCrData</i> , <b>2016</b> , 1,	0.7	1
17	4-Iodo-1H-indole-2,3-dione. <i>IUCrData</i> , <b>2016</b> , 1,	0.7	1
16	Di-Ethchlorido-bis[(2,2?-bipyridine-2N,N?)chlorido(N,N-dimethylformamide-D)]nickel(II). <i>IUCrData</i> , <b>2016</b> , 1,	0.7	1
15	The hydrochloride salt of 4-hydroxy-N,N-di-n-propyltryptamine (4-HO-DPT). <i>IUCrData</i> , <b>2020</b> , 5,	0.7	1
14	The varied structures of cobalt(II)-pyridine (py)-sulfate: [Co(SO)(py)] , [Co(SO)(py)] , and [Co(SO)(py)]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2019</b> , 75, 1888-1891	0.7	1
13	Crystal structure of 3,4-di-meth-oxy-phenol. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2015</b> , 71, o1019	0.7	1
12	XfoxtrotXFumarate: a water-soluble salt of , -di-allyl-5-methoxytryptamine (5-MeO-DALT). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2021</b> , 77, 416-419	0.7	1
11	Psilacetin derivatives: fumarate salts of the meth-yl-ethyl, meth-yl-allyl and diallyl variants of the psilocin prodrug. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2021</b> , 77, 101-106	0.7	1
10	The crystalline forms of nine hydrochloride salts of substituted tryptamines. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2021</b> , 77, 615-620	0.8	1
9	A cuboidal [Cu(SO)] structure supported by Picoline ligands.. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2022</b> , 78, 108-110	0.7	0
8	Crystal structure of serotonin.. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2022</b> , 78, 365-368	0.7	0
7	Crystal structure of dimethyl 9H-carbazole-2,7-di-carb-oxy-late. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2015</b> , 71, o784-5	0.7	
6	Dimethyl 2-nitro-biphenyl-4,4Xdi-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2014</b> , 70, o371		
5	Dimethyl 2-amino-biphenyl-4,4Xdi-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2013</b> , 69, o797		
4	Crystal structure of N,N,N-tris-[(1,3-benzo-thia-zol-2-yl)meth-yl]amine. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2015</b> , 71, o786-7	0.7	
3	Crystal structure of 3-(di-ethyl-amino)-phenol. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2015</b> , 71, o1075	0.7	

2 4,4XOxybis(2,6-di-methyl-pyridinium) bis-(tri-fluoro-methane-sulfonate). *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o1633-4

1 5-Meth-oxy-,di--propyl-tryptamine (5-MeO-DPT): freebase and fumarate. *Acta Crystallographica Section E: Crystallographic Communications*, **2021**, 77, 522-526

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