

# Neil Feeder

## List of Publications by Year in descending order

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105  
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3,826  
citations

117625  
34  
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133252  
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times ranked

4003  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Mixed Solvent on Co-Crystal Solubility, Ternary Phase Diagram, and Crystallization Scale Up. <i>Crystal Growth and Design</i> , 2016, 16, 1817-1823.	3.0	8
2	H-bond competition experiments in solution and the solid state. <i>CrystEngComm</i> , 2016, 18, 394-397.	2.6	21
3	Traversing the solid form jungle using the power of the Cambridge Structural Database. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2016, 72, s119-s119.	0.1	0
4	The integration of solid-form informatics into solid-form selection. <i>Journal of Pharmacy and Pharmacology</i> , 2015, 67, 857-868.	2.4	38
5	Solid form control and design through structural informatics. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2015, 71, s469-s469.	0.1	0
6	Molecular hybridization yields triazole bronchodilators for the treatment of COPD. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 5121-5126.	2.2	8
7	Knowledge-based approaches to co-crystal design. <i>CrystEngComm</i> , 2014, 16, 5839.	2.6	117
8	Evaluation of molecular crystal structures using Full Interaction Maps. <i>CrystEngComm</i> , 2013, 15, 65-72.	2.6	109
9	Optimized glucuronidation of dual pharmacology $\hat{1}^2$ -2 agonists/M3 antagonists for the treatment of COPD. <i>MedChemComm</i> , 2011, 2, 870.	3.4	7
10	Inhalation by Design: Novel Tertiary Amine Muscarinic M <sub>3</sub> Receptor Antagonists with Slow Off-Rate Binding Kinetics for Inhaled Once-Daily Treatment of Chronic Obstructive Pulmonary Disease. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 6888-6904.	6.4	31
11	Discovery of PF-184563, a potent and selective V1a antagonist for the treatment of dysmenorrhoea. The influence of compound flexibility on microsomal stability. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 5684-5687.	2.2	17
12	Inhalation by design: Dual pharmacology $\hat{1}^2$ -2 agonists/M3 antagonists for the treatment of COPD. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 2759-2763.	2.2	17
13	Discovery and synthesis of a new class of opioid ligand having a 3-azabicyclo[3.1.0]hexane core. An example of a "magic methyl" giving a 35-fold improvement in binding. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 4608-4611.	2.2	26
14	Discovery of a Selective Small-Molecule Melanocortin-4 Receptor Agonist with Efficacy in a Pilot Study of Sexual Dysfunction in Humans. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 3183-3197.	6.4	34
15	Inhalation by Design: Novel Ultra-Long-Acting $\hat{1}^2$ -Adrenoreceptor Agonists for Inhaled Once-Daily Treatment of Asthma and Chronic Obstructive Pulmonary Disease That Utilize a Sulfonamide Agonist Headgroup. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 6640-6652.	6.4	72
16	The Challenges of Developing an API Crystallization Process for a Complex Polymorphic and Highly Solvating System. Part I. <i>Organic Process Research and Development</i> , 2009, 13, 1327-1337.	2.7	57
17	Knowledge-based H-bond prediction to aid experimental polymorph screening. <i>CrystEngComm</i> , 2009, 11, 2634.	2.6	116
18	Hydrogen-bond motifs in the crystals of hydrophobic amino acids. <i>Acta Crystallographica Section B: Structural Science</i> , 2008, 64, 504-514.	1.8	12

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19	A Quick Method for the Quantitative Analysis of Mixtures. 1. Powder X-Ray Diffraction. Journal of Pharmaceutical Sciences, 2008, 97, 2260-2276.	3.3	12
20	Reactions of [Os <sub>3</sub> (CO) <sub>10</sub> (MeCN) <sub>2</sub> ] with ethynyl thiophenes: The formation of linked clusters. Inorganica Chimica Acta, 2008, 361, 3117-3124.	2.4	7
21	The Claisen rearrangement approach to fused bicyclic medium-ring oxacycles. Organic and Biomolecular Chemistry, 2008, 6, 693.	2.8	19
22	Discovery of Potent & Selective Inhibitors of Activated Thrombin-Activatable Fibrinolysis Inhibitor for the Treatment of Thrombosis. Journal of Medicinal Chemistry, 2007, 50, 6095-6103.	6.4	37
23	Microwave-assisted synthesis of mGluR1 ligands: carbon, nitrogen and oxygen linked derivatives of pyrido[3,4-d]pyrimidin-4-ylamines. Tetrahedron Letters, 2007, 48, 4293-4296.	1.4	10
24	Knowledge-based model of hydrogen-bonding propensity in organic crystals. Acta Crystallographica Section B: Structural Science, 2007, 63, 768-782.	1.8	143
25	Luminescent digold ethynyl thienothiophene and dithienothiophene complexes; their synthesis and structural characterisation. Dalton Transactions, 2005, , 874.	3.3	51
26	Solid State Dehydration Processes: Mechanism of Water Loss from Crystalline Inosine Dihydrate. Journal of Physical Chemistry B, 2005, 109, 5341-5347.	2.6	23
27	THE ORGANIC FERROMAGNET p-O <sub>2</sub> NC <sub>6</sub> F <sub>4</sub> CN <sub>2</sub> SSN. Phosphorus, Sulfur and Silicon and the Related Elements, 2004, 179, 975-976.	1.6	1
28	Synthesis, characterisation and optical spectroscopy of platinum(ii) di-ynes and poly-ynes incorporating condensed aromatic spacers in the backbone. Dalton Transactions, 2004, , 2377-2385.	3.3	101
29	DL-HistidineDL-tartrate. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o1273-o1274.	0.2	3
30	D-Histidinium (2S,3S)-tartrate. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o1374-o1375.	0.2	3
31	(R)-Histidinium (2R,3R)-tartrate. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o1476-o1477.	0.2	1
32	A Concise Synthesis of the Octalactins. Journal of the American Chemical Society, 2004, 126, 2194-2207.	13.7	71
33	Hydration in Molecular CrystalsA Cambridge Structural Database Analysis. Crystal Growth and Design, 2003, 3, 663-673.	3.0	176
34	Synchrotron X-ray study of [5,15-diphenyl-2,8,12,18-tetra-n-hexyl-3,7,13,17-tetramethylporphyrinato]nickel(II). Acta Crystallographica Section E: Structure Reports Online, 2003, 59, m818-m820.	0.2	1
35	Construction of Multiporphyrin Arrays Using Ruthenium and Rhodium Coordination to Phosphines. Inorganic Chemistry, 2003, 42, 6564-6574.	4.0	46
36	Synthesis and optical characterisation of platinum(ii) poly-yne polymers incorporating substituted 1,4-diethynylbenzene derivatives and an investigation of the intermolecular interactions in the diethynylbenzene molecular precursorsElectronic supplementary information (ESI) available: atomic coordinates for 6 and 7. See <a href="http://www.rsc.org/suppdata/nj/b2/b206946f/">http://www.rsc.org/suppdata/nj/b2/b206946f/</a> . New Journal of Chemistry, 2003, 27, 140-149.	2.8	49

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37	Phosphine and Phosphonite Complexes of a Ruthenium(II) Porphyrin. 1. Synthesis, Structure, and Solution State Studies. <i>Inorganic Chemistry</i> , 2002, 41, 5255-5268.	4.0	34
38	Formation of Double Cubanes [Sn <sub>7</sub> (NR) <sub>8</sub> ] in the Reactions of Pyridyl and Pyrimidinyl Amines with Sn(NMe <sub>2</sub> ) <sub>2</sub> : A Synthetic and Theoretical Study. <i>Inorganic Chemistry</i> , 2002, 41, 1492-1501.	4.0	15
39	Molecular Conformation and Intermolecular Interactions in the Crystal Structures of Free-Base 5,15-Diarylporphyrins. <i>Crystal Growth and Design</i> , 2002, 2, 27-39.	3.0	27
40	Synthesis, characterisation and electronic properties of a series of platinum(II) poly-ynes containing novel thienyl-pyridine linker groups. <i>Dalton Transactions RSC</i> , 2002, , 2441-2448.	2.3	50
41	Structural variety in nitrate complexes of the heavy lanthanides with 2,2':6''',2''':6'''-terpyridine, and stereoselective replacement of nitrate. <i>Dalton Transactions RSC</i> , 2002, , 2027-2030.	2.3	36
42	Morphological evaluation of the $\beta$ -polymorph of indomethacin. <i>Journal of Crystal Growth</i> , 2002, 237-239, 300-305.	1.5	40
43	Luminescent supramolecular assemblies based on hydrogen-bonded complexes of stilbenecarboxylic acids and dithieno[3,2-b:2',3'-d]thiophene-2-carboxylic acids with a tris(imidazoline) base. <i>Journal of Materials Chemistry</i> , 2001, 11, 1625-1633.	6.7	30
44	Coordination Chemistry of Rh(III) Porphyrins: Complexes with Hydrazine, Disulfide, and Diselenide Bridging Ligands. <i>Inorganic Chemistry</i> , 2001, 40, 3217-3221.	4.0	18
45	Supramolecular assemblies with dithieno[3,2-b:2',3'-d]thiophenes and other conjugated thiophene-containing $\pi$ -systems. <i>Synthetic Metals</i> , 2001, 119, 175-176.	3.9	3
46	A supramolecular array assembled via the complementary binding properties of ruthenium(II) and tin(IV) porphyrins. <i>New Journal of Chemistry</i> , 2001, 25, 797-800.	2.8	61
47	Synthesis and structure of [Sn <sub>9</sub> (Ndmp) <sub>7</sub> (HNdmp) <sub>2</sub> O <sub>2</sub> ], containing a bidentate double-cubane oxo		

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55	The X-ray crystal structure of linear [3]phenylene. Tetrahedron Letters, 2001, 42, 7329-7332.	1.4	29
56	Investigation of the Origin of the Topochemical Arrangement in Photoreactive 2-Benzyl-5-benzylidenecyclopentanone Crystal. Molecular Crystals and Liquid Crystals, 2001, 356, 413-422.	0.3	5
57	Ligand-Directed Structural Modification of Imidotin(II) Cubanes: The Mixed Oxidation State Double-Cubanes [Sn <sub>7</sub> {2-NR}8]·nTHF (R=Pyrimidinyl, 5-Methylpyridinyl). Angewandte Chemie - International Edition, 2000, 39, 1501-1503.	13.8	13
58	Hydrogen-Bonding Clusters Leading to Formation of Supramolecular Dimers of Metalloporphyrin Receptors: Modulation of Lewis Acidity by $\pi$ - $\pi$ Interactions. Chemistry - A European Journal, 2000, 6, 2112-2119.	3.3	25
59	A Li <sub>10</sub> Cage Containing the [C <sub>6</sub> H <sub>11</sub> P <sub>4</sub> ...C(Ph)...N] <sup>2+</sup> Ion: Umpolung in the Oligomerization of a Nitrile. Angewandte Chemie - International Edition, 2000, 39, 4145-4148.	13.8	27
60	A synchrotron diffraction study of two polymorphic forms of 2,5-bis[2-(4-methoxyphenyl)ethenyl]pyrazine. Acta Crystallographica Section C: Crystal Structure Communications, 2000, 56, 1277-1279.	0.4	4
61	Syntheses, structures and electrochemistry of [Zn(L1) <sub>2</sub> ](BF <sub>4</sub> ) <sub>2</sub> ·2H <sub>2</sub> O and [Zn(L1)(TpR)]BF <sub>4</sub> (L1=1-{pyrid-2-yl}-3-{2,5-dimethoxyphenyl}pyrazole; [TpR] <sup>-</sup> =tris-{3-arylpyrazolyl}borate). Polyhedron, 2000, 19, 109-114.	2.2	7
62	The Solid-State Structure of 3-Hydroxy-4-methyl-2(3 H )-thiazoethione: Prediction and Measurement. Tetrahedron, 2000, 56, 6617-6624.	1.9	13
63	Structure and Nonadditive Voltammetric Properties of Face-to-Face Bismacrocyclic Ni(II) Receptors in Complexes with Small Organic Guests. Journal of Physical Chemistry B, 2000, 104, 11430-11434.	2.6	13
64	An Investigation of the Structural Diversities of Lithiated HMPA Complexes of o -Mercaptopyridine and Trithiocyanuric Acid: Syntheses, Crystal structures and Model Molecular Orbital Calculations. Journal of Molecular Modeling, 2000, 6, 234-247.	1.8	12
65	Phosphine-substituted porphyrins as supramolecular building blocks. New Journal of Chemistry, 2000, 24, 261-264.	2.8	40
66	Copper(II) complexes of hydroquinone-containing Schiff bases. Towards a structural model for copper amine oxidases. Dalton Transactions RSC, 2000, , 1559-1565.	2.3	15
67	Cyclopolymerisation of an oriented 4,6-bis(4-vinylbenzyl)-myo-inositol orthoformate. Chemical Communications, 2000, , 2419-2420.	4.1	29
68	Association and fragmentation of imidotin(II) complexes containing donor-functionalised peripheries; towards new three-dimensional main group metal ligands. Dalton Transactions RSC, 2000, , 4104-4111.	2.3	5
69	Macrocyclization and Molecular Interlocking via Mitsunobu Alkylation: Highlighting the Role of C $\pi$ -H $\cdots$ A $\cdots$ O Interactions in Templating. Organic Letters, 2000, 2, 449-452.	4.6	123
70	Structure and magnetic properties of a sulfur $\cdots$ nitrogen radical, methylbenzodithiazolyl. Journal of Materials Chemistry, 2000, 10, 2001-2003.	6.7	29
71	Reactions of the spiro monoanion [(Me <sub>2</sub> N)Sb( $\eta$ -4-NCy) <sub>2</sub> ] <sup>-</sup> with alcohols and thiols (REH; E $\cdots$ =O or S); syntheses of nido-[Sb <sub>3</sub> ( $\eta$ -4-NCy) <sub>3</sub> ( $\eta$ -43-NCy)(ER) <sub>2</sub> ] anions and the unique antimony(III) imido cubane [(2-NC <sub>5</sub> H <sub>4</sub> O)Sb( $\eta$ -43-NCy)] <sub>4</sub> (Cy= cyclohexyl). Dalton Transactions RSC, 2000, , 1841-1847.	2.3	7
72	Synthesis and structure of [Cp <sub>2</sub> PbCp <sup>thf</sup> ][Na]·0.5thf; implications to the control of dimensionality in p block metallocene anion systems (Cp $\cdots$ =C <sub>5</sub> H <sub>5</sub> , Cp <sup>thf</sup> $\cdots$ =C <sub>5</sub> H <sub>4</sub> )CH <sub>2</sub> C <sub>4</sub> H <sub>7</sub> O). Dalton Transactions RSC, 2000, , 2247-2248.	2.3	3

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73	Electrophilic ring-opening of $[(RP)_nAs]^-$ anions; a simple route to functionalised neutral phosphines of the type $[(ButP)(ButRP)_2]$ . Chemical Communications, 2000, , 2483-2484.	4.1	12
74	An unprecedented mode of association in diselenadiazolyl radicals: crystal structures and magnetic properties of $[p-XC_6F_4CNSeSeN]_2$ (X=Cl, Br). Chemical Communications, 2000, , 2449-2450.	4.1	22
75	Insights into the elimination of HCHO from the clusters $[Mn(CO)_m(COOMe)]^+$ ( $Mn \rightarrow Ru$ , $m = 6, 16$ ). <i>J. Organomet. Chem.</i> 1999, 573, 237-246.	2.3	17
76	Product-Induced Distortion of a Metalloporphyrin Host: Implications for Acceleration of Diels-Alder Reactions. <i>Journal of the American Chemical Society</i> , 2000, 122, 5286-5293.	13.7	64
77	Reaction of $[Cp_2(CO)_3Mo_2(\eta^4-\eta^2-P_2)(PPh_2)]$ with the Cumulenes 3-ClC <sub>6</sub> H <sub>4</sub> NCO, PhNCS, and CS <sub>2</sub> and with Michael Acceptors: A Synthesis and Reactivity of $[Cp_2(CO)_3Mo_2(\eta^4-\eta^2-Ph_2PC(H)SP_2S)]$ , a Complex Containing an Unusual CSP <sub>2</sub> S Five-Membered Ring. <i>Organometallics</i> , 2000, 19, 984-993.	2.3	18
78	X-ray Diffraction and <sup>13</sup> C Solid-State NMR Studies of the Dimethylformamide Solvate of Tetra(C-undecyl)calix[4]resorcinarene. <i>Journal of Physical Chemistry B</i> , 2000, 104, 1921-1926.	2.6	15
79	The Effect of Varying Substituents on the Equilibrium Distribution and Conformation of Macrocyclic Steroidal N-Acyl Hydrazones. <i>Organic Letters</i> , 2000, 2, 1435-1438.	4.6	20
80	Stereoelectronic interactions between hetero-atoms. <i>Pure and Applied Chemistry</i> , 1999, 71, 385-391.	1.9	16
81	Cluster build-up reactions via the ionic coupling of tetraosmium anions and the $[RhCp^*(NCMe)_3]^{2+}$ cation; the crystal and molecular structures of $[Os_4Rh(\eta^4-H)_3(MeC\equiv NH)(CO)_4]^{1+}$ , $[Os_4Rh(\eta^4-H)_2(CO)_4]^{1+}$ and $[Os_4Rh_2(\eta^4-H)_2(CO)_4]^{1+}$ ( $Cp^* = C_5Me_5$ ). <i>Journal of Organometallic Chemistry</i> , 1999, 573, 237-246.	1.8	13
82	Intramolecular cyclisation of (Z)-N-4-alkenyl nitrones and the effects of alkenyl substituents. <i>Tetrahedron Letters</i> , 1999, 40, 1393-1396.	1.4	16
83	Stereoselective synthesis of the indolizidine core of the allopumiliotoxins. <i>Tetrahedron Letters</i> , 1999, 40, 1397-1400.	1.4	25
84	Synthesis and post-assembly modification of some functionalised, neutral $\pi$ -associated [2]catenanes. <i>New Journal of Chemistry</i> , 1999, 23, 897-903.	2.8	37
85	A combined covalent and coordination approach to dendritic multiporphyrin arrays based on ruthenium(II) porphyrins. <i>New Journal of Chemistry</i> , 1999, 23, 359-364.	2.8	58
86	A highly luminescent polymer for LEDs. <i>Synthetic Metals</i> , 1999, 102, 935-936.	3.9	19
87	Kinetic and Mechanistic Study on Single-Crystal-to-Single-Crystal Photodimerization of 2-Benzyl-5-benzylidenecyclopentanone Utilizing X-ray Diffraction. <i>Journal of the American Chemical Society</i> , 1999, 121, 8246-8250.	13.7	51
88	Synthesis, Structure, and Modeling of a Cyclic Rhodium(III) Porphyrin Dimer with an Encapsulated 4,4'-Bipyridine Ligand. <i>Inorganic Chemistry</i> , 1999, 38, 5178-5183.	4.0	35
89	Reaction of ortho-Methylbenzonitrile with Lithium N,N'-Trimethylethylenediamide: Assembly and Crystal Structure of a Primary Isoquinolinoamidolithium "Secondary Amine Complex. <i>European Journal of Inorganic Chemistry</i> , 1998, 1998, 879-883.	2.0	12
90	The First Solid-State Structure of a Lithiated Diazomethane with C-Li and N-Li Bonds: $\{[Me_3SiC(Li)N_2]_2 \cdot 3 THF\}^+$ . <i>European Journal of Organic Chemistry</i> , 1998, 1998, 861-864.	2.4	10

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91	The Most Twisted Amide: Structure and Reactions. Angewandte Chemie - International Edition, 1998, 37, 785-786.	13.8	150
92	Steric Control of the Electronic Ground State in Six-Coordinate Copper(II) Complexes. Angewandte Chemie - International Edition, 1998, 37, 2221-2223.	13.8	60
93	A novel method for the formation of 2-azocanones by lactone-to-lactam ring contraction of 2-oxonanones. Tetrahedron Letters, 1998, 39, 9309-9312.	1.4	19
94	Unusual carbonyl and pentamethylcyclopentadienyl bonding modes in mixed rhodium-ruthenium clusters. New Journal of Chemistry, 1998, 22, 1111.	2.8	7
95	Synthesis and Structure of the Heterobimetallic Ladder Complex $[(\text{MesNH})\text{Sn}(\text{C}_4\text{H}_9\text{N})_2(\text{Li}^+\cdot 2\text{THF})_2] (\text{Mes})\text{TfO}_2\text{B}(\text{F}_4\text{C}_6\text{H}_4)_2$	4.0	1078
96	Tandem Hetero-Catenation: A Templating and Self-Assembly in the Mutual Closure of Two Different Interlocking Rings. Journal of the American Chemical Society, 1998, 120, 1096-1097.	13.7	96
97	A Highly $\pi$ -Stacked Organic Semiconductor for Thin Film Transistors Based on Fused Thiophenes. Journal of the American Chemical Society, 1998, 120, 2206-2207.	13.7	403
98	Reversible synthesis of $\pi$ -associated [2]catenanes by ring-closing metathesis: towards dynamic combinatorial libraries of catenanes. New Journal of Chemistry, 1998, 22, 1019-1021.	2.8	111
99	Spontaneous, Millisecond Formation of a Twisted Amide from the Amino Acid, and the Crystal Structure of a Tetrahedral Intermediate. Journal of the American Chemical Society, 1998, 120, 7101-7102.	13.7	75
100	Kinetic and Mechanistic Aspects of a Crystal-to-Crystal Photoreaction: Effective use of Single Crystal X-ray Diffraction. Molecular Crystals and Liquid Crystals, 1998, 313, 327-334.	0.3	8
101	Photoreactivity of p-phenylenediacrylic acid derivatives in the crystals and langmuir-blodgett films.. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 1995, 8, 79-80.	0.3	1
102	Comparative Study of Crystal Packing in Amido-Benzoic and Amido-Perbenzoic Acids. Molecular Crystals and Liquid Crystals, 1994, 240, 231-239.	0.3	3
103	Stereoselective acyl transfer reactions controlled by the diphenylphosphinoyl group: X-ray structures of stable crystalline silylated tetrahedral intermediates. Tetrahedron Letters, 1994, 35, 5911-5914.	1.4	17
104	Stereochemistry of reduction of a heterocyclic $\alpha$ -hydroxy-ketone: The structure, conformation and preparation of the syn and anti-3,3,6,6-tetramethylthiepan-4,5-diols. Tetrahedron Letters, 1994, 35, 9095-9098.	1.4	2
105	Hydrogen Bonding in Acid-Amides: Influence of Variable Alkyl Chain Length. Molecular Crystals and Liquid Crystals, 1992, 211, 111-124.	0.3	4