Dario Braga

List of Publications by Year
in descending order

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478	20,265	16451	17592
papers	citations	64 h-index	121 g-index

547	547	547	11865
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mechanochemistry: opportunities for new and cleaner synthesis. Chemical Society Reviews, 2012, 41, 413-447.	38.1	2,281
2	Crystal Engineering and Organometallic Architecture. Chemical Reviews, 1998, 98, 1375-1406.	47.7	1,169
3	Intermolecular Interactions in Nonorganic Crystal Engineering. Accounts of Chemical Research, 2000, 33, 601-608.	15.6	510
4	New trends in crystal engineering. CrystEngComm, 2005, 7, 1.	2.6	412
5	Mechanochemical preparation of co-crystals. Chemical Society Reviews, 2013, 42, 7638.	38.1	392
6	Crystal engineering, Where from? Where to?. Chemical Communications, 2003, , 2751.	4.1	350
7	Reactions Between or Within Molecular Crystals. Angewandte Chemie - International Edition, 2004, 43, 4002-4011.	13.8	324
8	Hydrogen Bonding in Organometallic Crystals. 6.â€Xâˆ'H---M Hydrogen Bonds and M---(Hâˆ'X) Pseudo-Agostic Bonds. Organometallics, 1997, 16, 1846-1856.	2.3	309
9	Mechanochemical preparation of molecular and supramolecular organometallic materials and coordination networks. Dalton Transactions, 2006, , 1249.	3.3	266
10	Hydrogen Bonding in Organometallic Crystals. 2. C-H.cntdot. .cntdot. .cntdot.O Hydrogen Bonds in Bridged and Terminal First-Row Metal Carbonyls. Journal of the American Chemical Society, 1995, 117, 3156-3166.	13.7	265
11	Innovation in crystal engineeringÂÂÂÂÂÂÂÂÂÂÂÂÂÂÂÂÂÂÂÂÂÂÂÂ. CrystEngComm, 2002, 4, 500-509.	2.6	235
12	Making crystals from crystals: a green route to crystal engineering and polymorphism. Chemical Communications, 2005, , 3635.	4.1	194
13	Organometallic polymorphism and phase transitions. Chemical Society Reviews, 2000, 29, 229-238.	38.1	185
14	Arene Clusters. Chemical Reviews, 1994, 94, 1585-1620.	47.7	179
15	Organometallic crystal engineering: prospects for a systematic design1This review article is largely based on conferences given by the authors in 1997: INDABA-II (Skukuza, South Africa); ECM17 (Lisbon,) Tj ETQq1 1 0.784314 rgBT /Ove Reviews, 1999, 183, 19-41.	18.8	177
16	Xâˆ'H---Ï€ (X = O, N, C) Hydrogen Bonds in Organometallic Crystals. Organometallics, 1998, 17, 2669-2672.	2.3	171
17	Inorganic crystal engineering: a personal perspective. Dalton Transactions RSC, 2000, , 3705-3713.	2.3	169
18	Crystal Forms of Hexafluorophosphate Organometallic Salts and the Importance of Charge-Assisted Câˆ'H---F Hydrogen Bonds. Organometallics, 1998, 17, 296-307.	2.3	168

#	Article	IF	Citations
19	Dynamical processes in crystalline organometallic complexes. Chemical Reviews, 1992, 92, 633-665.	47.7	163
20	From unexpected reactions to a new family of ionic co-crystals: the case of barbituric acid with alkali bromides and caesium iodide. Chemical Communications, 2010, 46, 7715.	4.1	159
21	The growing world of crystal forms. Chemical Communications, 2010, 46, 6232.	4.1	148
22	Nickel carbonyl [Ni(CO)4] and iron carbonyl [Fe(CO)5]: molecular structures in the solid state. Organometallics, 1993, 12, 1481-1483.	2.3	131
23	Simple and Quantitative Mechanochemical Preparation of a Porous Crystalline Material Based on a 1D Coordination Network for Uptake of Small Molecules. Angewandte Chemie - International Edition, 2006, 45, 142-146.	13.8	127
24	Design of organometallic molecular and ionic materialsâ˜†. Coordination Chemistry Reviews, 2001, 216-217, 225-248.	18.8	125
25	Reversible Interconversion between Luminescent Isomeric Metalâ€“Organic Frameworks of [Cu₄I₄(DABCO)₂] (DABCO=1,4â€Diazabicyclo[2.2.2]octane). Chemistry - A European Journal, 2010, 16, 1553-1559.	3.3	125
26	Luminescence Properties of 1,8-Naphthalimide Derivatives in Solution, in Their Crystals, and in Co-crystals: Toward Room-Temperature Phosphorescence from Organic Materials. Journal of Physical Chemistry C, 2014, 118, 18646-18658.	3.1	123
27	The Richest Collection of Tautomeric Polymorphs: The Case of 2â€Thiobarbituric Acid. Chemistry - A European Journal, 2010, 16, 4347-4358.	3.3	118
28	From molecule to molecular aggregation: clusters and crystals of clusters. Accounts of Chemical Research, 1994, 27, 51-56.	15.6	116
29	Solvent effect in a â€œsolvent freeâ€•reaction. CrystEngComm, 2007, 9, 879.	2.6	115
30	Hydrogen-Bonding Interactions with the CO Ligand in the Solid State. Accounts of Chemical Research, 1997, 30, 81-87.	15.6	113
31	Design of hydrogen bonded networks based on organometallic sandwich compounds. Coordination Chemistry Reviews, 2003, 246, 53-71.	18.8	112
32	Hydrogen Bonding in Organometallic Crystals. 1. From Carboxylic Acids and Alcohols to Carbonyl Complexes. Organometallics, 1994, 13, 3532-3543.	2.3	105
33	Polymorph and isomer conversion of complexes based on CuI and PPh₃easily observed via luminescence. Dalton Transactions, 2012, 41, 531-539.	3.3	105
34	Hydrogen bonding in organometallic crystals â€” a survey. Journal of Organometallic Chemistry, 1997, 548, 33-43.	1.8	103
35	Mechanochemical Preparation of Hydrogen-Bonded Adducts Between the Diamine 1,4-Diazabicyclo[2.2.2]octane and Dicarboxylic Acids of Variable Chain Length: An X-ray Diffraction and Solid-State NMR Study. Chemistry - A European Journal, 2003, 9, 5538-5548.	3.3	101
36	Novel Organometallic Building Blocks for Molecular Crystal Engineering. 2. Synthesis and Characterization of Pyridyl and Pyrimidyl Derivatives of Diboronic Acid, [Fe(Î·5-C5H4-B(OH)2)2], and of Pyridyl Boronic Acid, [Fe(Î·5-C5H4-4-C5H4N)(Î·5-C5H4-B(OH)2)]. Organometallics, 2003, 22, 2142-2150.	2.3	99

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37	Intermolecular interactions and supramolecular organization in organometallic solids. Chemical Communications, 1996, , 571.	4.1	93
38	Ionic Co-crystals of Organic Molecules with Metal Halides: A New Prospect in the Solid Formulation of Active Pharmaceutical Ingredients. Crystal Growth and Design, 2011, 11, 5621-5627.	3.0	91
39	Charge-assisted Nâ€“H(+)Â·Â·Â·O(-) and Oâ€“HÂ·Â·Â·O(-) hydrogen bonds control the supramolecular aggregation of ferrocenedicarboxylic acid and bis-amidines. New Journal of Chemistry, 2000, 24, 547-553.	2.8	88
40	Inter-anion Oâ€“Hâ‹¯Â·Â·Â·Oâ‹¯ hydrogen bond like interactions: the breakdown of the strengthâ€“length analogy. Chemical Communications, 1998, , 1959-1960.	4.1	87
41	Transition-metal-promoted cyclization reactions of isocyanide ligands. Synthesis of cyclic diaminocarbenes from isocyanide complexes of palladium(II) and platinum(II) and x-ray structure of cis-Br2Pt[CN(C6H4-p-Me)CH2CH2N(H)](PPh3). Inorganic Chemistry, 1988, 27, 93-99.	4.0	86
42	Croconic Acid and Alkali Metal Croconate Salts: Some New Insights into an Old Story. Chemistry - A European Journal, 2002, 8, 1804.	3.3	85
43	Mechanochemical and solution reactions between AgCH3COO and [H2NC6H10NH2] yield three isomers of the coordination network {Ag[H2NC6H10NH2]+}â‹ž. Chemical Communications, 2005, , 2915.	4.1	83
44	The Thermodynamically Stable Form of Solid Barbituric Acid: The Enol Tautomer. Angewandte Chemie - International Edition, 2011, 50, 7924-7926.	13.8	81
45	Tipping the Balance with the Aid of Stoichiometry: Room Temperature Phosphorescence versus Fluorescence in Organic Cocrystals. Crystal Growth and Design, 2015, 15, 2039-2045.	3.0	78
46	Agostic interactions in organometallic compounds. A Cambridge Structural Database study. Journal of the Chemical Society Dalton Transactions, 1996, , 3925.	1.1	77
47	Transition-metal-promoted cyclization reactions of isocyanide ligands. Synthesis of cyclic aminooxycarbene complexes of platinum(II) and x-ray structure of trans-[(PPh3)2Pt[CN(C6H4Me-p)CH2CH2O]Br]BF4. Inorganic Chemistry, 1988, 27, 85-92.	4.0	76
48	Design, synthesis, characterization and utilization of hydrogen bonded networks based on functionalized organometallic sandwich compounds and the occurrence of crystal polymorphism. Coordination Chemistry Reviews, 2006, 250, 1267-1285.	18.8	75
49	Simple and quantitative mechanochemical preparation of the first zinc and copper complexes of the neuroleptic drug gabapentin. CrystEngComm, 2008, 10, 469.	2.6	75
50	Three Polymorphic Forms of the Coâ€Crystal 4,4â€²â€Bipyridine/Pimelic Acid and their Structural, Thermal, and Spectroscopic Characterization. Chemistry - A European Journal, 2008, 14, 10149-10159.	3.3	74
51	Complementary hydrogen bonds and ionic interactions give access to the engineering of organometallic crystals. Journal of the Chemical Society Dalton Transactions, 1999, , 1-8.	1.1	73
52	Oxidative addition of phenols to bis(tricyclohexylphosphine)palladium. Synthesis and structural characterization of trans-[Pd(PCy3)2(H)(OC6H5)].C6H5OH (1) and trans-[Pd(PCy3)2(H)(OC6F5)].C6F5OH (2). Inorganic Chemistry, 1989, 28, 1390-1394.	4.0	72
53	Solid-state reactivity of copper(i) iodide: luminescent 2D-coordination polymers of CuI with saturated bidentate nitrogen bases. New Journal of Chemistry, 2011, 35, 339-344.	2.8	72
54	Crystal Engineering of Organometallic Compounds through Cooperative Strong and Weak Hydrogen Bonds: A Simple Route to Mixed-Metal Systems. Angewandte Chemie - International Edition, 1998, 37, 2240-2242.	13.8	71

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55	Crystal Polymorphism and Multiple Crystal Forms. Structure and Bonding, 2009, , 25-50.	1.0	71
56	Polymorphs from supramolecular gels: four crystal forms of the same silver(i) supergelator crystallized directly from its gels. Chemical Communications, 2011, 47, 5154.	4.1	71
57	Coordinated water/anion hydrogen bonds and Pd-H bond acidity in cationic palladium(II) aquo hydrides and the x-ray crystal and molecular structures of trans-[(Cy3P)2Pd(H)(H2O)]BF4 (Cy =) Tj ETQq1 1 0.784314 rgBT /Overlock	2.3	69
58	Assembly of Hybrid Organicâ€“Organometallic Materials through Mechanochemical Acidâ€“Base Reactions. Chemistry - A European Journal, 2003, 9, 4362-4370.	3.3	69
59	Mechanochemical and solution preparation of the coordination polymers Ag[N(CH2CH2)3N]2[CH3COO]Â·5H2O and Zn[N(CH2CH2)3N]Cl2. CrystEngComm, 2004, 6, 458-462.	2.6	66
60	Five-coordinate olefin complexes of platinum(II) containing .sigma.-bonded carbon ligands. Synthesis and characterization of [PtClMe(.eta.2-C2H4)(N-N')] complexes. Molecular structure of an adduct with a chiral metal center and of its parent four-coordinate complex. Organometallics, 1987, 6, 517-525.	2.3	65
61	Making crystals from crystals: three solvent-free routes to the hydrogen bonded co-crystal between 1,1â€²-di-pyridyl-ferrocene and anthranilic acid. CrystEngComm, 2007, 9, 39-45.	2.6	65
62	Combining piracetam and lithium salts: ionic co-crystals and co-drugs?. Chemical Communications, 2012, 48, 8219.	4.1	65
63	Organicâ€“inorganic ionic co-crystals: a new class of multipurpose compounds. CrystEngComm, 2018, 20, 2212-2220.	2.6	65
64	Mechanically Induced Expeditious and Selective Preparation of Disubstituted Pyridine/Pyrimidine Ferrocenyl Complexes. Organometallics, 2004, 23, 2810-2812.	2.3	64
65	Static and dynamic structure of the ruthenium cluster Ru3(CO)9(.mu.3-.eta.2:.eta.2:.eta.2-C6H6) at room temperature and 193 K. Organometallics, 1991, 10, 1260-1268.	2.3	63
66	Hydrogen Bonding in Organometallic Crystals. 3.1Transition-Metal Complexes Containing Amido Groups. Organometallics, 1996, 15, 1284-1295.	2.3	62
67	Functionalized isocyanides as ligands. 4. Base-promoted cyclization reactions of free and platinum(II)-coordinated o-(phosphoniomethyl)phenyl isocyanide tetrafluoroborates, o-(BF4-R3PCH2)C6H4NC. Synthesis and spectroscopic characterization of 1- and 2-platinum(II)-substituted indole derivatives and x-ray structure of [cyclic] trans-[...[(PPh3)2Pt[CN(H)-o-C6H4C(PMe3)]Cl...]BF4...·C2H4Cl2. Organometallics, 1986, 5, 2265-2274.	2.3	60
68	1H MAS, 15N CPMAS, and DFT Investigation of Hydrogen-Bonded Supramolecular Adducts between the Diamine 1,4-Diazabicyclo-[2.2.2]octane and Dicarboxylic Acids of Variable Chain Length. Chemistry of Materials, 2005, 17, 1457-1466.	6.7	60
69	Stepwise formation of the bis(benzene)hexaruthenium carbido carbonyl cluster Ru6C(CO)11(.eta.6-C6H6)(.mu.3-.eta.2:.eta.2:.eta.2-C6H6) from Ru6C(CO)17. Journal of the American Chemical Society, 1993, 115, 9062-9068.	13.7	59
70	Using Salt Cocrystals to Improve the Solubility of Niclosamide. Crystal Growth and Design, 2015, 15, 1939-1948.	3.0	58
71	Hydrogen Bonding in Organometallic Crystals. 4.â€Mâˆ'H-Â-Â-O Hydrogen-Bonding Interactions. Organometallics, 1996, 15, 2692-2699.	2.3	57
72	Drug-containing coordination and hydrogen bonding networks obtained mechanochemically. CrystEngComm, 2009, 11, 2618.	2.6	57

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73	Crystal construction and molecular interplay in solid ferrocene, nickelocene, and ruthenocene. Organometallics, 1992, 11, 711-718.	2.3	56
74	Mechanochemical assembly of hydrogen bonded organic-organometallic solid compounds. Chemical Communications, 2002, , 2960-2961.	4.1	56
75	Crystal Forms of the Antibiotic 4-Aminosalicylic Acid: Solvates and Molecular Salts with Dioxane, Morpholine, and Piperazine. Crystal Growth and Design, 2009, 9, 5108-5116.	3.0	55
76	Chemistry of tetrairidium carbonyl clusters. Part 1. Synthesis, chemical characterization, and nuclear magnetic resonance study of mono- and di-substituted phosphine derivatives. X-Ray crystal structure determination of the diaxial isomer of [Ir4(CO)7(Âµ-CO)3(Me2PCH2CH2PMe2)]. Journal of the Chemical Society Dalton Transactions, 1986, , 2411-2421.	1.1	54
77	Novel hetero-bimetallic metalla-macrocycles based on the bis-1-pyridyl ferrocene [Fe(Î·5-C5H4-1-C5H4N)2] ligand. Design, synthesis and structural characterization of the complexes [Fe(Î·5-C5H4-1-C5H4N)2](Agi)22+/(Cuii)24+/(Znii)24+. Chemical Communications, 2002, , 1080-1081.	4.1	54
78	[Ru6C(CO)17]: a case of organometallic crystal polymorphism. Journal of the Chemical Society Dalton Transactions, 1992, , 2565.	1.1	53
79	Remarkable reversal of melting point alternation by co-crystallization. CrystEngComm, 2010, 12, 3534.	2.6	53
80	Supramolecular Complexation of Alkali Cations through Mechanochemical Reactions between Crystalline Solids. Chemistry - A European Journal, 2004, 10, 3261-3269.	3.3	52
81	Hydrogen Bonding and Dynamic Behaviour in Crystals and Polymorphs of Dicarboxylicâ€“Diamine Adducts: A Comparison between NMR Parameters and X-ray Diffraction Studies. Chemistry - A European Journal, 2005, 11, 7461-7471.	3.3	52
82	Synthesis and characterisation of [Ru3(CO)9(Âµ3-Î·2:Î·2:Î·2-C6H6)]. Journal of the Chemical Society Chemical Communications, 1990, , 364-366.	2.0	51
83	Reversible trapping of acid and base vapours into an amphoteric crystalline material. Chemical Communications, 2001, , 2272-2273.	4.1	49
84	Are all short Oâ€“HÂ·Â·Â·O contacts hydrogen bonds? A quantitative look at the nature of Oâ€“HÂ·Â·Â·O intermolecular hydrogen bonds. New Journal of Chemistry, 2000, 24, 5-8.	2.8	48
85	The crystal structures of chloro and methyl ortho-benzoic acids and their co-crystal: rationalizing similarities and differences. CrystEngComm, 2008, 10, 1848.	2.6	48
86	Novel Organometallic Building Blocks for Crystal Engineering. Synthesis and Structural Characterization of the Dicarboxylic Acid [Cr0(Î·6-C6H5COOH)2], of Two Polymorphs of Its Oxidation Derivative [CrI(Î·6-C6H5COOH)2]+[PF6]-, and of the Zwitterionic Form [CrI(Î·6-C6H5COOH)(Î·6-C6H5COO)]. Organometallics, 2001, 20, 1875-1881.	2.3	47
87	Polymorphic gabapentin: thermal behaviour, reactivity and interconversion of forms in solution and solid-state. New Journal of Chemistry, 2008, 32, 1788.	2.8	47
88	Molecular organization in crystalline [Co2(CO)8] and [Fe2(CO)9] and a search for alternative packings for [Co2(CO)8]. Journal of the Chemical Society Dalton Transactions, 1992, , 1185.	1.1	46
89	Anions Derived from Squaric Acid Form Interionic Ï€-Stack and Layered, Hydrogen-Bonded Superstructures with Organometallic Sandwich Cations: The Magnetic Behaviour of Crystalline [(Î·6-C6H6)2Cr]+[HC4O4]â^'. Chemistry - A European Journal, 2000, 6, 1310-1317.	3.3	46
90	Solid State Conformation and Crystal Packing of Methyl-Substituted Quaterthiophenes. Molecular Crystals and Liquid Crystals, 2000, 348, 137-151.	0.3	46

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91	Synthesis and structural characterization of diene and benzene pentaruthenium clusters. Journal of the Chemical Society Dalton Transactions, 1993, , 985.	1.1	45
92	Unexpected solidâ€“solid reaction upon preparation of KBr pellets and its exploitation in supramolecular cation complexation. Chemical Communications, 2002, , 2302-2303.	4.1	45
93	Design, Synthesis, and Structural Characterization of Molecular and Supramolecular Heterobimetallic Metallamacrocycles Based on the 1,1â€˜-Bis(4-pyridyl)ferrocene (Fe(Î·5-C5H4-1-C5H4N)2) Ligand. Organometallics, 2003, 22, 4532-4538.	2.3	45
94	Crystal forms of rifaximin and their effect on pharmaceutical properties. CrystEngComm, 2008, 10, 1074.	2.6	45
95	Electrostatic compression on non-covalent interactions: the case of Ï€ stacks involving ions. New Journal of Chemistry, 1999, 23, 577-579.	2.8	44
96	Interanionic(â^')Oâ^'Hâ‹…â‹…â‹…O(â^') Interactions: A Solid-State and Computational Study of the Ring and Chain Motifs. Chemistry - A European Journal, 2000, 6, 4536-4551.	3.3	44
97	Reversible Gasâ^'Solid Reactions between the Organometallic Zwitterion [(Î·5-C5H4COOH)(Î·5-C5H4COO)CoIII] and Vapors of Trifluoroacetic and Tetrafluoroboric Acids. Organometallics, 2002, 21, 1315-1318.	2.3	44
98	Crystal Engineering: From Molecules and Crystals to Materials. , 1999, , 421-441.		44
99	Structural and Theoretical Analysis of Mâ^'H-Â-Â-Hâ^'M and Mâ^'H-Â-Â-Hâ^'CIntermolecularInteractions. Inorganic Chemistry, 1998, 37, 3337-3348.	4.0	42
100	Solvent-free preparation of co-crystals of phenazine and acridine with vanillin. Thermochimica Acta, 2010, 507-508, 1-8.	2.7	42
101	Novel Dual-Action Plant Fertilizer and Urease Inhibitor: UreaÂ·Catechol Cocrystal. Characterization and Environmental Reactivity. ACS Sustainable Chemistry and Engineering, 2019, 7, 2852-2859.	6.7	42
102	A simple synthesis and crystal structure of the dinuclear diphosphido-bridged palladium(I) complex [Pd(PtBu2H)(Î¼-PtBu2)]2. Journal of Organometallic Chemistry, 1992, 423, 263-270.	1.8	41
103	Inorganicâ€“organometallic crystal synthesis. The role of charge-assisted Câ€“Hâ€¦O and Câ€“Hâ€¦Cl hydrogen bonds in crystalline [(Î·5-C5H5)2Co][H2PO4]Â·3H2O and [(Î·6-C6H5Me)2Cr][Cl]. Journal of Organometallic Chemistry, 1999, 573, 73-77.	1.8	41
104	Smart urea ionic co-crystals with enhanced urease inhibition activity for improved nitrogen cycle management. Chemical Communications, 2018, 54, 7637-7640.	4.1	41
105	Oxidative addition of Oî—H bond to a metal centre: synthesis and crystal structure of trans-(PhO)(H)Pd(PCy3)2Â·PhOH. Journal of Organometallic Chemistry, 1987, 334, C46-C48.	1.8	40
106	Dinuclear Cyanoalkylidene Complexes of Iron. Angewandte Chemie International Edition in English, 1991, 30, 847-849.	4.4	40
107	Organicâ^'Organometallic Crystal Synthesis. 1. Hosting Paramagnetic [(Î·6-Arene)2Cr]+(Arene = Benzene,) Tj ETQq1 1 0.784314 rgBT /O 2070-2079.	2.3	40
108	Supramolecular metathesis: co-former exchange in co-crystals of pyrazine with (R,R)-, (S,S)-, (R,S)- and (S,S/R,R)-tartaric acid. CrystEngComm, 2011, 13, 3122-3124.	2.6	40

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109	Making crystals with a purpose; a journey in crystal engineering at the University of Bologna. IUCrJ, 2017, 4, 369-379.	2.2	40
110	The synthesis of the first hexaruthenium nitrosyl cluster species; X-ray analysis of Ru6C(CO)14(NO)2 and Ru6C(CO)15(NO)(AuPPh3). Journal of Organometallic Chemistry, 1983, 243, C13-C16.	1.8	39
111	Heteroâ€Seeding and Solid Mixture to Obtain New Crystalline Forms. Chemistry - A European Journal, 2009, 15, 1508-1515.	3.3	39
112	Mechanochemical preparation of copper iodide clusters of interest for luminescent devices. Faraday Discussions, 2014, 170, 93-107.	3.2	39
113	Molecular self-recognition and crystal building in transition-metal carbonyl clusters: the cases of ruthenium and iron carbonyls (Ru3(CO)12 and Fe3(CO)12). Organometallics, 1991, 10, 1254-1259.	2.3	38
114	Intramolecular and Intermolecular Bonding in Benzene Cluster Isomers. Inorganic Chemistry, 1994, 33, 3218-3228.	4.0	38
115	Hosting paramagnetic [Cr(C6H6)2]+ in an organic anion framework via CH ? O hydrogen bonds. Journal of the Chemical Society Chemical Communications, 1995, , 1023.	2.0	38
116	Molecular Salts of Anesthetic Lidocaine with Dicarboxylic Acids: Solid-State Properties and a Combined Structural and Spectroscopic Study. Crystal Growth and Design, 2013, 13, 2564-2572.	3.0	38
117	Kurzmitteilung / Short Communication P ïż¿ C Bond Activation and Î·⁴â€Coordination of Arene: Xâ€ray Crystal Structure of a Dinuclear Î¼â€Phosphido Î¼â€Î·²:Î·²â€Phenoxo Zwitterionic Complex of Palladium Trapping an Aggregate of Three Hydrogenâ€Bonded Phenol Molecules. Chemische Berichte, 1991, 124, 97-99.	0.2	37
118	Câ€“HÂ·Â·Â·O Hydrogen bonds in the mixed-valence salt [(Î·6-C6H6)2Cr]+[CrO3(OCH3)]- and the breakdown of the length/strength analogy. New Journal of Chemistry, 1998, 22, 755-757.	2.8	37
119	White luminescence achieved by a multiple thermochromic emission in a hybrid organicâ€“inorganic compound based on 3-picolylamine and copper(<scp>i</scp>) iodide. Dalton Transactions, 2016, 45, 17939-17947.	3.3	37
120	New carbide clusters in the cobalt subgroup. Part 13. Synthesis and chemical characterization of the anions [Co6C(CO)14]â€“, [Co6C(CO)15]2â€“, and [Co8C(CO)18]2â€“, and crystal structure of Âµ6-carbido-ennea-Âµ-carbonyl-hexacarbonyl-polyhedro-hexacobaltate(2â€“) as its benzyltrimethylammonium salt; a comparison with isostructural species. Journal of the Chemical Society Dalton Transactions, 1985, , 35-41.	1.1	36
121	Effect of temperature on the solid-state molecular structure of [Fe3(CO)12]. Journal of the Chemical Society Dalton Transactions, 1994, , 2911.	1.1	36
122	Tunable Supramolecular Synthons and Versatile, Water-Soluble Building Blocks for Crystal Engineering: [(Î·5-C5H4COOH)2CoIII]+ and its Zwitterionic Form [(Î·5-C5H4COOH)(Î·5-C5H4COO)CoIII]. Chemistry - A European Journal, 2000, 6, 4227-4235.	3.3	36
123	Gasâ€“solid reactions between the different polymorphic modifications of barbituric acid and amines. CrystEngComm, 2006, 8, 756-763.	2.6	36
124	New carbide clusters in the cobalt subgroup. Part 16. Preparation and structural characterization of Âµ6-carbido-penta-Âµ-carbonyl-octacarbonyl-octahedro-hexacobaltate(2â€“) as its tetraethylammonium salt. Journal of the Chemical Society Dalton Transactions, 1986, , 981-984.	1.1	35
125	How to make weak hydrogen bonds less weak. New Journal of Chemistry, 1998, 22, 1159-1161.	2.8	35
126	Oâ€™Hâ‹…â‹…â‹…O Interactions Involving Doubly Charged Anions: Charge Compression in Carbonateâ€“Bicarbonate Crystals Queries on the theoretical part should be addressed to Professor J. J. Novoa.. Chemistry - A European Journal, 2002, 8, 1173.	3.3	35

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127	Unprecedented mechanochemical preparation of 18Crown[6] and 15Crown[5] adducts of ammonium hydrogen sulfate by grinding or kneading. CrystEngComm, 2005, 7, 276.	2.6	35
128	A Solidâ˜'Gas Route to Polymorph Conversion in Crystalline [FeII(Î·5-C5H4COOH)2]. A Diffraction and Solid-State NMR Study. Organometallics, 2006, 25, 4627-4633.	2.3	35
129	Phosphorescence quantum yield enhanced by intermolecular hydrogen bonds in Cu4I4 clusters in the solid state. Dalton Transactions, 2014, 43, 9448.	3.3	35
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