

# Francisco J MartÃ- nez-MartÃ- nez

## List of Publications by Year in descending order

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56  
papers

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docs citations

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716  
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#	ARTICLE	IF	CITATIONS
1	π-Stacking Interactions and CH <sub>2</sub> -X (X = O, Aryl) Hydrogen Bonding as Directing Features of the Supramolecular Self-Association in 3-Carboxy and 3-Amido Coumarin Derivatives. <i>Crystal Growth and Design</i> , 2003, 3, 35-45.	1.4	64
2	Antioxidant Activity of Butyl- and Phenylstannoxanes Derived from 2-, 3- and 4-Pyridinecarboxylic Acids. <i>Molecules</i> , 2010, 15, 5445-5459.	1.7	56
3	Dynamic NMR and X-ray diffraction study of (N-B)-diphenyl(2-aminoethoxy) borane derivatives of ephedrine and pseudoephedrine. <i>Journal of Organometallic Chemistry</i> , 1997, 544, 175-188.	0.8	33
4	Synthesis and in Vitro Antioxidant Activity Evaluation of 3-Carboxycoumarin Derivatives and QSAR Study of Their DPPH• Radical Scavenging Activity. <i>Molecules</i> , 2012, 17, 14882-14898.	1.7	26
5	Carbonyl-carbonyl, carbonyl-π and carbonyl-halogen dipolar interactions as the directing motifs of the supramolecular structure of ethyl 6-chloro-2-oxo-2H-chromene-3-carboxylate and ethyl 6-bromo-2-oxo-2H-chromene-3-carboxylate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007, 63, o239-o242.	0.4	21
6	Competition between OH <sup>-</sup> O and multiple halogen-dipole interactions on the formation of intramolecular three-centred hydrogen bond in 3-acyl coumarins. <i>CrystEngComm</i> , 2009, 11, 1451.	1.3	19
7	9-(2-Methylphenyl)-3,4,5,6,9,10-hexahydroxanthene-1,8(2H,7H)-dione. <i>Journal of Chemical Crystallography</i> , 1999, 29, 759-763.	0.5	17
8	NMR Structural Study of the Prototropic Equilibrium in Solution of Schiff Bases as Model Compounds. <i>Molecules</i> , 2014, 19, 459-481.	1.7	15
9	Further insight into three center hydrogen bonding. Participation in tautomeric equilibria of heterocyclic amides. <i>Perkin Transactions II RSC</i> , 2001, , 1817-1823.	1.1	14
10	Solid State Structure and Solution Thermodynamics of Three-Centered Hydrogen Bonds (O <sup>+</sup> -H <sup>+</sup> -O) Using N-(2-Benzoyl-phenyl) Oxalyl Derivatives as Model Compounds. <i>Molecules</i> , 2014, 19, 14446-14460.	1.7	14
11	Molecular Complexes of Diethyl <i>N,N'</i> -1,3-Phenyldioxalamate and Resorcinols: Conformational Switching through Intramolecular Three-Centered Hydrogen-Bonding. <i>Crystal Growth and Design</i> , 2014, 14, 628-642.	1.4	14
12	Cytotoxic Acetogenins from the Roots of <i>Annona purpurea</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 1870.	1.8	14
13	Supramolecular architectures of conformationally controlled 1,3-phenyl-dioxalamic molecular clefts through hydrogen bonding and steric restraints. <i>CrystEngComm</i> , 2011, 13, 4748.	1.3	13
14	X-Ray Supramolecular Structure, NMR Spectroscopy and Synthesis of 3-Methyl-1-phenyl-1H-chromeno[4,3-c]pyrazol-4-ones Formed by the Unexpected Cyclization of 3-[1-(Phenyl-hydrazono)ethyl]-chromen-2-ones. <i>Molecules</i> , 2011, 16, 915-932.	1.7	13
15	QSAR study of the DPPH• radical scavenging activity of coumarin derivatives and xanthine oxidase inhibition by molecular docking. <i>Open Chemistry</i> , 2014, 12, 1067-1080.	1.0	13
16	<sup>1</sup> H, <sup>13</sup> C, <sup>15</sup> N, <sup>113</sup> Cd, <sup>2</sup> D, <sup>15</sup> Ni, <sup>1</sup> H and solid-state <sup>13</sup> C CP/MAS NMR of Hg and Cd complexes of 4(1H)-quinazolinone-2,3-dihydro-2-thioxo. <i>Magnetic Resonance in Chemistry</i> , 1993, 31, 832-835.	1.1	10
17	Thermal [4 + 2] Cycloadditions of 3-Acetyl-, 3-Carbamoyl-, and 3-Ethoxycarbonyl-Coumarins with 2,3-Dimethyl-1,3-butadiene under Solventless Conditions: A Structural Study. <i>Molecules</i> , 2010, 15, 1513-1530.	1.7	10
18	Diethyl <i>N,N'</i> - <i>m</i> -phenylenedioxamate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003, 59, o825-o827.	0.2	9

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19	Cocrystals of Isoniazid with Polyphenols: Mechanochemical Synthesis and Molecular Structure. <i>Crystals</i> , 2020, 10, 569.	1.0	9
20	EthylN-phenyloxamate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, o541-o543.	0.4	8
21	The zwitterion of 4-nitro-2-[(2-(piperidin-1-yl)ethyl)iminomethyl]phenol. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2009, 65, o8-o10.	0.4	8
22	Positional Isomerism and Steric Effects in the Self-Assemblies of Phenylene Bis-Monothiooxalamides. <i>Crystal Growth and Design</i> , 2017, 17, 2513-2528.	1.4	8
23	Mechanochemical Synthesis and Crystal Structure of the Lidocaine-Phloroglucinol Hydrate 1:1:1 Complex. <i>Crystals</i> , 2018, 8, 130.	1.0	8
24	Synthesis and structure of Zn(II) and Cu(II) complexes derived from 2-(aminomethyl)benzimidazole and glycine. <i>Journal of Coordination Chemistry</i> , 2014, 67, 1873-1887.	0.8	7
25	NMR and X-Ray Diffraction Study of Some Inositol Derivatives. <i>Journal of Carbohydrate Chemistry</i> , 1997, 16, 1479-1507.	0.4	6
26	Crystal structure of pharmaceutical cocrystals of 2,6-diaminopyridine with piracetam and theophylline. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017, 73, 767-772.	0.2	6
27	Mechanochemical Synthesis and Structure of the Tetrahydrate and Mesoporous Anhydrous Metforminium(2+)-N,N'-2,4-Phenylenedioxalamic Acid (1:2) Salt: The Role of Hydrogen Bonding and $\pi$ - $\pi$ * Charge Assisted Interactions. <i>Pharmaceutics</i> , 2020, 12, 998.	2.0	5
28	2-Amino-1,3-benzothiazole-ethyl coumarin-3-carboxylate (1/1). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, o544-o546.	0.4	4
29	Carbonyl-carbonyl interactions and amide $\pi$ -stacking as the directing motifs of the supramolecular assembly of ethylN-(2-acetylphenyl)oxalamate in a synperiplanar conformation. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2015, 71, 381-385.	0.2	4
30	HPLC-DAD method development and validation for the quantification of hydroxymethylfurfural in corn chips by means of response surface optimisation. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2017, 34, 2101-2110.	1.1	4
31	The Enantiomers of 3-(benzoxazol-2-yl)prop-2-enoic acid. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2004, 60, o723-o726.	0.4	3
32	DiethylN,N'-cyclohexane-1,4-dioldioxalamate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, o2994-o2996.	0.2	3
33	Mechanochemical Complexation of Diethyl N,N'-[1,3-(2-methyl)phenyl]dioxalamate and Resorcinol: Conformational Twist and X-Ray Helical Supramolecular Architecture. <i>Journal of Chemical Crystallography</i> , 2015, 45, 244-250.	0.5	3
34	Mechanochemical Synthesis of the Catechol-Theophylline Cocrystal: Spectroscopic Characterization and Molecular Structure. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3810.	1.3	3
35	Synthesis, Molecular Structure of Diethyl Phenylenebis(Methylene)Dicarbamates and FTIR Spectroscopy Molecular Recognition Study with Benzenediols. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	3
36	The 2-aminobenzothiazole-N-benzyl-2-oxo-2H-1-benzopyran-3-carboxamide (1/1) donor-acceptor complex. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003, 59, o1628-o1630.	0.2	2

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37	1,1,2,2-Tetrachloro-1,2-diphenylethane. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o678-o680.	0.2	2
38	Facial $\pi\cdots\text{Cl}\cdots\pi$ interactions as the directing motif of the supramolecular structures of $\text{Mg}^{2+}$ and $\text{Ca}^{2+}$ bis[hydrotris(pyrazolyl)borate] chloroform disolvates. Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, m132-m135.	0.4	2
39	( <i>E</i> )-4-Hydroxy-2-[(2-phenylethyl)iminiumyl]methylphenolate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2075-o2075.	0.2	2
40	Helical supramolecular assembly of $\text{N}^{2+}$ , $\text{N}^{2+}$ -bis[3-(morpholin-4-yl)propyl]- $\text{N}^{1+}$ , $\text{N}^{1+}$ -dimethyl sulfoxide monosolvate. Acta Crystallographica Section C: Crystal Structure Communications, 2013, 69, 66-69.	0.4	2
41	Structure–property relationship of novel supramolecular gels based on coumarins. New Journal of Chemistry, 2021, 45, 13369-13379.	1.4	2
42	Synthesis, Optical Characterization in Solution and Solid-State, and DFT Calculations of 3-Acetyl and 3-(2-Phenylhydrazono)ethyl-coumarin-(7)-substituted Derivatives. Molecules, 2022, 27, 3677.	1.7	2
43	N-Cyclohexyl-2-oxo-2H-1-benzopyran-3-carboxamide. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o2306-o2308.	0.2	1
44	Di- $\frac{1}{4}$ -diphenylphosphido-bis[tricarbonyliron(II)] dichloromethane solvate. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, m1475-m1477.	0.2	1
45	Intramolecular Carbonyl–Carbonyl Interaction as the Directing Motif of the Opposed Conformational Preferences Among [4+2] Cycloadducts of 3-Ethoxycarbonyl- and 3-Acetyl-Coumarins with 2,3-Dimethyl-1,3-Butadiene. Journal of Chemical Crystallography, 2010, 40, 1024-1028.	0.5	1
46	N,N'-Bis(4-aminobenzyl)oxalamide. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o398-o398.	0.2	1
47	Solventless Synthesis of Poly(pyrazolyl)phenyl-methane Ligands and Thermal Transformation of Tris(3,5-dimethylpyrazol-1-yl)phenylmethane. Molecules, 2017, 22, 441.	1.7	1
48	Crystal Structure and Supramolecular Architecture of Antiallergic Diphenylene Diethyl Dioxalamates. Crystals, 2020, 10, 1048.	1.0	1
49	Dihydropyrazole-Carbohydrazide Derivatives with Dual Activity as Antioxidant and Anti-Proliferative Drugs on Breast Cancer Targeting the HDAC6. Pharmaceuticals, 2022, 15, 690.	1.7	1
50	ExoDiels–Alder adducts between ortho- and para-N-acetoxyphenylmaleimides and furan. Acta Crystallographica Section C: Crystal Structure Communications, 2004, 60, o427-o430.	0.4	0
51	Ethyl (E)-3-(2-hydroxyphenyl)-2-(morpholinocarbonyl)propenoate. Acta Crystallographica Section C: Crystal Structure Communications, 2004, 60, o517-o519.	0.4	0
52	Diethyl piperazine-1,4-diyl dioxalate. Acta Crystallographica Section C: Crystal Structure Communications, 2004, 60, o699-o701.	0.4	0
53	DimethylN,N'-(1,2-phenylene)dicarbamate. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o1488-o1490.	0.2	0
54	Crystal structure of a new polymorph of 3-acetyl-8-methoxy-2H-chromen-2-one. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 1866-1870.	0.2	0

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55	Microcrystalline solidâ€“solid transformations of conformationally-responsive solvates, desolvates and a salt of N,Nâ€“(1,4-phenylene)dioxalamic acid: the energetics of hydrogen bonding and n/î€’ î€* interactions. <i>CrystEngComm</i> , 2022, 24, 1017-1034.	1.3	0
56	Crystal structures of cocrystals of 2,7-dihydroxynaphthalene with isoniazid and piracetam. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2022, 78, 280-286.	0.2	0