Paolo P Mazzeo

List of Publications by Year
in descending order

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Version: 2024-02-01

44 papers	1,088 citations	430754 18 h-index	434063 31 g-index
47 all docs	47 docs citations	47 times ranked	1309 citing authors

#	Article	IF	Citations
1	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.	1.7	125
2	Polymorph and isomer conversion of complexes based on CuI and PPh₃easily observed via luminescence. Dalton Transactions, 2012, 41, 531-539.	1.6	105
3	Flexible porous molecular materials responsive to CO₂, CH₄ and Xe stimuli. Journal of Materials Chemistry A, 2018, 6, 14231-14239.	5.2	87
4	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.	1.4	72
5	Changing the game of time resolved X-ray diffraction on the mechanochemistry playground by downsizing. Nature Communications, 2021, 12, 6134.	5.8	50
6	Solvent-free preparation of co-crystals of phenazine and acridine with vanillin. Thermochimica Acta, 2010, 507-508, 1-8.	1.2	42
7	Designing a Palette of Cocrystals Based on Essential Oil Constituents for Agricultural Applications. ACS Sustainable Chemistry and Engineering, 2019, 7, 17929-17940.	3.2	42
8	Mechanochemical preparation of copper iodide clusters of interest for luminescent devices. Faraday Discussions, 2014, 170, 93-107.	1.6	39
9	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.	1.6	37
10	Phosphorescence quantum yield enhanced by intermolecular hydrogen bonds in Cu4I4 clusters in the solid state. Dalton Transactions, 2014, 43, 9448.	1.6	35
11	Liquid Nicotine Tamed in Solid Forms by Cocrystallization. Crystal Growth and Design, 2017, 17, 4958-4964.	1.4	35
12	Tuning the colour and efficiency in OLEDs by using amorphous or polycrystalline emitting layers. Journal of Materials Chemistry C, 2013, 1, 1823.	2.7	30
13	Making Agriculture More Sustainable: An Environmentally Friendly Approach to the Synthesis of Lignin@Cu Pesticides. ACS Sustainable Chemistry and Engineering, 2020, 8, 14886-14895.	3.2	30
14	A zinc mixed-ligand microporous metal-organic framework as solid-phase microextraction coating for priority polycyclic aromatic hydrocarbons from water samples. Microchemical Journal, 2020, 154, 104646.	2.3	26
15	Development of novel cocrystal-based active food packaging by a Quality by Design approach. Food Chemistry, 2021, 347, 129051.	4.2	25
16	Switch On/Switch Off Signal in an MOFâ€Guest Crystalline Device. European Journal of Inorganic Chemistry, 2013, 2013, 4459-4465.	1.0	24
17	Dual luminescence in solid CuI(piperazine): hypothesis of an emissive 1-D delocalized excited state. Dalton Transactions, 2015, 44, 13003-13006.	1.6	24
18	Site-Selective Double and Tetracyclization Routes to Fused Polyheterocyclic Structures by Pd-Catalyzed Carbonylation Reactions. Organic Letters, 2020, 22, 1569-1574.	2.4	21

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19	Diversity through Similarity: A World of Polymorphs, Solid Solutions, and Cocrystals in a Vial of 4,4â€²-Diazopyridine. Crystal Growth and Design, 2020, 20, 636-644.	1.4	18
20	Deciphering the Supramolecular Organization of Multiple Guests Inside a Microporous MOF to Understand their Release Profile. Angewandte Chemie - International Edition, 2021, 60, 10194-10202.	7.2	18
21	Systematic coformer contribution to cocrystal stabilization: energy and packing trends. CrystEngComm, 2020, 22, 7341-7349.	1.3	17
22	Stepwise Evolution of Molecular Nanoaggregates Inside the Pores of a Highly Flexible Metalâ€“Organic Framework. Angewandte Chemie - International Edition, 2019, 58, 17342-17350.	7.2	16
23	Synthesis of Imidazolidin-2-ones and Imidazol-2-ones via Base-Catalyzed Intramolecular Hydroamidation of Propargylic Ureas under Ambient Conditions. Journal of Organic Chemistry, 2019, 84, 3477-3490.	1.7	16
24	Dispensing Essential Oil Components through Cocrystallization: Sustainable and Smart Materials for Food Preservation and Agricultural Applications. ACS Sustainable Chemistry and Engineering, 2022, 10, 8388-8399.	3.2	15
25	Metal-organic framework-based magnetic dispersive micro-solid-phase extraction for the gas chromatographyâ€“mass spectrometry determination of polycyclic aromatic compounds in water samples. Journal of Chromatography A, 2022, 1671, 463010.	1.8	13
26	Stepwise Evolution of Molecular Nanoaggregates Inside the Pores of a Highly Flexible Metalâ€“Organic Framework. Angewandte Chemie, 2019, 131, 17503-17511.	1.6	11
27	Structural, thermal and topological characterization of coordination networks containing flexible aminocarboxylate ligands with a central biphenylene scaffold. CrystEngComm, 2019, 21, 6365-6373.	1.3	11
28	Cocrystallization as a tool to stabilize liquid active ingredients. Crystallography Reviews, 2021, 27, 102-123.	0.4	11
29	A synergic approach of X-ray powder diffraction and Raman spectroscopy for crystal structure determination of 2,3-thienoimide capped oligothiophenes. Physical Chemistry Chemical Physics, 2018, 20, 3630-3636.	1.3	10
30	Mechanochemical Preparation of Dipyridyl-Naphthalenediimide Cocrystals: Relative Role of Halogen-Bond and Ï€â€“Ï€ Interactions. Crystal Growth and Design, 2021, 21, 5687-5696.	1.4	9
31	Exploiting the Reducing Properties of Lignin for the Development of an Effective Lignin@Cu₂O Pesticide. Advanced Sustainable Systems, 2022, 6, .	2.7	9
32	Chemometric-assisted cocrystallization: supervised pattern recognition for predicting the formation of new functional cocrystals. Chemometrics and Intelligent Laboratory Systems, 2022, 226, 104580.	1.8	9
33	On the Mechanism of Cocrystal Mechanochemical Reaction via Low Melting Eutectic: A Time-Resolved In Situ Monitoring Investigation. Crystal Growth and Design, 2022, 22, 4260-4267.	1.4	9
34	Crystal engineering guidelines for ruthenium based wheel-and-axle compounds. Coordination Chemistry Reviews, 2020, 414, 213302.	9.5	8
35	Structure, vibrational, electrical and optical study of [C2H10N2] (IO3)2Â·4HIO3. Journal of Molecular Structure, 2019, 1179, 18-32.	1.8	7
36	Synthesis, characterization, antimicrobial and cytotoxic activity and DNA-binding properties of d-metal complexes with hydrazones of Girardâ€™s T and P reagents. Journal of Biological Inorganic Chemistry, 2021, 26, 863-880.	1.1	6

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37	Stabilization of liquid active guests via nanoconfinement into a flexible microporous metalâ€“organic framework. CrystEngComm, 2021, 23, 7262-7269.	1.3	6
38	Structural interplay between strontium and calcium in Î±-CaHPO4 and Î²-SrHPO4. Ceramics International, 2021, 47, 24412-24420.	2.3	5
39	On the nature of recurrent Auâ‹¯Ï€ motifs in tris(2,2â€²-bipyridine)M(<scp>ii</scp>) (M = Fe, Co and Ni) dicyanoaurate(<scp>i</scp>) salts: X-ray analysis and theoretical rationalization. Dalton Transactions, 2021, 50, 16954-16960.	1.6	4
40	X-ray, optical, vibrational, electrical, and DFT study of the polymorphic structure of ethylenediammonium bis iodate Î±-C2H10N2(IO3)2 and Î²-C2H10N2(IO3)2. Structural Chemistry, 2019, 30, 1911-1928.	1.0	2
41	Synthesis, spectroscopic and structural characterization and solution stability of ruthenium sandwich complexes containing 1,8-naphthalimide ligands. Inorganica Chimica Acta, 2021, 517, 120190.	1.2	2
42	Deciphering the Supramolecular Organization of Multiple Guests Inside a Microporous MOF to Understand their Release Profile. Angewandte Chemie, 2021, 133, 10282-10290.	1.6	1
43	Bis-isonicotinoyl linkers containing polyaromatic scaffolds: synthesis, structure and spectroscopic properties. Physical Chemistry Chemical Physics, 2022, 24, 1191-1201.	1.3	1
44	Comparison of different synthetic approaches for the fabrication of a bio-inspired 1D-coordination polymer: From solution chemistry to mechanochemistry. Inorganica Chimica Acta, 2022, 539, 121010.	1.2	1