Teresa M R Maria

List of Publications by Year
in descending order

47	768	623734	552781
papers	citations	14 h-index	26 g-index

47	47	47	1052
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A New Insight into Pyrazinamide Polymorphic Forms and their Thermodynamic Relationships. Crystal Growth and Design, 2010, 10, 274-282.	3.0	86
2	Pyrazinamide-Diflunisal: A New Dual-Drug Co-Crystal. Crystal Growth and Design, 2011, 11, 4780-4788.	3.0	80
3	Naproxen Cocrystals with Pyridinecarboxamide Isomers. Crystal Growth and Design, 2011, 11, 5396-5404.	3.0	62
4	Characterization of S-layer proteins of Lactobacillus by FTIR spectroscopy and differential scanning calorimetry. Vibrational Spectroscopy, 2009, 50, 68-77.	2.2	51
5	Self-assembled liquid crystals by hydrogen bonding between bipyridyl and alkylbenzoic acids: solvent-free synthesis by mechanochemistry. Liquid Crystals, 2014, 41, 1743-1751.	2.2	44
6	A thermodynamic based approach on the investigation of a diflunisal pharmaceutical co-crystal with improved intrinsic dissolution rate. International Journal of Pharmaceutics, 2014, 466, 68-75.	5.2	36
7	Permeation of sodium dodecyl sulfate through polyaniline-modified cellulose acetate membranes. Polymer, 2005, 46, 5918-5928.	3.8	31
8	Does poly(vinyl alcohol) act as an amphiphilic polymer? An interaction study with simvastatin. Journal of Molecular Liquids, 2016, 222, 287-294.	4.9	27
9	Resolved structures of two picolinamide polymorphs. Investigation of the dimorphic system behaviour under conditions relevant to co-crystal synthesis. CrystEngComm, 2012, 14, 8649.	2.6	20
10	A calorimetric study of phase transitions for some cyclohexanediols. Thermochimica Acta, 1995, 269-270, 405-413.	2.7	19
11	Structural and vibrational characterization of methyl glycolate in the low temperature crystalline and glassy states. Physical Chemistry Chemical Physics, 2000, 2, 1155-1163.	2.8	19
12	Polymorphism of trans-1,4-Cyclohexanediol: Conformational Isomorphism. Crystal Growth and Design, 2010, 10, 1194-1200.	3.0	19
13	Mn doping-induced structural and magnetic transformations in the antiferroelectric phase of the Bi1â^'xNdxFeO3 perovskites. Journal of Applied Physics, 2012, 112, 064105.	2.5	15
14	(Solid + liquid) phase diagram for trans -1,2-cyclohexanediol enantiomer mixtures. Journal of Chemical Thermodynamics, 2002, 34, 557-568.	2.0	14
15	Structural evidence of polymorphism and conformational isomorphism of a somewhat flexible molecule: m-anisic acid. Journal of Thermal Analysis and Calorimetry, 2015, 120, 667-677.	3.6	14
16	First observation of Chapman rearrangement of a pseudosaccharyl ether in the solid state: the thermal isomerization of 3-(methoxy)-1,2-benzisothiazole 1,1-dioxide revisited. Tetrahedron, 2008, 64, 3296-3305.	1.9	13
17	Levetiracetam + nonsteroidal anti-inflammatory drug binary systems: A contribution to the development of new solid dosage forms. International Journal of Pharmaceutics, 2017, 533, 1-13.	5.2	13
18	Lamotrigine: Design and synthesis of new multicomponent solid forms. European Journal of Pharmaceutical Sciences, 2019, 129, 148-162.	4.0	13

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19	Polymorphism and melt crystallisation of racemic betaxolol, a Î²-adrenergic antagonist drug. Journal of Thermal Analysis and Calorimetry, 2013, 111, 2171-2178.	3.6	12
20	Polymorphism of cis-1,4-cyclohexanediol, a new plastic crystal former. Considerations on isomeric cyclohexanediols plastic crystal forming abilities. Journal of Molecular Structure, 2014, 1078, 10-19.	3.6	12
21	Modulating the Self-Assembly of Calix[4]azacrowns to Design Materials with Improved Emission and Stimuli-Responsive Behavior. Journal of Physical Chemistry C, 2014, 118, 13118-13125.	3.1	12
22	Co-crystals of diflunisal and isomeric pyridinecarboxamides â€“ a thermodynamics and crystal engineering contribution. CrystEngComm, 2016, 18, 4749-4759.	2.6	12
23	Unravelling the distinct crystallinity and thermal properties of suberin compounds from Quercus suber and Betula pendula outer barks. International Journal of Biological Macromolecules, 2016, 93, 686-694.	7.5	12
24	The low temperature crystalline and glassy states of methyl Î±-hydroxy-isobutyrate. Physical Chemistry Chemical Physics, 2001, 3, 387-392.	2.8	11
25	Synthesis of liquid crystals based on hydrogen-bonding of 4-(Octyloxy)benzoic acid with 4-alkylbenzoic acids. Molecular Crystals and Liquid Crystals, 2016, 630, 87-101.	0.9	11
26	Synthesis, structure and physical properties of luminescent Pr(III) Î²-diketonate complexes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 172, 25-33.	3.9	11
27	Thermally Induced Sigmatropic Isomerization of Pseudosaccharyl Allylic Ether. Journal of Physical Chemistry A, 2009, 113, 3517-3522.	2.5	10
28	Binary phase diagrams of pyridinecarboxamide isomers. Journal of Thermal Analysis and Calorimetry, 2017, 130, 1727-1733.	3.6	9
29	Molar Heat Capacity of 1,2-Cyclohexanediol Isomers From (173 to 428) K. Journal of Chemical & Engineering Data, 2008, 53, 1316-1320.	1.9	8
30	Glass-forming ability of butanediol isomers. Journal of Thermal Analysis and Calorimetry, 2010, 100, 385-390.	3.6	7
31	Generating Flexibility in Inclusion Compounds that Possess Solvent-Accessible Voids: An Alternative Route to Control Pore Size in Three-Dimensional Nanoporous Molecular Crystals. Crystal Growth and Design, 2013, 13, 4512-4517.	3.0	7
32	Enthalpy of sublimation/vaporization of trans-cyclohexyl-1,4-diamine and cis-cyclohexyl-1,2-diamine. Journal of Chemical Thermodynamics, 2007, 39, 1354-1356.	2.0	6
33	2-Quinolinecarboxaldehyde: Polymorphic behavior of a small rigid molecule. Journal of Molecular Structure, 2012, 1030, 67-74.	3.6	6
34	The thermal sigmatropic isomerization of pseudosaccharyl crotyl ether. Tetrahedron, 2013, 69, 810-815.	1.9	6
35	Molecular structure and polymorphism of a cyclohexanediol: trans-1,4-cyclohexanedimethanol. CrystEngComm, 2014, 16, 10977-10986.	2.6	6
36	Polymorphism of 1,3-cyclohexanediols: molecular structure and plastic crystal formation of cyclohexanediol isomers. CrystEngComm, 2019, 21, 3395-3408.	2.6	6

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37	Intermolecularly-induced conformational disorder in ferrocene, 1-bromoferrocene and 1,1â€²-dibromoferrocene. Journal of Molecular Structure, 2014, 1078, 90-105.	3.6	5
38	Solid state investigation of BINOL and BINOL derivatives: A contribution to enantioselective symmetry breaking by crystallization. Thermochimica Acta, 2017, 648, 32-43.	2.7	5
39	Vibrational and Thermal Studies of Essential Oils Derived from Cistus ladanifer and Erica arborea Shrubs. Natural Product Communications, 2017, 12, 1934578X1701200.	0.5	5
40	Solar spectral management with electrochromic devices including PMMA films doped with biluminescent ionosilicas. Journal of Sol-Gel Science and Technology, 2022, 101, 58-70.	2.4	4
41	Crude and refined oils from Elaeis guineensis: Facile characterization by FTIR and thermal analysis techniques. International Journal of Food Properties, 2017, 20, S2739-S2749.	3.0	3
42	Co-crystal of suberic acid and 1,2-bis(4-pyridyl)ethane: A new case of packing polymorphism. Journal of Molecular Structure, 2017, 1147, 76-83.	3.6	2
43	Dihydrofolate Reductase Inhibitors: The Pharmacophore as a Guide for Co-Crystal Screening. Molecules, 2021, 26, 6721.	3.8	2
44	5,10,15,20-Tetrakis(4-acetyloxyphenyl)porphyrin including an unknown solvate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3462-o3463.	0.2	1
45	Crystal structure of (R)-2â€²-benzyloxy-[1,1â€²-binaphthalen]-2-yl trifluoromethanesulfonate. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o1096-o1097.	0.2	1
46	Argilas como catalisadores verdes na esterificaÃ§Ã£o do colesterol: caracterizaÃ§Ã£o espectroscÃ³pica e identificaÃ§Ã£o de polimorfos por mÃ©todos de anÃ¡lise tÃ©rmica. Uma proposta laboratorial interdisciplinar para o 1Âº ciclo universitÃ¡rio. Quimica Nova, 2009, 32, 2225-2229.	0.3	0
47	Columnar Formation in Sodium Triphenylacetate. Journal of Chemical Crystallography, 2014, 44, 543-547.	1.1	0