

Simone D'agostino

List of Publications by Year in descending order

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48
papers

1,168
citations

471371

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395590

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all docs

50
docs citations

50
times ranked

1803
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlled Hydrolysis of Odorants Schiff Bases in Low-Molecular-Weight Gels. International Journal of Molecular Sciences, 2022, 23, 3105.	1.8	8
2	Water Remediation from Pollutant Agents by the Use of an Environmentally Friendly Supramolecular Hydrogel. ChemNanoMat, 2022, 8, .	1.5	7
3	Embroidering Ionic Cocrystals with Polyiodide Threads: The Peculiar Outcome of the Mechanochemical Reaction between Alkali Iodides and Cyanuric Acid. Crystal Growth and Design, 2022, 22, 2759-2767.	1.4	2
4	Visualizing a SCSC [2 + 2] photodimerization through its lattice dynamics: an experimental and theoretical investigation. ChemPhysChem, 2022, , .	1.0	3
5	Charge transfer complexes of a benzothienobenzothiophene derivative and their implementation as active layer in solution-processed thin film organic field-effect transistors. Journal of Materials Chemistry C, 2022, 10, 7319-7328.	2.7	11
6	The impact of solid solution composition on kinetics and mechanism of [2 + 2] photodimerization of cinnamic acid derivatives. CrystEngComm, 2021, 23, 1352-1359.	1.3	5
7	Precursor polymorph determines the organic semiconductor structure formed upon annealing. Journal of Materials Chemistry C, 2021, 9, 10865-10874.	2.7	7
8	Growth, morphology and molecular orientation of controlled Indigo thin films on silica surfaces. Surfaces and Interfaces, 2021, 24, 101058.	1.5	6
9	Tuning the Solubility of the Herbicide Bentazon: from Salt to Neutral and to Inclusion Complexes. ACS Sustainable Chemistry and Engineering, 2021, 9, 12530-12539.	3.2	6
10	Crystal alignment of surface stabilized polymorph in thioindigo films. Dyes and Pigments, 2020, 172, 107847.	2.0	9
11	Environmentally Friendly Sunscreens: Mechanochemical Synthesis and Characterization of β -CD Inclusion Complexes of Avobenzone and Octinoxate with Improved Photostability. ACS Sustainable Chemistry and Engineering, 2020, 8, 13215-13225.	3.2	22
12	In Search of Surface-Induced Crystal Structures: The Case of Tyrian Purple. Journal of Physical Chemistry C, 2020, 124, 17702-17710.	1.5	3
13	Natural Antimicrobials Meet a Synthetic Antibiotic: Carvacrol/Thymol and Ciprofloxacin Cocrystals as a Promising Solid-State Route to Activity Enhancement. Crystal Growth and Design, 2020, 20, 6796-6803.	1.4	22
14	Cytotoxic Activity of Organotin(IV) Derivatives with Triazolopyrimidine Containing Exocyclic Oxygen Atoms. Molecules, 2020, 25, 859.	1.7	20
15	Solid-State Dynamics and High-Pressure Studies of a Supramolecular Spiral Gear. Chemistry - A European Journal, 2020, 26, 5061-5069.	1.7	9
16	Pentasulfurated benzene-cored asterisks: relationship between crystal structure and luminescence properties. New Journal of Chemistry, 2020, 44, 3249-3254.	1.4	7
17	Binary and Ternary Solid Solutions of Ionic Plastic Crystals, and Modulation of Plastic Phase Transitions. Crystal Growth and Design, 2019, 19, 6266-6273.	1.4	13
18	Nanowire iron(III) coordination polymer based on 1,2,4-triazolo[1,5-a]pyrimidine and chloride ligands. Polyhedron, 2019, 162, 45-51.	1.0	5

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19	Spectroscopic identification of quinacridone polymorphs for organic electronics. <i>CrystEngComm</i> , 2019, 21, 3702-3708.	1.3	13
20	Supramolecular zwitterions based on a novel boronic acid-squarate dianion synthon. <i>CrystEngComm</i> , 2019, 21, 3186-3191.	1.3	2
21	Ultralong Organic Phosphorescence in the Solid State: The Case of Triphenylene Cocrystals with Halo- and Dihalo-penta/tetrafluorobenzene. <i>Crystal Growth and Design</i> , 2019, 19, 336-346.	1.4	33
22	Zwitterionic Systems Obtained by Condensation of Heteroaryl-Boronic Acids and Rhodizonic Acid. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 1574-1582.	1.2	4
23	Size Matters: [2 + 2] Photoreactivity In Macro- and Microcrystalline Salts of 4-Aminocinnamic Acid. <i>Crystal Growth and Design</i> , 2018, 18, 2510-2517.	1.4	13
24	Activating [4 + 4] photoreactivity in the solid-state <i>via</i> complexation: from 9-(methylaminomethyl)anthracene to its silver complexes. <i>Dalton Transactions</i> , 2018, 47, 5725-5733.	1.6	11
25	Self-Assembly and Exfoliation of a Molecular Solid Based on Cooperative π and Hydrogen Bonds. <i>Crystal Growth and Design</i> , 2018, 18, 7259-7263.	1.4	9
26	From Solid-State Structure and Dynamics to Crystal Engineering. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 3597-3605.	1.0	29
27	Structural, Spectroscopic, and Computational Characterization of the Concomitant Polymorphs of the Natural Semiconductor Indigo. <i>Journal of Physical Chemistry C</i> , 2018, 122, 18422-18431.	1.5	22
28	Precessional Motion in Crystalline Solid Solutions of Ionic Rotors. <i>Chemistry - A European Journal</i> , 2018, 24, 15059-15066.	1.7	13
29	Halogen-Bond Effects on the Thermal and Photochromic Behaviour of Anil-Based Molecular Co-crystals. <i>Chemistry - A European Journal</i> , 2017, 23, 5317-5329.	1.7	52
30	Designing Solid Solutions of Enantiomers: Lack of Enantioselectivity of Chiral Naphthalimide Derivatives in the Solid State. <i>Crystal Growth and Design</i> , 2017, 17, 6477-6485.	1.4	18
31	Photo- vs Mechano-Induced Polymorphism and Single Crystal to Single Crystal [2 + 2] Photoreactivity in a Bromide Salt of 4-Amino-Cinnamic Acid. <i>Crystal Growth and Design</i> , 2017, 17, 4491-4495.	1.4	22
32	Making crystals with a purpose; a journey in crystal engineering at the University of Bologna. <i>IUCr</i> , 2017, 4, 369-379.	1.0	40
33	Single crystal to single crystal [2+2] photoreactions in chloride and sulphate salts of 4-amino-cinnamic acid via solid-solution formation: a structural and kinetic study. <i>Chemical Communications</i> , 2016, 52, 1899-1902.	2.2	31
34	Photoinduced reversible switching of porosity in molecular crystals based on star-shaped azobenzene tetramers. <i>Nature Chemistry</i> , 2015, 7, 634-640.	6.6	229
35	Tipping the Balance with the Aid of Stoichiometry: Room Temperature Phosphorescence versus Fluorescence in Organic Cocrystals. <i>Crystal Growth and Design</i> , 2015, 15, 2039-2045.	1.4	78
36	Fluorescent crystals and co-crystals of 1,8-naphthalimide derivatives: synthesis, structure determination and photophysical characterization. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9425-9434.	2.7	29

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37	Intriguing Case of <i>Pseudo</i> -Isomorphism between Chiral and Racemic Crystals of <i>rac</i> - and (<i>S</i>)/(<i>R</i>)-2-(1,8-Naphthalimido)-2-quinuclidin-3-yl, and Their Reactivity Toward I_2 and IBr. <i>Crystal Growth and Design</i> , 2014, 14, 821-829.	1.4	12
38	Luminescence Properties of 1,8-Naphthalimide Derivatives in Solution, in Their Crystals, and in Co-crystals: Toward Room-Temperature Phosphorescence from Organic Materials. <i>Journal of Physical Chemistry C</i> , 2014, 118, 18646-18658.	1.5	123
39	Exciton coupling in molecular salts of 2-(1,8-naphthalimido)ethanoic acid and cyclic amines: modulation of the solid-state luminescence. <i>CrystEngComm</i> , 2013, 15, 10470.	1.3	13
40	A quest for supramolecular gelators: silver(i) complexes with quinoline-urea derivatives. <i>Dalton Transactions</i> , 2013, 42, 16949.	1.6	11
41	Shape Takes the Lead: Templating Organic 3D-Frameworks around Organometallic Sandwich Compounds. <i>Organometallics</i> , 2012, 31, 1688-1695.	1.1	16
42	Co-Crystals and Salts Obtained from Dinitrogen Bases and 1,2,3,4-Cyclobutane Tetracarboxylic Acid and the Use of the Latter As a Template for Solid-State Photocyclization Reactions. <i>Crystal Growth and Design</i> , 2012, 12, 4880-4889.	1.4	18
43	Surprising robustness of a unit cell: isomorphism in caesium 18-crown[6] complexes with aromatic polycarboxylate anions. <i>CrystEngComm</i> , 2011, 13, 1366-1372.	1.3	17
44	Crystal to crystal transformations and polymorphism in anionic hydrogen bonding networks stabilized by crown ether metal complexes. <i>Dalton Transactions</i> , 2011, 40, 4765.	1.6	26
45	Polymorphs from supramolecular gels: four crystal forms of the same silver(i) supergelator crystallized directly from its gels. <i>Chemical Communications</i> , 2011, 47, 5154.	2.2	71
46	Dealing with Crystal Forms (The Kingdom of Serendip?). <i>Chemistry - an Asian Journal</i> , 2011, 6, 2214-2223.	1.7	32
47	Caesium 18-crown[6] complexes with aromatic polycarboxylate anions: preparation, solid-state characterization and thermal behaviour. <i>CrystEngComm</i> , 2009, 11, 1994.	1.3	15
48	Engineering Plastic Phase Transitions via Solid Solutions: The Case of "Reordering Frustration" in Ionic Plastic Crystals of Hydroxyquinuclidinium Salts. <i>Molecular Systems Design and Engineering</i> , 0, ,	1.7	1