

# Simone D'agostino

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

1,168  
citations

471371

17  
h-index

395590

33  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1803  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Halogen-Bond Effects on the Thermo- and Photochromic Behaviour of Anil-Based Molecular Co-crystals. <i>Chemistry - A European Journal</i> , 2017, 23, 5317-5329.	1.7	52
6	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
7	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
8	Dealing with Crystal Forms (The Kingdom of Serendip?). <i>Chemistry - an Asian Journal</i> , 2011, 6, 2214-2223.	1.7	32
9	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
10	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
11	From Solid-State Structure and Dynamics to Crystal Engineering. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 3597-3605.	1.0	29
12	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
13	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
14	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
15	Environmentally Friendly Sunscreens: Mechanochemical Synthesis and Characterization of $\beta$ -CD Inclusion Complexes of Avobenzone and Octinoxate with Improved Photostability. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 13215-13225.	3.2	22
16	Natural Antimicrobials Meet a Synthetic Antibiotic: Carvacrol/Thymol and Ciprofloxacin Cocrystals as a Promising Solid-State Route to Activity Enhancement. <i>Crystal Growth and Design</i> , 2020, 20, 6796-6803.	1.4	22
17	Cytotoxic Activity of Organotin(IV) Derivatives with Triazolopyrimidine Containing Exocyclic Oxygen Atoms. <i>Molecules</i> , 2020, 25, 859.	1.7	20
18	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

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19	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
20	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
21	Shape Takes the Lead: Templating Organic 3D-Frameworks around Organometallic Sandwich Compounds. <i>Organometallics</i> , 2012, 31, 1688-1695.	1.1	16
22	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
23	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
24	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
25	Precessional Motion in Crystalline Solid Solutions of Ionic Rotors. <i>Chemistry - A European Journal</i> , 2018, 24, 15059-15066.	1.7	13
26	Binary and Ternary Solid Solutions of Ionic Plastic Crystals, and Modulation of Plastic Phase Transitions. <i>Crystal Growth and Design</i> , 2019, 19, 6266-6273.	1.4	13
27	Spectroscopic identification of quinacridone polymorphs for organic electronics. <i>CrystEngComm</i> , 2019, 21, 3702-3708.	1.3	13
28	Intriguing Case of Pseudo-Isomorphism between Chiral and Racemic Crystals of rac- and (S)/(R)-2-(1,8-Naphthalimido)-2-quinuclidin-3-yl, and Their Reactivity Toward I <sub>2</sub> and IBr. <i>Crystal Growth and Design</i> , 2014, 14, 821-829.	1.4	12
29	A quest for supramolecular gelators: silver(i) complexes with quinoline-urea derivatives. <i>Dalton Transactions</i> , 2013, 42, 16949.	1.6	11
30	Activating [4 + 4] photoreactivity in the solid-state via complexation: from 9-(methylaminomethyl)anthracene to its silver complexes. <i>Dalton Transactions</i> , 2018, 47, 5725-5733.	1.6	11
31	Charge transfer complexes of a benzothienobenzothiophene derivative and their implementation as active layer in solution-processed thin film organic field-effect transistors. <i>Journal of Materials Chemistry C</i> , 2022, 10, 7319-7328.	2.7	11
32	Self-Assembly and Exfoliation of a Molecular Solid Based on Cooperative H <sub>2</sub> N and Hydrogen Bonds. <i>Crystal Growth and Design</i> , 2018, 18, 7259-7263.	1.4	9
33	Crystal alignment of surface stabilized polymorph in thioindigo films. <i>Dyes and Pigments</i> , 2020, 172, 107847.	2.0	9
34	Solid-State Dynamics and High-Pressure Studies of a Supramolecular Spiral Gear. <i>Chemistry - A European Journal</i> , 2020, 26, 5061-5069.	1.7	9
35	Controlled Hydrolysis of Odorants Schiff Bases in Low-Molecular-Weight Gels. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3105.	1.8	8
36	Pentasulfurated benzene-cored asterisks: relationship between crystal structure and luminescence properties. <i>New Journal of Chemistry</i> , 2020, 44, 3249-3254.	1.4	7

#	ARTICLE	IF	CITATIONS
37	Precursor polymorph determines the organic semiconductor structure formed upon annealing. <i>Journal of Materials Chemistry C</i> , 2021, 9, 10865-10874.	2.7	7
38	Water Remediation from Pollutant Agents by the Use of an Environmentally Friendly Supramolecular Hydrogel. <i>ChemNanoMat</i> , 2022, 8, .	1.5	7
39	Growth, morphology and molecular orientation of controlled Indigo thin films on silica surfaces. <i>Surfaces and Interfaces</i> , 2021, 24, 101058.	1.5	6
40	Tuning the Solubility of the Herbicide Bentazon: from Salt to Neutral and to Inclusion Complexes. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 12530-12539.	3.2	6
41	Nanowire iron(III) coordination polymer based on 1,2,4-triazolo[1,5-a]pyrimidine and chloride ligands. <i>Polyhedron</i> , 2019, 162, 45-51.	1.0	5
42	The impact of solid solution composition on kinetics and mechanism of [2 + 2] photodimerization of cinnamic acid derivatives. <i>CrystEngComm</i> , 2021, 23, 1352-1359.	1.3	5
43	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
44	In Search of Surface-Induced Crystal Structures: The Case of Tyrian Purple. <i>Journal of Physical Chemistry C</i> , 2020, 124, 17702-17710.	1.5	3
45	Visualizing a SCSC [2 + 2] photodimerization through its lattice dynamics: an experimental and theoretical investigation. <i>ChemPhysChem</i> , 2022, , .	1.0	3
46	Supramolecular zwitterions based on a novel boronic acid-squarate dianion synthon. <i>CrystEngComm</i> , 2019, 21, 3186-3191.	1.3	2
47	Embroidering Ionic Cocrystals with Polyiodide Threads: The Peculiar Outcome of the Mechanochemical Reaction between Alkali Iodides and Cyanuric Acid. <i>Crystal Growth and Design</i> , 2022, 22, 2759-2767.	1.4	2
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