

# Annunziata Soriente

## List of Publications by Year in descending order

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57  
papers

1,380  
citations

279798

23  
h-index

361022

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g-index

63  
all docs

63  
docs citations

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times ranked

1058  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prismarenes: A New Class of Macrocyclic Hosts Obtained by Templatation in a Thermodynamically Controlled Synthesis. <i>Journal of the American Chemical Society</i> , 2020, 142, 1752-1756.	13.7	112
2	Mild Friedel-Crafts Reactions inside a Hexameric Resorcinarene Capsule: C-Cl Bond Activation through Hydrogen Bonding to Bridging Water Molecules. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5423-5428.	13.8	82
3	The Hexameric Resorcinarene Capsule at Work: Supramolecular Catalysis in Confined Spaces. <i>Chemistry - A European Journal</i> , 2019, 25, 4899-4913.	3.3	81
4	An efficient asymmetric aldol reaction of Chan's diene promoted by chiral Ti(IV)-BINOL complex. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 959-963.	1.8	58
5	The hexameric resorcinarene capsule as an artificial enzyme: ruling the regio and stereochemistry of a 1,3-dipolar cycloaddition between nitrones and unsaturated aldehydes. <i>Organic Chemistry Frontiers</i> , 2018, 5, 827-837.	4.5	57
6	Supramolecular Catalysis with Self-Assembled Capsules and Cages: What Happens in Confined Spaces. <i>ChemCatChem</i> , 2021, 13, 1638-1658.	3.7	52
7	Synthesis of calix[4]arene derivatives bearing chiral pendant groups as ligands for enantioselective catalysis. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 2333-2340.	1.8	49
8	Tuning Cycloparaphenylene Host Properties by Chemical Modification. <i>Journal of Organic Chemistry</i> , 2017, 82, 9885-9889.	3.2	45
9	Enantioselective aldol condensation of 1,3-bis-(trimethylsilyloxy)-1-methoxy-but-1,3-diene promoted by chiral Ti(IV)/BINOL complex. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 2255-2258.	1.8	43
10	Pronounced asymmetric amplification in the aldol condensation of Chan's diene promoted by a Ti(IV)/BINOL complex. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 2421-2424.	1.8	41
11	Exploiting the hydrophobicity of calixarene macrocycles for catalysis under aqueous conditions. <i>RSC Advances</i> , 2016, 6, 91846-91851.	3.6	36
12	A combination of water and microwave irradiation promotes the catalyst-free addition of pyrroles and indoles to nitroalkenes. <i>Tetrahedron</i> , 2010, 66, 2981-2986.	1.9	34
13	Synergic Interplay Between Halogen Bonding and Hydrogen Bonding in the Activation of a Neutral Substrate in a Nanoconfined Space. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 811-818.	13.8	34
14	First enantioselective synthesis of manolide: application of aldehyde-dioxinone enantioselective condensation. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 4481-4484.	1.8	32
15	Study on an Aldol Reaction Catalyzed by Ti(IV)/Calix[n]arene Complexes. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 816-824.	4.3	32
16	Nonlinear effects and auto-induction in the asymmetric aldol condensation of synthetic equivalents of acetoacetic esters. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 1949-1952.	1.8	30
17	Efficient organocatalysis with a calix[4]pyrrole derivative. <i>Tetrahedron Letters</i> , 2008, 49, 153-155.	1.4	29
18	Ti(IV)/BINOL-catalyzed asymmetric aldol reaction of a masked acetoacetic ester: pronounced influence of catalyst concentration on nonlinear effects. <i>Tetrahedron Letters</i> , 2003, 44, 6087-6090.	1.4	27

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19	Water opportunities: catalyst and solvent in Mukaiyama aldol addition of Rawal's diene to carbonyl derivatives. <i>Tetrahedron</i> , 2011, 67, 5949-5955.	1.9	27
20	The Odd Couple(s): An Overview of Beta-Lactam Antibiotics Bearing More Than One Pharmacophoric Group. <i>International Journal of Molecular Sciences</i> , 2021, 22, 617.	4.1	27
21	A hexameric resorcinarene capsule as a hydrogen bonding catalyst in the conjugate addition of pyrroles and indoles to nitroalkenes. <i>Organic Chemistry Frontiers</i> , 2019, 6, 2339-2347.	4.5	26
22	Kinetic and Thermodynamic Modulation of Dynamic Imine Libraries Driven by the Hexameric Resorcinarene Capsule. <i>Journal of the American Chemical Society</i> , 2020, 142, 14914-14923.	13.7	26
23	Novel promising linezolid analogues: Rational design, synthesis and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2013, 69, 779-785.	5.5	25
24	Mild Friedel-Crafts Reactions inside a Hexameric Resorcinarene Capsule: C-Cl Bond Activation through Hydrogen Bonding to Bridging Water Molecules. <i>Angewandte Chemie</i> , 2018, 130, 5521-5526.	2.0	25
25	Efficient synthesis of chiral non-racemic 6-(furan-3-yl)-5,6-dihydro-pyran-2-ones. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 3659-3662.	1.8	24
26	The first organocatalytic addition of 2-trimethylsilyloxyfuran to carbonyl compounds: hydrogen-bond catalysis in $\beta$ -butenolides synthesis. <i>Tetrahedron Letters</i> , 2006, 47, 8507-8510.	1.4	24
27	Calixpyrrole Derivatives: $\pi$ -Multi Hydrogen Bond-Catalysts for $\beta$ -Butenolide Synthesis. <i>Molecules</i> , 2009, 14, 2594-2601.	3.8	24
28	A Simple Tetraminocalix[4]arene as a Highly Efficient Catalyst under $\pi$ -On-Water-Conditions through Hydrophobic Amplification of Weak Hydrogen Bonds. <i>Chemistry - A European Journal</i> , 2017, 23, 7142-7151.	3.3	24
29	Calix[n]arene/Ti(IV) complexes as active catalysts in aldol reaction of Chan's diene. <i>Tetrahedron Letters</i> , 2003, 44, 6195-6198.	1.4	20
30	Novel Penicillin-Type Analogues Bearing a Variable Substituted 2-Azetidinone Ring at Position 6: Synthesis and Biological Evaluation. <i>Molecules</i> , 2015, 20, 22044-22057.	3.8	20
31	A New Organocatalytic Approach to Substituted Unsaturated Lactams. <i>Letters in Organic Chemistry</i> , 2009, 6, 301-305.	0.5	18
32	Synthesis of new antifungal peptides selective against <i>Cryptococcus neoformans</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 7985-7990.	3.0	18
33	Nucleophilic Functionalization of the Calix[6]arene <i>Para</i> - and <i>Meta</i> -Position via <i>p</i> -Bromodienone Route. <i>Journal of Organic Chemistry</i> , 2015, 80, 7295-7300.	3.2	18
34	Genomic salmon testes DNA as a catalyst for Michael reactions in water. <i>Tetrahedron</i> , 2012, 68, 3086-3091.	1.9	17
35	Molecular Recognition in an Aqueous Medium Using Water-Soluble Prismarene Hosts. <i>Organic Letters</i> , 2022, 24, 2711-2715.	4.6	17
36	The Hexameric Resorcinarene Capsule as a Brønsted Acid Catalyst for the Synthesis of Bis(heteroaryl)methanes in a Nanoconfined Space. <i>Frontiers in Chemistry</i> , 2019, 7, 687.	3.6	13

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37	Synthesis, Optoelectronic, and Supramolecular Properties of a Calix[4]arene- $\beta$ -Cycloparaphenylene Hybrid Host. <i>Organic Letters</i> , 2018, 20, 7415-7418.	4.6	12
38	An Atom-Economical Method for the Formation of Amidopyrroles Exploiting the Self-Assembled Resorcinarene Capsule. <i>Organic Letters</i> , 2020, 22, 2590-2594.	4.6	12
39	Threading of Conformationally Stable Calix[6]arene Wheels Substituted at the Methylene Bridges. <i>Journal of Organic Chemistry</i> , 2019, 84, 11922-11927.	3.2	8
40	Synthesis and biological evaluation of the progenitor of a new class of cephalosporin analogues, with a particular focus on structure-based computational analysis. <i>PLoS ONE</i> , 2017, 12, e0181563.	2.5	7
41	Synthesis, Characterization, and Solid-State Structure of [8]Cycloparaphenylenes with Inherent Chirality. <i>Journal of Organic Chemistry</i> , 2019, 84, 9489-9496.	3.2	7
42	Negative Solvatochromism in a <i>N</i> -Linked <i>p</i> -Pyridiniumcalix[4]arene Derivative. <i>Organic Letters</i> , 2019, 21, 2704-2707.	4.6	7
43	Green, Mild, and Efficient Friedel-Crafts Benzoylation of Scarcely Reactive Arenes and Heteroarenes under On-Water Conditions. <i>ChemSusChem</i> , 2019, 12, 1673-1683.	6.8	6
44	New compounds for a good old class: Synthesis of two $\beta$ -lactam bearing cephalosporins and their evaluation with a multidisciplinary approach. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115302.	3.0	6
45	Solvent and Guest-Driven Supramolecular Organic Frameworks Based on a Calix[4]arene-tetrol: Channels vs Molecular Cavities. <i>Crystal Growth and Design</i> , 2021, 21, 6357-6363.	3.0	6
46	Carbocation catalysis in confined space: activation of trityl chloride inside the hexameric resorcinarene capsule. <i>Chemical Science</i> , 2022, 13, 8618-8625.	7.4	6
47	A tetrasulfate-resorcin[6]arene cavitand as the host for organic ammonium guests. <i>Organic Chemistry Frontiers</i> , 2016, 3, 1276-1280.	4.5	4
48	Computational analysis of the interactions of a novel cephalosporin derivative with $\beta$ -lactamases. <i>BMC Structural Biology</i> , 2018, 18, 13.	2.3	4
49	Synergic Interplay Between Halogen Bonding and Hydrogen Bonding in the Activation of a Neutral Substrate in a Nanoconfined Space. <i>Angewandte Chemie</i> , 2020, 132, 821-828.	2.0	4
50	Expanding Coefficient: A Parameter To Assess the Stability of Induced-Fit Complexes. <i>Organic Letters</i> , 2021, 23, 1804-1808.	4.6	4
51	Supramolecular synthons in the gamma-hydroxybutenolides. <i>CrystEngComm</i> , 2017, 19, 5079-5088.	2.6	3
52	Threading fluorescent calixarene-wheels with ammonium axles. <i>Supramolecular Chemistry</i> , 2018, 30, 627-641.	1.2	3
53	Multiple threading of a triple-calix[6]arene host. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 2092-2104.	2.2	2
54	Unusual Calixarenes Incorporating Chromene and Benzofuran Moieties Obtained via Propargyl Claisen Rearrangement. <i>Organic Letters</i> , 2021, 23, 9283-9287.	4.6	2

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55	Supramolecular catalysis in confined space: making the pyrogallol[4]arene capsule catalytically active in non-competitive solvent. <i>Organic Chemistry Frontiers</i> , 2022, 9, 2453-2463.	4.5	2
56	Exploiting the $\beta$ -Bromodienone Route for the Formation and Trapping of Calixarene Oxenium Cations with Enamine Nucleophiles. <i>Journal of Organic Chemistry</i> , 2018, 83, 5947-5953.	3.2	0
57	Frontispiece: The Hexameric Resorcinarene Capsule at Work: Supramolecular Catalysis in Confined Spaces. <i>Chemistry - A European Journal</i> , 2019, 25, .	3.3	0