

Antonio Salomone

List of Publications by Year in descending order

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40
papers

1,323
citations

331259

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344852

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docs citations

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times ranked

1017
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep eutectic solvents meet safe, scalable and sustainable hydrogenations enabled by aluminum powder and Pd/C. <i>Green Chemistry</i> , 2022, 24, 4388-4394.	4.6	12
2	Cobalt-catalyzed cross-coupling reactions of aryl- and alkylaluminum derivatives with (hetero)aryl and alkyl bromides. <i>Chemical Communications</i> , 2021, 57, 10564-10567.	2.2	4
3	Scalable Negishi Coupling between Organozinc Compounds and (Hetero)Aryl Bromides under Aerobic Conditions when using Bulk Water or Deep Eutectic Solvents with no Additional Ligands. <i>Angewandte Chemie</i> , 2021, 133, 10726-10730.	1.6	10
4	Scalable Negishi Coupling between Organozinc Compounds and (Hetero)Aryl Bromides under Aerobic Conditions when using Bulk Water or Deep Eutectic Solvents with no Additional Ligands. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10632-10636.	7.2	40
5	Copper-catalyzed Goldberg-type C–N coupling in deep eutectic solvents (DESs) and water under aerobic conditions. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 1773-1779.	1.5	30
6	Bio-based benzoxazines synthesized in a deep eutectic solvent: A greener approach toward vesicular nanosystems. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 768-773.	1.4	12
7	Regiodivergent synthesis of functionalized pyrimidines and imidazoles through phenacyl azides in deep eutectic solvents. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 1915-1923.	1.3	16
8	Sustainable Ligand-Free Heterogeneous Palladium-Catalyzed Sonogashira Cross-Coupling Reaction in Deep Eutectic Solvents. <i>ChemCatChem</i> , 2020, 12, 1979-1984.	1.8	55
9	Addition of Highly Polarized Organometallic Compounds to <i>tert</i> -Butanesulfinyl Imines in Deep Eutectic Solvents under Air: Preparation of Chiral Amines of Pharmaceutical Interest. <i>ChemSusChem</i> , 2020, 13, 3583-3588.	3.6	35
10	Streamlined Routes to Phenacyl Azides and 2,5-Diarylpyrazines Enabled by Deep Eutectic Solvents. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5557-5562.	1.2	22
11	First Direct Evidence of an <i>ortho</i> -Lithiated Aryloxetane: Solid and Solution Structure, and Dynamics. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5549-5556.	1.2	6
12	Heterocycle Synthesis through Pd-Catalyzed Carbonylative Coupling. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 4626-4643.	1.2	36
13	Towards a sustainable synthesis of amides: chemoselective palladium-catalysed aminocarbonylation of aryl iodides in deep eutectic solvents. <i>Chemical Communications</i> , 2018, 54, 8100-8103.	2.2	69
14	A Direct Synthesis of Isocytosine Analogues by Carbonylative Coupling of α -Chloro Ketones and Guanidines. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1780-1787.	1.2	15
15	Unveiling the Hidden Performance of Whole Cells in the Asymmetric Bioreduction of Aryl-containing Ketones in Aqueous Deep Eutectic Solvents. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1049-1057.	2.1	73
16	Green synthesis of 2-pyrazinones in deep eutectic solvents: From α -chloro oximes to peptidomimetic scaffolds. <i>Tetrahedron</i> , 2017, 73, 6193-6198.	1.0	24
17	Stereoselective Chemoenzymatic Synthesis of Optically Active Aryl-Substituted Oxygen-Containing Heterocycles. <i>Catalysts</i> , 2017, 7, 37.	1.6	10
18	An Expedient and Greener Synthesis of 2-Aminoimidazoles in Deep Eutectic Solvents. <i>Molecules</i> , 2016, 21, 924.	1.7	44

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19	Heterocycle-Mediated ortho-Functionalization of Aromatic Compounds: The DoM Methodology and Synthetic Utility. <i>Synthesis</i> , 2016, 48, 1993-2008.	1.2	22
20	Asymmetric chemoenzymatic synthesis of 1,3-diols and 2,4-disubstituted aryloxetanes by using whole cell biocatalysts. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 11438-11445.	1.5	17
21	Palladium-catalyzed carbonylative coupling of α -chloroketones with hydrazines: a simple route to pyrazolone derivatives. <i>Tetrahedron Letters</i> , 2016, 57, 3363-3367.	0.7	17
22	Synthesis of β -enamino acid and heteroaryl acetic acid derivatives by Pd-catalyzed carbonylation of α -chloroimines and 2-chloromethyl aza-heterocycles. <i>Tetrahedron Letters</i> , 2016, 57, 1421-1424.	0.7	12
23	Water opens the door to organolithiums and Grignard reagents: exploring and comparing the reactivity of highly polar organometallic compounds in unconventional reaction media towards the synthesis of tetrahydrofurans. <i>Chemical Science</i> , 2016, 7, 1192-1199.	3.7	106
24	Unexpected lateral-lithiation-induced alkylative ring opening of tetrahydrofurans in deep eutectic solvents: synthesis of functionalised primary alcohols. <i>Chemical Communications</i> , 2015, 51, 9459-9462.	2.2	79
25	Multicomponent Synthesis of Uracil Analogues Promoted by Pd-Catalyzed Carbonylation of α -Chloroketones in the Presence of Isocyanates and Amines. <i>Journal of Organic Chemistry</i> , 2015, 80, 8189-8197.	1.7	19
26	A direct synthesis of 3-acyl-4-hydroxy-2-pyranone derivatives via palladium-catalyzed carbonylation of α -chloroketones. A cascade reaction involving acylketenes. <i>Tetrahedron Letters</i> , 2015, 56, 2773-2776.	0.7	13
27	“The Great Beauty” of organolithium chemistry: a land still worth exploring. <i>Dalton Transactions</i> , 2014, 43, 14204-14210.	1.6	76
28	Direct observation of a lithiated oxirane: a synergistic study using spectroscopic, crystallographic, and theoretical methods on the structure and stereodynamics of lithiated ortho-trifluoromethyl styrene oxide. <i>Chemical Science</i> , 2014, 5, 528-538.	3.7	50
29	Ring opening of heterocycles containing a C=N double bond: a simple synthesis of imides promoted by acyl palladium species. <i>Tetrahedron</i> , 2014, 70, 6938-6943.	1.0	14
30	Regioselective desymmetrization of diaryltetrahydrofurans via directed ortho-lithiation: an unexpected help from green chemistry. <i>Chemical Communications</i> , 2014, 50, 8655-8658.	2.2	89
31	Stereoselective Synthesis of α -Alkylidene β -Oxo Amides by Palladium-Catalyzed Carbonylation. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 5932-5938.	1.2	24
32	Preparation of Polysubstituted Isochromanes by Addition of ortho-Lithiated Aryloxiranes to Enaminones. <i>Journal of Organic Chemistry</i> , 2013, 78, 11059-11065.	1.7	23
33	Synthesis and reactivity of trifluoromethyl substituted oxaziridines. <i>Tetrahedron</i> , 2013, 69, 3878-3884.	1.0	9
34	One-Pot Ester Synthesis from Allyl and Benzyl Halides and Alcohols by Palladium-Catalyzed Carbonylation. <i>Synthesis</i> , 2012, 44, 423-430.	1.2	19
35	Exploiting the Lithiation-Directing Ability of Oxetane for the Regioselective Preparation of Functionalized α -Aryloxetane Scaffolds under Mild Conditions. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7532-7536.	7.2	48
36	2-Lithiated-2-phenyloxetane: a new attractive synthon for the preparation of oxetane derivatives. <i>Chemical Communications</i> , 2011, 47, 9918.	2.2	56

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37	Solvent and TMEDA Effects on the Configurational Stability of Chiral Lithiated Aryloxiranes. Chemistry - A European Journal, 2011, 17, 8216-8225.	1.7	41
38	Azodioxy-carbonyl compounds by oxidation of cyclic imines with m-CPBA. Tetrahedron, 2011, 67, 2090-2095.	1.0	7
39	On the Dichotomic Reactivity of Lithiated Styrene Oxide: A Computational and Multinuclear Magnetic Resonance Investigation. Chemistry - A European Journal, 2009, 15, 7958-7979.	1.7	34
40	Michael Addition of Ortho-Lithiated Aryloxiranes to $\hat{1}\pm, \hat{1}^2$ -Unsaturated Malonates: Synthesis of Tetrahydroindenofuranones. Organic Letters, 2008, 10, 1947-1950.	2.4	16