

Fabio AricÃ²

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

2,350
citations

236925

25
h-index

243625

44
g-index

85
all docs

85
docs citations

85
times ranked

2137
citing authors

#	ARTICLE	IF	CITATIONS
1	Catechol-based macrocyclic aromatic ether-sulfones: synthesis, characterization and ring-opening polymerization. <i>Arkivoc</i> , 2022, 2021, 13-25.	0.5	0
2	Synthesis of 2,5-furandicarboxylic acid dimethyl ester from galactaric acid <i>via</i> dimethyl carbonate chemistry. <i>Green Chemistry</i> , 2022, 24, 2766-2771.	9.0	18
3	Fully renewable photocrosslinkable polycarbonates from cellulose-derived monomers. <i>Green Chemistry</i> , 2022, 24, 2871-2881.	9.0	11
4	A scale-up procedure to dialkyl carbonates; evaluation of their properties, biodegradability, and toxicity. <i>Sustainable Chemistry and Pharmacy</i> , 2022, 26, 100639.	3.3	4
5	Unravelling the crystal and molecular structure of a 1,3-linked aromatic poly(ether-ketone). <i>Materials Today Chemistry</i> , 2022, 24, 100853.	3.5	0
6	Synthetic approaches to 2,5-bis(hydroxymethyl)furan (BHMF): a stable bio-based diol. <i>Pure and Applied Chemistry</i> , 2021, 93, 551-560.	1.9	9
7	Alkyl carbonate derivatives of furanics: A family of bio-based stable compounds. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 19, 100352.	3.3	12
8	Mustard Carbonate Analogues as Sustainable Reagents for the Aminoalkylation of Phenols. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 3459-3464.	2.4	4
9	Sustainable Hyperbranched Functional Materials via Green Polymerization of Readily Accessible Levoglucosenone-Derived Monomers. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100284.	3.9	8
10	Alkyl Levulinates from Furfuryl Alcohol Using CT151 Purolite as Heterogenous Catalyst: Optimization, Purification, and Recycling. <i>Sustainable Chemistry</i> , 2021, 2, 493-505.	4.7	4
11	Dimethyl isosorbide <i>via</i> organocatalyst <i>N</i> -methyl pyrrolidine: scaling up, purification and concurrent reaction pathways. <i>Catalysis Science and Technology</i> , 2021, 11, 3411-3421.	4.1	17
12	Dimethyl Isosorbide As a Green Solvent for Sustainable Ultrafiltration and Microfiltration Membrane Preparation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 659-668.	6.7	90
13	Keggin heteropolyacid as catalyst for olefin epoxidation: A multiphase approach. <i>Sustainable Chemistry and Pharmacy</i> , 2020, 15, 100201.	3.3	5
14	Isosorbide as biobased platform chemical: Recent advances. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2020, 21, 82-88.	5.9	33
15	Editorial: Green Synthesis of Heterocycles. <i>Frontiers in Chemistry</i> , 2020, 8, 74.	3.6	4
16	Purolite-Catalyzed Etherification of 2,5-Bis(hydroxymethyl)furan: A Systematic Study. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 10221-10226.	6.7	27
17	Dialkyl Carbonates in the Green Synthesis of Heterocycles. <i>Frontiers in Chemistry</i> , 2019, 7, 300.	3.6	19
18	Benzo-Fused 1,4-Heterocycles via Dialkyl Carbonate Chemistry. <i>Synthesis</i> , 2019, 51, 1770-1778.	2.3	1

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19	An innovative and sustainable approach to spray paint graffiti removal from Istrian stone through the silica sol-gel chemistry: A preliminary assessment. <i>Journal of Cultural Heritage</i> , 2019, 36, 268-274.	3.3	7
20	Replacement of Toxic Feedstocks in Chemical Synthesis. , 2019, , 257-283.		0
21	Replacement of Toxic Feedstocks in Chemical Synthesis. , 2019, , 1-28.		0
22	An Easy Scalable Approach to HMF Employing DMC as Reaction Media: Reaction Optimization and Comparative Environmental Assessment. <i>ChemistrySelect</i> , 2018, 3, 2359-2365.	1.5	23
23	The reactions of dimethyl carbonate and its derivatives. <i>Green Chemistry</i> , 2018, 20, 28-85.	9.0	184
24	5-Membered cyclic ethers via phenonium ion mediated cyclization through carbonate chemistry. <i>Pure and Applied Chemistry</i> , 2018, 90, 93-107.	1.9	3
25	Î ² -Aminocarbonates in Regioselective and Ring Expansion Reactions. <i>Journal of Organic Chemistry</i> , 2018, 83, 236-243.	3.2	11
26	One-pot Preparation of Dimethyl Isosorbide from D-Sorbitol via Dimethyl Carbonate Chemistry. <i>ChemSusChem</i> , 2017, 10, 53-57.	6.8	28
27	Isosorbide and dimethyl carbonate: a green match. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 2256-2266.	2.2	42
28	Mustard Carbonate Analogues: Influence of the Leaving Group on the Neighboring Effect. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 2843-2851.	6.7	7
29	Mustard carbonate analogues. <i>Pure and Applied Chemistry</i> , 2016, 88, 3-16.	1.9	9
30	Linear and Cyclic Carbamates via Dialkyl Carbonate Chemistry. , 2016, , 509-529.		0
31	1,3-Oxazinan-2-ones via carbonate chemistry: a facile, high yielding synthetic approach. <i>Pure and Applied Chemistry</i> , 2016, 88, 227-237.	1.9	12
32	Azacrown Ethers from Mustard Carbonate Analogues. <i>ChemPlusChem</i> , 2015, 80, 471-474.	2.8	12
33	Acid Catalyzed Direct-Amidation-Dehydrocyclization of 2-Hydroxy-acetophenones to Benzoxazoles by a One-Pot Sustainable Synthesis. <i>Catalysis Letters</i> , 2015, 145, 939-946.	2.6	9
34	Synthesis of five- and six-membered heterocycles by dimethyl carbonate with catalytic amounts of nitrogen bicyclic bases. <i>Green Chemistry</i> , 2015, 17, 1176-1185.	9.0	40
35	One-pot oximation-Beckmann rearrangement of ketones and aldehydes to amides of industrial interest: Acetanilide, caprolactam and acetaminophen. <i>Catalysis Communications</i> , 2014, 49, 47-51.	3.3	37
36	Behaviour of iprit carbonate analogues in solventless reactions. <i>RSC Advances</i> , 2014, 4, 31071-31078.	3.6	9

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37	A Comparative Environmental Assessment for the Synthesis of 1,3-Oxazin-2-one by Metrics: Greenness Evaluation and Blind Spots. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 1056-1062.	6.7	25
38	Self-catalyzed direct amidation of ketones: A sustainable procedure for acetaminophen synthesis. <i>Catalysis Communications</i> , 2014, 54, 11-16.	3.3	20
39	The neighbouring effect of isosorbide and its epimers in their reactions with dimethyl carbonate. <i>ScienceOpen Research</i> , 2014, .	0.6	4
40	Chemical Behavior and Reaction Kinetics of Sulfur and Nitrogen Half-Mustard and Iprit Carbonate Analogues. <i>ACS Sustainable Chemistry and Engineering</i> , 2013, 1, 1319-1325.	6.7	19
41	Highly Selective Phosgene-Free Carbamoylation of Aniline by Dimethyl Carbonate under Continuous-Flow Conditions. <i>Organic Process Research and Development</i> , 2013, 17, 679-683.	2.7	39
42	1,3-Oxazinan-2-ones from Amines and 1,3-Diols through Dialkyl Carbonate Chemistry. <i>Synlett</i> , 2012, 23, 1809-1815.	1.8	16
43	Straightforward, metal-free, and stereoselective synthesis of 9-oxo- and 10-hydroxy-2(E)-decanoic acids, important components of honeybee (<i>Apis mellifera</i>) secretions. <i>RSC Advances</i> , 2012, 2, 5229.	3.6	7
44	Dimethyl Carbonate as a Sacrificial Molecule for the Synthesis of 5-Membered N- and O-Heterocycles. <i>Journal of the Chinese Chemical Society</i> , 2012, 59, 1375-1384.	1.4	16
45	5-Membered N-heterocyclic compounds by dimethyl carbonate chemistry. <i>Green Chemistry</i> , 2012, 14, 58-61.	9.0	33
46	Sulfur and Nitrogen Mustard Carbonate Analogues. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 3223-3228.	2.4	27
47	Synthesis of Five-Membered Cyclic Ethers by Reaction of 1,4-Diols with Dimethyl Carbonate. <i>ChemSusChem</i> , 2012, 5, 1578-1586.	6.8	57
48	Cyclization reaction of amines with dialkyl carbonates to yield 1,3-oxazinan-2-ones. <i>Pure and Applied Chemistry</i> , 2011, 84, 707-719.	1.9	26
49	Intramolecular cyclisation of isosorbide by dimethylcarbonate chemistry. <i>Comptes Rendus Chimie</i> , 2011, 14, 652-655.	0.5	15
50	Phosgene-free carbamoylation of aniline via dimethyl carbonate. <i>Pure and Applied Chemistry</i> , 2011, 84, 695-705.	1.9	28
51	Green Synthesis of Dimethyl Isosorbide. <i>ChemSusChem</i> , 2010, 3, 566-570.	6.8	104
52	Synthesis of Carbamates from Amines and Dialkyl Carbonates: Influence of Leaving and Entering Groups. <i>Synlett</i> , 2010, 2010, 1567-1571.	1.8	30
53	The stability of imine-containing dynamic [2]rotaxanes to hydrolysis. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 83-89.	2.8	26
54	Multiphase oxidation of alcohols and sulfides with hydrogen peroxide catalyzed by heteropolyacids. <i>Catalysis Communications</i> , 2010, 11, 1181-1184.	3.3	70

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55	Methylation of 2-Naphthol Using Dimethyl Carbonate under Continuous-Flow Gas-Phase Conditions. <i>Journal of Chemical Education</i> , 2010, 87, 1233-1235.	2.3	21
56	Dimethyl carbonate as a modern green reagent and solvent. <i>Russian Chemical Reviews</i> , 2010, 79, 479-489.	6.5	152
57	Reaction of dialkyl carbonates with alcohols: Defining a scale of the best leaving and entering groups. <i>Pure and Applied Chemistry</i> , 2009, 81, 1971-1979.	1.9	27
58	Reaction of the Ambident Electrophile Dimethyl Carbonate with the Ambident Nucleophile Phenylhydrazine. <i>Journal of Organic Chemistry</i> , 2008, 73, 1559-1562.	3.2	44
59	Synthesis of dialkyl ethers by decarboxylation of dialkyl carbonates. <i>Green Chemistry</i> , 2008, 10, 1182.	9.0	50
60	Dimethyl Carbonate: Green Solvent and Ambident Reagent. , 2008, , 213-232.		19
61	Insight into the Hard~Soft Acid~Base Properties of Differently Substituted Phenylhydrazines in Reactions with Dimethyl Carbonate. <i>Journal of Physical Chemistry B</i> , 2008, 112, 14525-14529.	2.6	34
62	Multiphase Oxidation of Aniline to Nitrosobenzene with Hydrogen Peroxide Catalyzed by Heteropolyacids. <i>Synlett</i> , 2008, 2008, 967-970.	1.8	20
63	Dynamic Mechanically Interlocked Dendrimers:~ Amplification in Dendritic Dynamic Combinatorial Libraries. <i>Macromolecules</i> , 2007, 40, 3951-3959.	4.8	57
64	Template-Directed Synthesis of Mechanically Interlocked Molecular Bundles Using Dynamic Covalent Chemistry. <i>Organic Letters</i> , 2006, 8, 3899-3902.	4.6	87
65	Pseudorotaxanes and Rotaxanes Formed by Viologen Derivatives. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 1857-1866.	2.4	52
66	Template-Directed Synthesis of Multiply Mechanically Interlocked Molecules Under Thermodynamic Control. <i>Chemistry - A European Journal</i> , 2005, 11, 4655-4666.	3.3	118
67	Template-Directed Dynamic Synthesis of Mechanically Interlocked Dendrimers. <i>Journal of the American Chemical Society</i> , 2005, 127, 5808-5810.	13.7	126
68	Synthesis of a [2]Catenane around a Ru(diimine) ³⁺ Scaffold by Ring-Closing Metathesis of Olefins. <i>Organic Letters</i> , 2003, 5, 1887-1890.	4.6	65
69	Microfabrication of high-performance aromatic polymers as nanotubes or fibrils by in situ ring-opening polymerisation of macrocyclic precursors. <i>Journal of Materials Chemistry</i> , 2003, 13, 1504-1506.	6.7	13
70	Non-covalent dimerisation of a bicyclic aromatic oligomer via loop~loop interlocking in the solid state. <i>New Journal of Chemistry</i> , 2002, 26, 1703-1705.	2.8	6
71	One-step syntheses of very large cage-type molecules from aromatic sub-units Electronic supplementary data (ESI) available: analytical and spectroscopic data for compounds 3~5 and 8. See http://www.rsc.org/suppdata/cc/b1/b108124c/ . <i>Chemical Communications</i> , 2001, , 2574-2575.	4.1	15
72	Templated Synthesis of Interlocked Molecules. <i>Topics in Current Chemistry</i> , 0, , 203-259.	4.0	176

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73	The neighbouring effect of isosorbide and its epimers in their reactions with dimethyl carbonate. ScienceOpen Research, 0, , .	0.6	2
74	Microwave-assisted aminoalkylation of phenols via mustard carbonate analogues. Synthesis, 0, , .	2.3	1