

Bruno Andrioletti

List of Publications by Year in descending order

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67
papers

2,829
citations

172457

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175258

52
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68
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docs citations

68
times ranked

3671
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in value-added aromatics by oxidation of lignin with transition metal complexes. <i>Transition Metal Chemistry</i> , 2022, 47, 189-211.	1.4	4
2	Choline Chloride/Urea Deep Eutectic Solvents: A Promising Reaction Medium for the Synthesis of Bio-Based Poly(hydroxyurethane)s. <i>Molecules</i> , 2022, 27, 4131.	3.8	0
3	Oxidative cleavage of cycloalkenes using hydrogen peroxide and a tungsten-based catalyst: towards a complete mechanistic investigation. <i>New Journal of Chemistry</i> , 2021, 45, 235-242.	2.8	5
4	Viticultural wood waste as a source of polyphenols of interest: Opportunities and perspectives through conventional and emerging extraction methods. <i>Waste Management</i> , 2020, 102, 782-794.	7.4	56
5	Dipyrromethene- π -Triazolylidene Silver Complexes: Synthesis, Structure and Opportunities. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 4409-4414.	2.0	4
6	Strong Affinity of Triazolium-Appended Dipyrromethenes (TADs) for BF ₄ ⁻ . <i>Molecules</i> , 2020, 25, 4555.	3.8	2
7	Influence of the ammonium salts used in the Brønsted acid catalyzed hydrothermal decomposition of d-glucose towards 5-HMF. <i>New Journal of Chemistry</i> , 2020, 44, 4171-4176.	2.8	4
8	Recent trends in the development of sustainable catalytic systems for the oxidative cleavage of cycloalkenes by hydrogen peroxide. <i>Catalysis Science and Technology</i> , 2019, 9, 5256-5278.	4.1	24
9	High frequency ultrasound as a tool for elucidating mechanistic elements of cis-cyclooctene epoxidation with aqueous hydrogen peroxide. <i>Ultrasonics Sonochemistry</i> , 2019, 53, 120-125.	8.2	11
10	Efficient Oxidation of Benzylic and Aliphatic Alcohols Using a Bioinspired Cross-Bridged Cyclam Manganese Complex with H ₂ O ₂ . <i>European Journal of Organic Chemistry</i> , 2019, 2019, 323-327.	2.4	14
11	Recent advances in the synthesis of [a ^h]-benzo-fused BODIPY fluorophores. <i>Chemical Communications</i> , 2018, 54, 12914-12929.	4.1	79
12	Acidic Hydrothermal Dehydration of D-Glucose into Humins: Identification and Characterization of Intermediates. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 13487-13493.	6.7	53
13	Straightforward and Sustainable Synthesis of Sulfonamides in Water under Mild Conditions. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5016-5022.	2.4	21
14	Selective and Catalyst-free Oxidation of D-Glucose to D-Glucuronic acid induced by High-Frequency Ultrasound. <i>Scientific Reports</i> , 2017, 7, 40650.	3.3	46
15	Hydrogen bonds prevent obtaining high molar mass PHUs. <i>Journal of Applied Polymer Science</i> , 2017, 134, 44958.	2.6	47
16	A study of cyclic carbonate aminolysis at room temperature: effect of cyclic carbonate structures and solvents on polyhydroxyurethane synthesis. <i>Polymer Chemistry</i> , 2017, 8, 592-604.	3.9	112
17	<i>Sonochemistry.</i> , 2017, , .		28
18	Urea- and Thiourea-Catalyzed Aminolysis of Carbonates. <i>ChemSusChem</i> , 2016, 9, 2269-2272.	6.8	69

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19	Synthesis of Aminotelechelic Prepolymers to Circumvent the Carbonation of Amines in Epoxy Coatings. <i>Macromolecular Materials and Engineering</i> , 2016, 301, 682-693.	3.6	14
20	Synthesis of P-stereogenic secondary phosphine oxides using $\hat{\pm}$ -d-glucosamine as a chiral precursor. <i>Tetrahedron Letters</i> , 2016, 57, 543-545.	1.4	18
21	Experimental and Theoretical Investigations of the Stereoselective Synthesis of P-Stereogenic Phosphine Oxides. <i>Chemistry - A European Journal</i> , 2015, 21, 9057-9061.	3.3	26
22	H ₂ O ₂ -Mediated Kraft Lignin Oxidation with Readily Available Metal Salts: What about the Effect of Ultrasound?. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 6046-6051.	3.7	27
23	Fe(TAML)Li/tert-butyl hydroperoxide as a new combination for benzylic C-H oxidation. <i>Tetrahedron Letters</i> , 2015, 56, 2517-2520.	1.4	34
24	Bis-triazolyl BODIPYs: a simple dye with strong red-light emission. <i>RSC Advances</i> , 2015, 5, 76342-76345.	3.6	10
25	Novel hybrid materials on the basis of nanostructured tin dioxide and a lipase from <i>Rhizopus delemar</i> with improved enantioselectivity. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 102, 72-80.	1.8	6
26	Green, selective and swift oxidation of cyclic alcohols to corresponding ketones. <i>Applied Catalysis A: General</i> , 2014, 478, 157-164.	4.3	35
27	Efficient and Selective Oxidation of D-Glucose into Gluconic acid under Low-Frequency Ultrasonic Irradiation. <i>ChemCatChem</i> , 2014, 6, 3355-3359.	3.7	36
28	Synthesis, Solid-State Analyses, and Anion-Binding Properties of meso-Aryldipyrrin-5,5'-diylbis(phenol) and -bis(aniline) Ligands. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4759-4766.	2.4	12
29	Fe(TAML)Li/(diacetoxyiodo)benzene-Mediated Oxidation of Alcohols: Evidence for Mild and Selective C-O and C-C Oxidative Cleavage in Lignin Model Transformations. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 781-787.	2.4	36
30	Hydrophobic Bis(trifluoromethylsulfonyl)imide-Based Ionic Liquids Pyrolysis: Through the Window of the Ultrasonic Reactor. <i>ACS Sustainable Chemistry and Engineering</i> , 2013, 1, 137-143.	6.7	22
31	Conformational Plasticity of Hydrogen Bonded Bis-urea Supramolecular Polymers. <i>Journal of Physical Chemistry B</i> , 2013, 117, 5379-5386.	2.6	30
32	Ultrasonic Properties of Hydrophobic Bis(trifluoromethylsulfonyl)imide-Based Ionic Liquids. <i>Journal of Chemical & Engineering Data</i> , 2012, 57, 3385-3390.	1.9	25
33	Chemical Activation of a Mononuclear Non-Porphyrinic Manganese Complex using Water as Oxygen Source for the Oxygen Atom Transfer Reaction. <i>ChemSusChem</i> , 2012, 5, 2147-2150.	6.8	2
34	d-Glucosamine based-phosphine for Suzuki-Miyaura cross-coupling reactions in the supported aqueous phase catalysis system. <i>Tetrahedron Letters</i> , 2012, 53, 5602-5604.	1.4	6
35	Functionalization of BINOL and application in the homo- and heterogeneous enantioselective epoxidation of $\hat{\pm}$, $\hat{1}^2$ -unsaturated ketones. <i>Tetrahedron Letters</i> , 2012, 53, 6335-6338.	1.4	8
36	H ₂ O ₂ /NaHCO ₃ -mediated enantioselective epoxidation of olefins in NTF ₂ -based ionic liquids and under ultrasound. <i>Journal of Catalysis</i> , 2012, 291, 127-132.	6.2	43

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37	Ultrasound and ionic liquid: An efficient combination to tune the mechanism of alkenes epoxidation. <i>Ultrasonics Sonochemistry</i> , 2012, 19, 390-394.	8.2	30
38	Dipyrrinphenolâ€Mn(iii) complex: synthesis, electrochemistry, spectroscopic characterisation and reactivity. <i>Dalton Transactions</i> , 2011, 40, 9090.	3.3	31
39	Investigations providing a plausible mechanism in the hexamethyldisilazane-catalyzed trimerization of alkyl isocyanates. <i>Tetrahedron</i> , 2011, 67, 1506-1510.	1.9	26
40	Recent progress in homogeneous supported asymmetric catalysis: example of the BINAP and the BOX ligands. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1110-1124.	1.8	36
41	Chain stopper engineering for hydrogen bonded supramolecular polymers. <i>Beilstein Journal of Organic Chemistry</i> , 2010, 6, 869-875.	2.2	16
42	Supramolecular Balance: Using Cooperativity To Amplify Weak Interactions. <i>Journal of the American Chemical Society</i> , 2010, 132, 16818-16824.	13.7	53
43	Metal-free electrophilic fluorination of alkyl trifluoroborates and boronic acids. <i>Tetrahedron Letters</i> , 2009, 50, 3936-3938.	1.4	49
44	Ritter-type amidation of alkylboron derivatives with nitriles. <i>Tetrahedron Letters</i> , 2009, 50, 6855-6857.	1.4	30
45	Anions as Efficient Chain Stoppers for Hydrogen-Bonded Supramolecular Polymers. <i>Langmuir</i> , 2009, 25, 8404-8407.	3.5	45
46	The Largest $\langle \sup > 15 \langle /sup \rangle \text{N} \langle \sup > 15 \langle /sup \rangle \text{N}$ Coupling Constant Across an NHN Hydrogen Bond. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 1123-1126.	13.8	31
47	Efficient synthesis and solid state analysis of 3-(1H-pyrrol-2-yl)quinoxalin-2(1H)-one and 2-(1H-pyrrol-2-yl)-1H-benzo[d]imidazole from pyrrolo-2-ylglyoxyl acid. <i>Tetrahedron Letters</i> , 2008, 49, 3749-3751.	1.4	4
48	A Chiroptical Study of Chiral $\hat{\nu}$ - and X-Type Oligothiophenes Toward Modelling the Interchain Interactions of Chiral Conjugated Polymers. <i>Chemistry of Materials</i> , 2008, 20, 2133-2143.	6.7	27
49	Engineering Tuneable Light-Harvesting Systems with Oligothiophene Donors and Mono- or Bis-Bodipy Acceptors. <i>Journal of Organic Chemistry</i> , 2008, 73, 1563-1566.	3.2	55
50	$\hat{\nu}$ -Type Regioregular Oligothiophenes: A Synthesis and Second-Order NLO Properties. <i>Journal of Organic Chemistry</i> , 2007, 72, 5855-5858.	3.2	39
51	Unprecedented Formation of a Rhodium Cluster Triggered by Rhodium-Fastened N-Confused Gable Porphyrin. <i>Inorganic Chemistry</i> , 2006, 45, 10428-10430.	4.0	27
52	Rhodium N-confused porphyrin-catalyzed alkene cyclopropanation. <i>Chemical Communications</i> , 2006, , 4335.	4.1	46
53	Facile Preparation of Doubly Dipyrrylquinoxaline-Bridged Expanded Porphyrins. Synthesis and Structural Characterization of an Unprecedented [20]Tetraphyrin-(2.1.2.1). <i>Organic Letters</i> , 2006, 8, 2345-2348.	4.6	21
54	Facile Preparation of Doubly Dipyrrylquinoxaline-Bridged Expanded Porphyrins. Synthesis and Structural Characterization of an Unprecedented [20]Tetraphyrin-(2.1.2.1). <i>Organic Letters</i> , 2006, 8, 4983-4983.	4.6	0

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55	Improved synthesis of 2,2-dimethoxy-1,1-bis(4-methoxyphenyl)-3,3-diacetic acid derivatives. <i>Tetrahedron Letters</i> , 2005, 46, 1103-1105.	1.4	10
56	Enantioselective epoxidation of olefins with chiral metalloporphyrin catalysts. <i>Chemical Society Reviews</i> , 2005, 34, 573.	38.1	215
57	Conformational Transitions of Calixphyrin Derivatives Monitored by Temperature-Dependent NMR Spectroscopy. Ab Initio Interpretation of the Spectra. <i>Journal of Physical Chemistry A</i> , 2005, 109, 5518-5526.	2.5	15
58	A Unique Binaphthyl Strapped Iron(II) Porphyrin Catalyst for the Enantioselective Epoxidation of Terminal Olefins. <i>Chemistry - A European Journal</i> , 2004, 10, 224-230.	3.3	85
59	Synthesis of functionalized dipyrrolyldiketones, precursors of quinoxaline-containing macrocycles. <i>Tetrahedron Letters</i> , 2004, 45, 7363-7365.	1.4	9
60	Bimetallic Pd/Cr and Pd/Mn activation of carbon-halide bonds in organochromium and organomanganese complexes. <i>Tetrahedron</i> , 2004, 60, 3325-3347.	1.9	57
61	Synthesis of Functional meso-Aryl Porphomonomethenes and Porphodimethenes: Application to the Preparation of a Chiral Calix[4]phyrin Dimer. <i>Journal of Organic Chemistry</i> , 2004, 69, 8140-8143.	3.2	38
62	Oligothiophene-substituted arenetricarbonylchromium complexes. <i>Comptes Rendus Chimie</i> , 2003, 6, 223-230.	0.5	2
63	Asymmetric Cyclopropanation of Styrene Catalyzed by Chiral Macrocyclic Iron(II) Complexes. <i>Organometallics</i> , 2002, 21, 4490-4495.	2.3	75
64	Palladium-catalysed reactions of aryl halides with soft, non-organometallic nucleophiles. <i>Tetrahedron</i> , 2002, 58, 2041-2075.	1.9	369
65	Rational synthesis of regioregular oligothiophenes via palladium catalyzed coupling reactions. <i>Tetrahedron Letters</i> , 2002, 43, 6541-6544.	1.4	14
66	Dipyrrolylquinoxalines: Efficient Sensors for Fluoride Anion in Organic Solution. <i>Journal of the American Chemical Society</i> , 1999, 121, 10438-10439.	13.7	381
67	Cyclam-strapped porphyrins and their iron(III)-copper(II) complexes as models for the resting state of cytochrome c oxidase. <i>New Journal of Chemistry</i> , 1999, 23, 1143-1150.	2.8	24