Bruno Andrioletti

List of Publications by Year
in descending order

67	2,829	172457	175258
papers	citations	29 h-index	52 g-index

68	68	68	3671
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dipyrrolylquinoxalines:Â Efficient Sensors for Fluoride Anion in Organic Solution. Journal of the American Chemical Society, 1999, 121, 10438-10439.	13.7	381
2	Palladium-catalysed reactions of aryl halides with soft, non-organometallic nucleophiles. Tetrahedron, 2002, 58, 2041-2075.	1.9	369
3	Enantioselective epoxidation of olefins with chiral metalloporphyrin catalysts. Chemical Society Reviews, 2005, 34, 573.	38.1	215
4	A study of cyclic carbonate aminolysis at room temperature: effect of cyclic carbonate structures and solvents on polyhydroxyurethane synthesis. Polymer Chemistry, 2017, 8, 592-604.	3.9	112
5	A Unique Binaphthyl Strapped Ironâ€“Porphyrin Catalyst for the Enantioselective Epoxidation of Terminal Olefins. Chemistry - A European Journal, 2004, 10, 224-230.	3.3	85
6	Recent advances in the synthesis of [a]-benzo-fused BODIPY fluorophores. Chemical Communications, 2018, 54, 12914-12929.	4.1	79
7	Asymmetric Cyclopropanation of Styrene Catalyzed by Chiral Macrocyclic Iron(II) Complexes. Organometallics, 2002, 21, 4490-4495.	2.3	75
8	Ureaâ€•and Thioureaâ€Catalyzed Aminolysis of Carbonates. ChemSusChem, 2016, 9, 2269-2272.	6.8	69
9	Bimetallic Pd/Cr and Pd/Mn activation of carbonâ€“halide bonds in organochromium and organomanganese complexes. Tetrahedron, 2004, 60, 3325-3347.	1.9	57
10	Viticultural wood waste as a source of polyphenols of interest: Opportunities and perspectives through conventional and emerging extraction methods. Waste Management, 2020, 102, 782-794.	7.4	56
11	Engineering Tuneable Light-Harvesting Systems with Oligothiophene Donors and Mono- or Bis-Bodipy Acceptors. Journal of Organic Chemistry, 2008, 73, 1563-1566.	3.2	55
12	Supramolecular Balance: Using Cooperativity To Amplify Weak Interactions. Journal of the American Chemical Society, 2010, 132, 16818-16824.	13.7	53
13	Acidic Hydrothermal Dehydration of <scp>d</scp>-Glucose into Humins: Identification and Characterization of Intermediates. ACS Sustainable Chemistry and Engineering, 2018, 6, 13487-13493.	6.7	53
14	Metal-free electrophilic fluorination of alkyl trifluoroborates and boronic acids. Tetrahedron Letters, 2009, 50, 3936-3938.	1.4	49
15	Hydrogen bonds prevent obtaining high molar mass <scp>PHU</scp>s. Journal of Applied Polymer Science, 2017, 134, 44958.	2.6	47
16	Rhodium N-confused porphyrin-catalyzed alkene cyclopropanation. Chemical Communications, 2006, , 4335.	4.1	46
17	Selective and Catalyst-free Oxidation of D-Glucose to D-Glucuronic acid induced by High-Frequency Ultrasound. Scientific Reports, 2017, 7, 40650.	3.3	46
18	Anions as Efficient Chain Stoppers for Hydrogen-Bonded Supramolecular Polymers. Langmuir, 2009, 25, 8404-8407.	3.5	45

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19	H2O2/NaHCO3-mediated enantioselective epoxidation of olefins in NTf2-based ionic liquids and under ultrasound. Journal of Catalysis, 2012, 291, 127-132.	6.2	43
20	Î›-Type Regioregular Oligothiophenes:Â Synthesis and Second-Order NLO Properties. Journal of Organic Chemistry, 2007, 72, 5855-5858.	3.2	39
21	Synthesis of Functionalmeso-Aryl Porphomonomethenes and Porphodimethenes:Â Application to the Preparation of a Chiral Calix[4]phyrin Dimer. Journal of Organic Chemistry, 2004, 69, 8140-8143.	3.2	38
22	Recent progress in homogeneous supported asymmetric catalysis: example of the BINAP and the BOX ligands. Tetrahedron: Asymmetry, 2010, 21, 1110-1124.	1.8	36
23	Efficient and Selective Oxidation of <scp>D</scp>â€Glucose into Gluconic acid under Lowâ€Frequency Ultrasonic Irradiation. ChemCatChem, 2014, 6, 3355-3359.	3.7	36
24	Fe(TAML)Li/(diacetoxyiodo)benzeneâ€Mediated Oxidation of Alcohols: Evidence for Mild and Selective Câ€“O and Câ€“C Oxidative Cleavage in Lignin Model Transformations. European Journal of Organic Chemistry, 2014, 2014, 781-787.	2.4	36
25	Green, selective and swift oxidation of cyclic alcohols to corresponding ketones. Applied Catalysis A: General, 2014, 478, 157-164.	4.3	35
26	Fe(TAML)Li/tert-butyl hydroperoxide as a new combination for benzylic Câ€“H oxidation. Tetrahedron Letters, 2015, 56, 2517-2520.	1.4	34
27	The Largest ¹⁵Nâ€“¹⁵N Coupling Constant Across an NHN Hydrogen Bond. Angewandte Chemie - International Edition, 2008, 47, 1123-1126.	13.8	31
28	Dipyrrinphenolâ€“Mn(iii) complex: synthesis, electrochemistry, spectroscopic characterisation and reactivity. Dalton Transactions, 2011, 40, 9090.	3.3	31
29	Ritter-type amidation of alkylboron derivatives with nitriles. Tetrahedron Letters, 2009, 50, 6855-6857.	1.4	30
30	Ultrasound and ionic liquid: An efficient combination to tune the mechanism of alkenes epoxidation. Ultrasonics Sonochemistry, 2012, 19, 390-394.	8.2	30
31	Conformational Plasticity of Hydrogen Bonded Bis-urea Supramolecular Polymers. Journal of Physical Chemistry B, 2013, 117, 5379-5386.	2.6	30
32	Sonochemistry. , 2017, , .		28
33	Unprecedented Formation of a Rhodium Cluster Triggered by Rhodium-Fastened N-Confused Gable Porphyrin. Inorganic Chemistry, 2006, 45, 10428-10430.	4.0	27
34	A Chiroptical Study of Chiral Î›- and X- Type Oligothiophenes Toward Modelling the Interchain Interactions of Chiral Conjugated Polymers. Chemistry of Materials, 2008, 20, 2133-2143.	6.7	27
35	H₂O₂-Mediated Kraft Lignin Oxidation with Readily Available Metal Salts: What about the Effect of Ultrasound?. Industrial & Engineering Chemistry Research, 2015, 54, 6046-6051.	3.7	27
36	Investigations providing a plausible mechanism in the hexamethyldisilazane-catalyzed trimerization of alkyl isocyanates. Tetrahedron, 2011, 67, 1506-1510.	1.9	26

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37	Experimental and Theoretical Investigations of the Stereoselective Synthesis of P-Stereogenic Phosphine Oxides. Chemistry - A European Journal, 2015, 21, 9057-9061.	3.3	26
38	Ultrasonic Properties of Hydrophobic Bis(trifluoromethylsulfonyl)imide-Based Ionic Liquids. Journal of Chemical & Engineering Data, 2012, 57, 3385-3390.	1.9	25
39	Cyclam-strapped porphyrins and their iron(III)â€“copper(II) complexes as models for the resting state of cytochrome c oxidase. New Journal of Chemistry, 1999, 23, 1143-1150.	2.8	24
40	Recent trends in the development of sustainable catalytic systems for the oxidative cleavage of cycloalkenes by hydrogen peroxide. Catalysis Science and Technology, 2019, 9, 5256-5278.	4.1	24
41	Hydrophobic Bis(trifluoromethylsulfonyl)imide-Based Ionic Liquids Pyrolysis: Through the Window of the Ultrasonic Reactor. ACS Sustainable Chemistry and Engineering, 2013, 1, 137-143.	6.7	22
42	Facile Preparation of Doubly Dipyrrolylquinoxaline-Bridged Expanded Porphyrins. Synthesis and Structural Characterization of an Unprecedented [20]Tetraphyrin-(2.1.2.1). Organic Letters, 2006, 8, 2345-2348.	4.6	21
43	Straightforward and Sustainable Synthesis of Sulfonamides in Water under Mild Conditions. European Journal of Organic Chemistry, 2018, 2018, 5016-5022.	2.4	21
44	Synthesis of P-stereogenic secondary phosphine oxides using Î±-d-glucosamine as a chiral precursor. Tetrahedron Letters, 2016, 57, 543-545.	1.4	18
45	Chain stopper engineering for hydrogen bonded supramolecular polymers. Beilstein Journal of Organic Chemistry, 2010, 6, 869-875.	2.2	16
46	Conformational Transitions of Calixphyrin Derivatives Monitored by Temperature-Dependent NMR Spectroscopy. Ab Initio Interpretation of the Spectra. Journal of Physical Chemistry A, 2005, 109, 5518-5526.	2.5	15
47	Rational synthesis of regioregular oligothiophenes via palladium catalyzed coupling reactions. Tetrahedron Letters, 2002, 43, 6541-6544.	1.4	14
48	Synthesis of Aminotelechelic Prepolymers to Circumvent the Carbonation of Amines in Epoxy Coatings. Macromolecular Materials and Engineering, 2016, 301, 682-693.	3.6	14
49	Efficient Oxidation of Benzylic and Aliphatic Alcohols Using a Bioinspired Cross-Bridged Cyclam Manganese Complex with H2 O2. European Journal of Organic Chemistry, 2019, 2019, 323-327.	2.4	14
50	Synthesis, Solid-State Analyses, and Anion-Binding Properties ofmeso-Aryldipyrrin-5,5â€²-diylbis(phenol) and -bis(aniline) Ligands. European Journal of Organic Chemistry, 2014, 2014, 4759-4766.	2.4	12
51	High frequency ultrasound as a tool for elucidating mechanistic elements of cis-cyclooctene epoxidation with aqueous hydrogen peroxide. Ultrasonics Sonochemistry, 2019, 53, 120-125.	8.2	11
52	Improved synthesis of 2,2â€²-dimethoxy-1,1â€²-binaphthyl-3,3â€²-diacetic acid derivatives. Tetrahedron Letters, 2005, 46, 1103-1105.	1.4	10
53	Bis-triazolyl BODIPYs: a simple dye with strong red-light emission. RSC Advances, 2015, 5, 76342-76345.	3.6	10
54	Synthesis of functionalized dipyrrolyldiketones, precursors of quinoxaline-containing macrocycles. Tetrahedron Letters, 2004, 45, 7363-7365.	1.4	9

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55	Functionalization of BINOL and application in the homo- and heterogeneous enantioselective epoxidation of Î±,Î²-unsaturated ketones. Tetrahedron Letters, 2012, 53, 6335-6338.	1.4	8
56	d-Glucosamine based-phosphine for Suzuki-Miyaura cross-coupling reactions in the supported aqueous phase catalysis system. Tetrahedron Letters, 2012, 53, 5602-5604.	1.4	6
57	Novel hybrid materials on the basis of nanostructured tin dioxide and a lipase from Rhizopus delemar with improved enantioselectivity. Journal of Molecular Catalysis B: Enzymatic, 2014, 102, 72-80.	1.8	6
58	Oxidative cleavage of cycloalkenes using hydrogen peroxide and a tungsten-based catalyst: towards a complete mechanistic investigation. New Journal of Chemistry, 2021, 45, 235-242.	2.8	5
59	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. Tetrahedron Letters, 2008, 49, 3749-3751.	1.4	4
60	Dipyrromeheneâ€Triazolylidene Silver Complexes: Synthesis, Structure and Opportunities. European Journal of Inorganic Chemistry, 2020, 2020, 4409-4414.	2.0	4
61	Influence of the ammonium salts used in the BrÃ¸nsted acid catalyzed hydrothermal decomposition of d-glucose towards 5-HMF. New Journal of Chemistry, 2020, 44, 4171-4176.	2.8	4
62	Advances in value-added aromatics by oxidation of lignin with transition metal complexes. Transition Metal Chemistry, 2022, 47, 189-211.	1.4	4
63	Oligothiophene-substituted arenetricarbonylchromium complexes. Comptes Rendus Chimie, 2003, 6, 223-230.	0.5	2
64	Chemical Activation of a Mononuclear Nonâ€Porphyrinic Manganese Complex using Water as Oxygen Source for the Oxygen Atom Transfer Reaction. ChemSusChem, 2012, 5, 2147-2150.	6.8	2
65	Strong Affinity of Triazolium-Appended Dipyrromethenes (TADs) for BF4â^'. Molecules, 2020, 25, 4555.	3.8	2
66	Facile Preparation of Doubly Dipyrrolylquinoxaline-Bridged Expanded Porphyrins. Synthesis and Structural Characterization of an Unprecedented [20]Tetraphyrin-(2.1.2.1). Organic Letters, 2006, 8, 4983-4983.	4.6	0
67	Choline Chloride/Urea Deep Eutectic Solvents: A Promising Reaction Medium for the Synthesis of Bio-Based Poly(hydroxyurethane)s. Molecules, 2022, 27, 4131.	3.8	0