

Alessandro Massi

List of Publications by Year in descending order

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116
papers

5,633
citations

109321

35
h-index

82547

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143
all docs

143
docs citations

143
times ranked

5277
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric Organocatalysis: From Infancy to Adolescence. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4638-4660.	13.8	1,172
2	Recent applications in chiral high performance liquid chromatography: A review. <i>Analytica Chimica Acta</i> , 2011, 706, 205-222.	5.4	227
3	Design and Synthesis of New Classes of Heterocyclic C-Glycoconjugates and Carbon-Linked Sugar and Heterocyclic Amino Acids by Asymmetric Multicomponent Reactions (AMCRs). <i>Accounts of Chemical Research</i> , 2006, 39, 451-463.	15.6	224
4	Parallel synthesis of dihydropyrimidinones using Yb(III)-resin and polymer-supported scavengers under solvent-free conditions. A green chemistry approach to the Biginelli reaction. <i>Tetrahedron Letters</i> , 2001, 42, 7975-7978.	1.4	162
5	Research Progress in the Modification of Quercetin Leading to Anticancer Agents. <i>Molecules</i> , 2017, 22, 1270.	3.8	157
6	Assembling Heterocycle-Tethered C-Glycosyl and α -Amino Acid Residues via 1,3-Dipolar Cycloaddition Reactions. <i>Organic Letters</i> , 2004, 6, 2929-2932.	4.6	128
7	A New Ligation Strategy for Peptide and Protein Glycosylation: Photoinduced Thiol-Yne Coupling. <i>Chemistry - A European Journal</i> , 2009, 15, 11444-11449.	3.3	126
8	Multicomponent Hantzsch cyclocondensation as a route to highly functionalized 2- and 4-dihydropyridylalanines, 2- and 4-pyridylalanines, and their N-oxides: preparation via a polymer-assisted solution-phase approach. <i>Tetrahedron</i> , 2004, 60, 2311-2326.	1.9	125
9	Thiol-Yne coupling: revisiting old concepts as a breakthrough for up-to-date applications. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 3791.	2.8	120
10	Three-Component Biginelli Cyclocondensation Reaction Using C-Glycosylated Substrates. Preparation of a Collection of Dihydropyrimidinone Glycoconjugates and the Synthesis of C-Glycosylated Monastrol Analogues. <i>Journal of Organic Chemistry</i> , 2002, 67, 6979-6994.	3.2	116
11	Model Studies toward the Synthesis of Dihydropyrimidinyl and Pyridyl α -Amino Acids via Three-Component Biginelli and Hantzsch Cyclocondensations. <i>Journal of Organic Chemistry</i> , 2003, 68, 6172-6183.	3.2	113
12	Efficiency in Isotretinone Acid Synthesis via a Diamine-Acid Couple Catalyzed Ethyl Pyruvate Homaldol Reaction. <i>Organic Letters</i> , 2005, 7, 4657-4660.	4.6	93
13	Improved synthesis and preparative scale resolution of racemic monastrol. <i>Tetrahedron Letters</i> , 2002, 43, 5913-5916.	1.4	79
14	Solid-supported reagents for multi-step organic synthesis: preparation and application. <i>Il Farmaco</i> , 2002, 57, 321-330.	0.9	68
15	An Insight into the Radical Thiol/Yne Coupling: The Emergence of Arylalkyne-Tagged Sugars for the Direct Photoinduced Glycosylation of Cysteine-Containing Peptides. <i>Journal of Organic Chemistry</i> , 2011, 76, 450-459.	3.2	68
16	Silica-supported 5-(pyrrolidin-2-yl)tetrazole: development of organocatalytic processes from batch to continuous-flow conditions. <i>Green Chemistry</i> , 2012, 14, 992.	9.0	68
17	Toward the optimization of continuous-flow aldol and α -amination reactions by means of proline-functionalized silicon packed-bed microreactors. <i>Tetrahedron Letters</i> , 2011, 52, 619-622.	1.4	66
18	Design and Use of an Oxazolidine Silyl Enol Ether as a New Homoalanine Carbanion Equivalent for the Synthesis of Carbon-Linked Isosteres of O-Glycosyl Serine and N-Glycosyl Asparagine. <i>Journal of Organic Chemistry</i> , 1999, 64, 933-944.	3.2	62

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19	Recent advances in continuous-flow organocatalysis for process intensification. <i>Reaction Chemistry and Engineering</i> , 2020, 5, 1017-1052.	3.7	62
20	Model Studies Toward the Synthesis of Thymidine Oligonucleotides with Triazole Internucleosidic Linkages <i>via</i> Iterative Cu(I)-Promoted Azide-Alkyne Ligation Chemistry. <i>QSAR and Combinatorial Science</i> , 2007, 26, 1191-1199.	1.4	56
21	Click Azide-Nitrile Cycloaddition as a New Ligation Tool for the Synthesis of Tetrazole-Tethered C-Glycosyl β -Amino Acids. <i>Journal of Organic Chemistry</i> , 2008, 73, 9565-9575.	3.2	50
22	Aerobic oxidation of 5-hydroxymethylfurfural to 5-hydroxymethyl-2-furancarboxylic acid and its derivatives by heterogeneous NHC-catalysis. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 8955-8964.	2.8	50
23	Immobilization of Privileged Triazolium Carbene Catalyst for Batch and Flow Stereoselective Umpolung Processes. <i>ACS Catalysis</i> , 2017, 7, 6365-6375.	11.2	48
24	A New Phase-Switch Method for Application in Organic Synthesis Programs Employing Immobilization through Metal-Chelated Tagging. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 1053-1055.	13.8	45
25	Multiple Component Approaches to C-Glycosyl β -Amino Acids by Complementary One-Pot Mannich-Type and Reformatsky-Type Reactions. <i>Chemistry - A European Journal</i> , 2005, 11, 7110-7125.	3.3	44
26	Carbohydrate Homologation by the Use of 2-(Trimethylsilyl)thiazole. Preparative Scale Synthesis of Rare Sugars: β -D-Glucose, β -D-Fucose, and the Disaccharide Subunit of Bleomycin A2. <i>Journal of Organic Chemistry</i> , 1997, 62, 6261-6267.	3.2	43
27	Microwave-Assisted Organocatalytic Anomerization of β -C-Glycosylmethyl Aldehydes and Ketones. <i>Journal of Organic Chemistry</i> , 2007, 72, 10279-10282.	3.2	43
28	Dissolution of Metal Salts in Bis(trifluoromethylsulfonyl)imide-Based Ionic Liquids: Studying the Affinity of Metal Cations Toward a "Weakly Coordinating" Anion. <i>Journal of Physical Chemistry A</i> , 2015, 119, 5078-5087.	2.5	40
29	Enantioselective Dearomatization of Alkylpyridiniums by <i>N</i> -Heterocyclic Carbene-Catalyzed Nucleophilic Acylation. <i>Journal of Organic Chemistry</i> , 2018, 83, 2050-2057.	3.2	40
30	An insight into the mechanism of the aerobic oxidation of aldehydes catalyzed by <i>N</i> -heterocyclic carbenes. <i>Chemical Communications</i> , 2014, 50, 2008-2011.	4.1	39
31	Stereoselective synthesis of the C-linked analogue of β -D-galactopyranosyl-L-serine. <i>Tetrahedron</i> , 1998, 54, 2827-2832.	1.9	38
32	Formation, Oxidation, and Fate of the Breslow Intermediate in the <i>N</i> -Heterocyclic Carbene-Catalyzed Aerobic Oxidation of Aldehydes. <i>Journal of Organic Chemistry</i> , 2017, 82, 302-312.	3.2	38
33	Hantzsch-Type Three-Component Approach to a New Family of Carbon-Linked Glycosyl Amino Acids. Synthesis of C-Glycosylmethyl Pyridylalanines. <i>Journal of Organic Chemistry</i> , 2007, 72, 7677-7687.	3.2	37
34	Dihydropyridine C-glycoconjugates by organocatalytic Hantzsch cyclocondensation. Stereoselective synthesis of β -D-threofuranose C-nucleoside enantiomers. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 1980.	2.8	37
35	Dihydropyridine C-Glycoconjugates by Hantzsch Cyclocondensation. Synthesis of a C(6)-Glycosylated Nifedipine Analogue. <i>Helvetica Chimica Acta</i> , 2002, 85, 3331-3348.	1.6	36
36	Supported Gold Nanoparticles for Alcohols Oxidation in Continuous-Flow Heterogeneous Systems. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 4746-4756.	6.7	35

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37	Kinetic Resolution, Dynamic Kinetic Resolution and Asymmetric Desymmetrization by N-Heterocyclic Carbene Catalysis. <i>Synthesis</i> , 2019, 51, 1871-1891.	2.3	35
38	Towards the synthesis of C-glycosylated dihydropyrimidine libraries via the three-component Biginelli reaction. A novel approach to artificial nucleosides. <i>Tetrahedron Letters</i> , 2001, 42, 4495-4497.	1.4	34
39	$\hat{1}\pm$ -Diketones as acyl anion equivalents: a non-enzymatic thiamine-promoted route to aldehyde $\hat{1}$ ketone coupling in PEG400 as recyclable medium. <i>Tetrahedron</i> , 2011, 67, 8110-8115.	1.9	34
40	General Synthesis of <i>C</i> -Glycosyl Amino Acids via Proline-Catalyzed Direct Electrophilic $\hat{1}\pm$ -Amination of <i>C</i> -Glycosylalkyl Aldehydes. <i>Organic Letters</i> , 2008, 10, 4485-4488.	4.6	33
41	Thiazolium-functionalized polystyrene monolithic microreactors for continuous-flow umpolung catalysis. <i>Green Chemistry</i> , 2013, 15, 2981.	9.0	33
42	Circular dichroism and UV-Vis absorption spectroscopic monitoring of production of chiral silver nanoparticles templated by guanosine 5 $\hat{1}$ -monophosphate. <i>Analyst</i> , 2011, 136, 3713.	3.5	31
43	A Combined Kinetic and Thermodynamic Approach for the Interpretation of Continuous-Flow Heterogeneous Catalytic Processes. <i>Chemistry - A European Journal</i> , 2013, 19, 7802-7808.	3.3	31
44	Fabrication of Lignocellulose-Based Microreactors: Copper-Functionalized Bamboo for Continuous-Flow CuAAC Click Reactions. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 3267-3273.	6.7	31
45	Selectivity in the SmI $\hat{2}$ -induced deoxygenation of thiazolylketoses for formyl C-glycoside synthesis and revised structure of C-ribofuranosides. <i>Tetrahedron</i> , 2001, 57, 7719-7727.	1.9	30
46	Decoration of dihydropyrimidine and dihydropyridine scaffolds with sugars via Biginelli and Hantzsch multicomponent reactions: An efficient entry to a collection of artificial nucleosides. <i>Molecular Diversity</i> , 2000, 6, 261-270.	3.9	29
47	Enzymatic diastereo- and enantioselective synthesis of $\hat{1}\pm$ -alkyl- $\hat{1}\pm$, $\hat{1}\hat{2}$ -dihydroxyketones. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 8038.	2.8	29
48	Thiamine $\hat{1}$ Diphosphate $\hat{1}$ Dependent Enzymes as Catalytic Tools for the Asymmetric Benzoin $\hat{1}$ Type Reaction. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4441-4459.	2.4	29
49	Polymer Supported Reagents in Synthesis: $\hat{1}$ Preparation of Bicyclo[2.2.2]octane Derivatives via Tandem Michael Addition Reactions and Subsequent Combinatorial Decoration. <i>ACS Combinatorial Science</i> , 2000, 2, 104-107.	3.3	28
50	Expeditious Synthesis of $\hat{1}\hat{2}$ -Linked Glycosyl Serine Methylene Isosteres ($\hat{1}\hat{2}$ -C-Gly Ser) via Ethynylation of Sugar Lactones. <i>Synthesis</i> , 2001, 2001, 2129-2137.	2.3	27
51	One-Pot, Four-Step Organocatalytic Asymmetric Synthesis of Functionalized Nitrocyclopropanes. <i>Journal of Organic Chemistry</i> , 2015, 80, 9176-9184.	3.2	25
52	Three-Component Staudinger-Type Stereoselective Synthesis of C-Glycosyl- $\hat{1}\hat{2}$ -lactams and their Use as Precursors for C-Glycosyl Isoleucines and Dipeptides. A Polymer-Assisted Solution-Phase Approach. <i>Advanced Synthesis and Catalysis</i> , 2004, 346, 1355-1360.	4.3	24
53	Thiazolium-catalyzed intermolecular Stetter reaction of linear and cyclic alkyl $\hat{1}\pm$ -diketones. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 8437.	2.8	24
54	Methylsulfinyl (Dimsyl) Anion as Umpolung Catalyst for the Chemoselective Cross $\hat{1}$ Benzoin Reaction of $\hat{1}\pm$ $\hat{1}$ Diketones with Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 3244-3252.	4.3	24

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55	An Integrated Lab-on-a-Chip Approach to Study Heterogeneous Enantioselective Catalysts at the Microscale. <i>ChemCatChem</i> , 2018, 10, 5382-5385.	3.7	24
56	Synthesis of ethylene isosteres of $\hat{1}^2$ -d-galactosyl- and $\hat{1}^2$ -d-glucosyl-l-asparagine. <i>Tetrahedron Letters</i> , 1998, 39, 6601-6604.	1.4	22
57	Oxidative Coupling of Aldehydes with Alcohol for the Synthesis of Esters Promoted by Polystyrene-Supported N-Heterocyclic Carbene: Unraveling the Solvent Effect on the Catalyst Behavior Using NMR Relaxation. <i>Organic Letters</i> , 2020, 22, 4927-4931.	4.6	22
58	Synthesis of methylene isosteres of $\hat{1}^{\pm}$ - and $\hat{1}^2$ -d-galactopyranosyl-l-serine. <i>Chemical Communications</i> , 1998, 1741-1742.	4.1	21
59	Hybrid Solution/Solid-Phase Synthesis of Oligosaccharides by Using Trichloroacetyl Isocyanate as Sequestration-Enabling Reagent of Sugar Alcohols. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1672-1676.	13.8	21
60	Adsorption Equilibria of Benzodiazepines on a Hybrid Polymeric Chiral Stationary Phase. <i>Analytical Chemistry</i> , 2005, 77, 3113-3122.	6.5	21
61	Expanding the scope of enzymatic carbonylation reactions in flow-mode: production of optically active tertiary alcohols with packed-bed micro-bioreactors. <i>Green Chemistry</i> , 2014, 16, 3904-3915.	9.0	21
62	Nucleophilic and Electrophilic Double Arylation of Chalcones with Benzils Promoted by the Dimsyl Anion as a Route to All Carbon Tetrasubstituted Olefins. <i>Journal of Organic Chemistry</i> , 2015, 80, 1937-1945.	3.2	21
63	Enzymatic Chemoselective Aldehyde-Ketone Cross-Couplings through the Polarity Reversal of Methylacetoin. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7171-7175.	13.8	21
64	Synthesis of C-glycosyl $\hat{1}^2$ -amino acids by asymmetric Mannich-type three-component reactions. <i>Tetrahedron Letters</i> , 2004, 45, 2381-2384.	1.4	20
65	Production of carbohydrate building blocks from red seaweed polysaccharides. Efficient conversion of galactans into C-glycosyl aldehydes. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 576-588.	2.8	20
66	Esterification of glycerol and solketal by oxidative NHC-catalysis under heterogeneous batch and flow conditions. <i>Reaction Chemistry and Engineering</i> , 2018, 3, 816-825.	3.7	20
67	Synthesis of thiourea-tethered C-glycosyl amino acids via isothiocyanate-amine coupling. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3319.	2.8	19
68	Cross-benzoin and Stetter-type reactions mediated by KOtBu-DMF via an electron-transfer process. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 9823-9835.	2.8	19
69	Combined Application of Analytical Techniques for the Characterization of Polymer Supported Species. <i>ACS Combinatorial Science</i> , 2000, 2, 491-495.	3.3	18
70	PEGylated N-methyl-S-methyl dithiocarbamate as a new reagent for the high-yield preparation of nitrido Tc-99m and Re-188 radiopharmaceuticals. <i>Nuclear Medicine and Biology</i> , 2010, 37, 927-934.	0.6	18
71	Unexpected reactivity of diaryl $\hat{1}^{\pm}$ -diketones with thiazolium carbenes: discovery of a novel multicomponent reaction for the facile synthesis of 1,4-thiazin-3-ones. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 6579.	2.8	18
72	A monolithic 5-(pyrrolidin-2-yl)tetrazole flow microreactor for the asymmetric aldol reaction in water-ethanol solvent. <i>Reaction Chemistry and Engineering</i> , 2016, 1, 183-193.	3.7	18

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73	Oxidative NHC-Catalysis as Organocatalytic Platform for the Synthesis of Polyester Oligomers by Step-Growth Polymerization. <i>Chemistry - A European Journal</i> , 2019, 25, 14701-14710.	3.3	17
74	Continuous ion-exchange resin catalysed esterification of eugenol for the optimized production of eugenyl acetate using a packed bed microreactor. <i>RSC Advances</i> , 2015, 5, 76898-76903.	3.6	16
75	TPPS supported on core-shell PMMA nanoparticles: the development of continuous-flow membrane-mediated electrocoagulation as a photocatalyst processing method in aqueous media. <i>Green Chemistry</i> , 2015, 17, 1907-1917.	9.0	15
76	New insights into perfluorinated adsorbents for analytical and bioanalytical applications. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 17-21.	3.7	15
77	Enantioselective Desymmetrization of 1,4-Dihydropyridines by Oxidative NHC Catalysis. <i>Chemistry - A European Journal</i> , 2019, 25, 7469-7474.	3.3	15
78	Parallel solution-phase syntheses of functionalised bicyclo[2.2.2]octanes: generation of a library using orchestrated multi-step sequences of polymer-supported reagents and sequesterants. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 3645-3654.	1.3	14
79	Two- and Three-Component Hantzsch Reaction Using C-Glycosylated Reagents. Approach to the Asymmetric Synthesis of 1,4-Dihydropyridines. <i>Synlett</i> , 2002, 2002, 0089-0092.	1.8	14
80	Continuous production of eugenol esters using enzymatic packed-bed microreactors and an evaluation of the products as antifungal agents. <i>Flavour and Fragrance Journal</i> , 2019, 34, 201-210.	2.6	14
81	Exploring Oxidative NHC-Catalysis as Organocatalytic Polymerization Strategy towards Polyamide Oligomers. <i>Chemistry - A European Journal</i> , 2021, 27, 1839-1848.	3.3	14
82	Regiodivergent Isosorbide Acylation by Oxidative N-Heterocyclic Carbene Catalysis in Batch and Continuous Flow. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 8295-8305.	6.7	13
83	A Facile and General Entry to C-Glycosyl (R)- and (S)- β -Amino Acid Pairs from Glycosyl Cyanides through Enamino Ester Intermediates. <i>Synlett</i> , 2006, 2006, 0539-0542.	1.8	12
84	Revealing the Fine Details of Functionalized Silica Surfaces by Solid-State NMR and Adsorption Isotherm Measurements: The Case of Fluorinated Stationary Phases for Liquid Chromatography. <i>Chemistry - A European Journal</i> , 2014, 20, 8138-8148.	3.3	12
85	Chemical characterisation, antioxidant and antimicrobial screening for the revaluation of wine supply chain by-products oriented to circular economy. <i>Plant Biosystems</i> , 2019, 153, 809-816.	1.6	12
86	Enzymatic synthesis of biobased aliphatic-aromatic oligoesters using 5,5-bis(hydroxymethyl)furoin as a building block. <i>RSC Advances</i> , 2019, 9, 29044-29050.	3.6	11
87	Overcoming mass and photon transfer limitations in a scalable reactor: Oxidation in an aerosol photoreactor. <i>Chemical Engineering Journal</i> , 2021, 408, 127357.	12.7	11
88	A Serendipitous Discovery of a New C-Furanosyl Glycine Synthesis via Thiazole-Based Aminohomologation of Hexopyranoses. <i>Synlett</i> , 2007, 2007, 0303-0307.	1.8	10
89	Combining Synthetic and Analytical Strategies for Preparative HPLC Enantioseparation of Monastrol Racemic Mixture. <i>Biotechnology Progress</i> , 2008, 20, 603-612.	2.6	10
90	Enzymatic Chemoselective Aldehyde-Ketone Cross-Couplings through the Polarity Reversal of Methylacetoin. <i>Angewandte Chemie</i> , 2015, 127, 7277-7281.	2.0	10

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91	Prototyping of meso- and microfluidic devices with embedded TiO ₂ photocatalyst for photodegradation of an organic dye. <i>Journal of Flow Chemistry</i> , 2016, 6, 101-109.	1.9	10
92	Fluorous-tag assisted synthesis of bile acid-bisphosphonate conjugates via orthogonal click reactions: an access to potential anti-resorption bone drugs. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4907-4920.	2.8	10
93	Organocatalytic synthesis of poly(hydroxymethylfuroate) <i>via</i> ring-opening polymerization of 5-hydroxymethylfurfural-based cyclic oligoesters. <i>Polymer Chemistry</i> , 2022, 13, 1350-1358.	3.9	10
94	Enantioselectivity in Phenylacetyl Carbinol Synthesis Using the Wild-Type Enzyme Acetoin:Dichlorophenolindophenol Oxidoreductase from <i>Bacillus licheniformis</i> . <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2767-2776.	4.3	9
95	Synthesis of functionalized imidazolidine-2-thiones via NHC/base-promoted aza-benzoin/aza-acetalization domino reactions. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 8788-8801.	2.8	9
96	Enantioselective <i>N</i> -acylation of Biginelli Dihydropyrimidines by Oxidative NHC Catalysis. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 2439-2447.	2.4	9
97	High-performance liquid chromatographic separation of dihydropyrimidine racemates on polysaccharide-derived chiral stationary phases. <i>Journal of Chromatography A</i> , 2006, 1126, 357-364.	3.7	8
98	Exploring the Synergy Between HPTLC and HPLC-DAD for the Investigation of Wine-Making By-Products. <i>Molecules</i> , 2019, 24, 3416.	3.8	8
99	Thioridazine requires calcium influx to induce MLL-AF6 rearranged AML cell death. <i>Blood Advances</i> , 2020, 4, 4417-4429.	5.2	8
100	A Visible-Light-Powered Polymerization Method for the Immobilization of Enantioselective Organocatalysts into Microreactors. <i>Chemistry - A European Journal</i> , 2020, 26, 13152-13156.	3.3	8
101	Expanding the Toolbox of Heterogeneous Asymmetric Organocatalysts: Bifunctional Cyclopropanimine Superbases for Enantioselective Catalysis in Batch and Continuous Flow. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 5473-5485.	4.3	8
102	Photoredox Cross-Dehydrogenative Coupling of <i>N</i> -Aryl Glycines Mediated by Mesoporous Graphitic Carbon Nitride: An Environmentally Friendly Approach to the Synthesis of Non-Proteinogenic \pm -Amino Acids (NPAAs) Decorated with Indoles. <i>Journal of Organic Chemistry</i> , 2022, 87, 7826-7837.	3.2	8
103	An enzymatic approach to the synthesis of optically pure (3R)- and (3S)-enantiomers of green tea flavor compound 3-hydroxy-3-methylnonane-2,4-dione. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013, 85-86, 93-98.	1.8	7
104	One-pot, two-step desymmetrization of symmetrical benzils catalyzed by the methylsulfinyl (dimsyl) anion. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 5733-5744.	2.8	7
105	One-Pot Synthesis of Carboxymethylcellulose-Templated Copper-NPs for Heterocatalytic Huisgen-Click Reactions on Lignocellulosic Bamboo Slices. <i>Catalysis Letters</i> , 2022, 152, 3558-3575.	2.6	7
106	Design and Synthesis of ^{99m} TcN-Labeled Dextran-Mannose Derivatives for Sentinel Lymph Node Detection. <i>Pharmaceuticals</i> , 2018, 11, 70.	3.8	6
107	Regiodivergent Synthesis of Benzothiazole-Based Isosorbide Imidates by Oxidative <i>N</i> -Heterocyclic Carbene Catalysis. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	2.4	5
108	Electron-transfer-initiated benzoin- and Stetter-like reactions in packed-bed reactors for process intensification. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 2719-2730.	2.2	4

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109	Enzymatic Cross-Benzoin-Type Condensation of Aliphatic Aldehydes: Enantioselective Synthesis of 1-Alkyl-1-hydroxypropan-2-ones and 1-Alkyl-1-hydroxybutan-2-ones. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4132-4141.		
110	Unveiling Organocatalysts Action – Investigating Immobilized Catalysts at Steady-State Operation via Lab-on-a-Chip Technology. <i>ChemCatChem</i> , 0, , .	3.7	4
111	Novel Compact Mesh Structure Micromixer with Multiple Outlets for Generation of Concentration Gradients. <i>Journal of Flow Chemistry</i> , 2014, 4, 61-65.	1.9	3
112	An integrated resource-efficient microfluidic device for parallelised studies of immobilised chiral catalysts in continuous flow <i>via</i> miniaturized LC/MS-analysis. <i>Reaction Chemistry and Engineering</i> , 0, , .	3.7	1
113	Three-Component Biginelli Cyclocondensation Reaction Using C-Glycosylated Substrates. Preparation of a Collection of Dihydropyrimidinone Glycoconjugates and the Synthesis of C-Glycosylated Monastrol Analogues.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
114	Dihydropyridine C-Glyconjugates by Hantzsch Cyclocondensation. Synthesis of a C(6)-Glycosylated Nifedipine Analogue.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
115	Decoration of Dihydropyrimidine and Dihydropyridine Scaffolds with Sugars via Biginelli and Hantzsch Multicomponent Reactions: An Efficient Entry to a Collection of Artificial Nucleosides. <i>ChemInform</i> , 2004, 35, no.	0.0	0
116	Improved Synthesis and Preparative Scale Resolution of Racemic Monastrol.. <i>ChemInform</i> , 2002, 33, 131-131.	0.0	0