

Marie-Christine Scherrmann

List of Publications by Year in descending order

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39
papers

1,185
citations

361413

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377865

34
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46
all docs

46
docs citations

46
times ranked

1000
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Applications of Carbohydrate-Based Organocatalysts. <i>Molecules</i> , 2021, 26, 7291.	3.8	10
2	Formation of Tetrahydrothiophenes via a Thia-PaternÅ“chi-Initiated Domino Photochemical Reaction. <i>Organic Letters</i> , 2020, 22, 8522-8527.	4.6	7
3	Eucalyptol: a new solvent for the synthesis of heterocycles containing oxygen, sulfur and nitrogen. <i>Green Chemistry</i> , 2019, 21, 1531-1539.	9.0	39
4	Cooperative 5- and 10-membered ring interactions in the 10-helix folding of oxetin homo-oligomers. <i>Chemical Communications</i> , 2018, 54, 1968-1971.	4.1	4
5	A Greener and Efficient Method for Nucleophilic Aromatic Substitution of Nitrogen-Containing Fused Heterocycles. <i>Molecules</i> , 2018, 23, 684.	3.8	16
6	The weight of flash chromatography: A tool to predict its mass intensity from thin-layer chromatography. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 2351-2357.	2.2	6
7	Synthetic Access to All Four Stereoisomers of Oxetin. <i>Journal of Organic Chemistry</i> , 2016, 81, 9983-9991.	3.2	17
8	Synthesis and antiproliferative activity of a natural like glycoconjugate polycyclic compound. <i>European Journal of Medicinal Chemistry</i> , 2016, 122, 247-256.	5.5	5
9	Total synthesis of triazole-linked C-glycosyl flavonoids in alternative solvents and environmental assessment in terms of reaction, workup and purification. <i>Green Chemistry</i> , 2016, 18, 5558-5568.	9.0	13
10	Investigation of the copper(II) catalysed azide-alkyne cycloaddition reactions (CuAAC) in molten PEG ₂₀₀₀ . <i>New Journal of Chemistry</i> , 2015, 39, 1986-1995.	2.8	24
11	Straightforward Synthesis of Various 2,3-Diarylimidazo[1,2-a]pyridines in PEG ₄₀₀ Medium through One-Pot Condensation and C-H Arylation. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4643-4650.	2.4	47
12	Chapter 9. Electrochemical glycosylation. <i>Carbohydrate Chemistry</i> , 2014, , 160-177.	0.3	2
13	Total synthesis of high loading capacity PEG-based supports: evaluation and improvement of the process by use of ultrafiltration and PEG as a solvent. <i>Green Chemistry</i> , 2013, 15, 1016.	9.0	41
14	SENSASS NMR: New NMR techniques for enhancing the sensitivity and the spectral resolution of polymer supported chemicals. <i>Journal of Magnetic Resonance</i> , 2013, 237, 63-72.	2.1	3
15	Soluble Polymer-Supported Flow Synthesis: A Green Process for the Preparation of Heterocycles. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 2188-2200.	2.4	21
16	Determination of the global material economy (GME) of synthesis sequences—a green chemistry metric to evaluate the greenness of products. <i>New Journal of Chemistry</i> , 2012, 36, 1091.	2.8	29
17	Some chemical transformations of carbohydrates in aqueous medium. <i>Comptes Rendus Chimie</i> , 2011, 14, 688-699.	0.5	16
18	Knoevenagel Reaction of Unprotected Sugars. <i>Topics in Current Chemistry</i> , 2010, 295, 1-18.	4.0	32

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19	Diastereoselective addition of sugar radicals to camphorsultam glyoxilic oxime ether: a route toward C-glycosylthreonine and allothreonine. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3918.	2.8	12
20	Synthesis of C-disaccharides via a hetero-Diels-Alder reaction and further stereocontrolled transformations. <i>Carbohydrate Research</i> , 2008, 343, 1754-1765.	2.3	7
21	Camphor-derived sulfonylhydrazines: catalysts for Diels-Alder cycloadditions. <i>Tetrahedron Letters</i> , 2008, 49, 5576-5579.	1.4	32
22	One-Step Synthesis of β -C-Glycosidic Ketones in Aqueous Media: The Case of 2-Acetamido Sugars. <i>Synthesis</i> , 2005, 2005, 814-818.	2.3	9
23	Investigation of the aqueous transmetalation of η -allylpalladium with indium salt: the use of the Pd(OAc) ₂ -TPPTS catalyst. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 1375-1380.	2.8	32
24	One-step synthesis of β -C-glycolipid derivatives from unprotected sugars. <i>Carbohydrate Research</i> , 2004, 339, 741-745.	2.3	39
25	Synthetic Reactions in Aqueous Media. <i>ChemInform</i> , 2004, 35, no.	0.0	0
26	Synthesis of β -Branched Allyl and Pentadienyl Glucosamines via Radical Coupling of Sugar- α -Thionocarbonates. <i>Journal of Carbohydrate Chemistry</i> , 2004, 23, 83-93.	1.1	6
27	Chemical Synthesis of Linear and Cyclic Unnatural Oligosaccharides by Iterative Glycosidation of Ketoses. <i>Chemistry - A European Journal</i> , 2001, 7, 1371-1382.	3.3	35
28	Binding properties and esterase activity of monoclonal antibodies elicited against sucrose 6-heptylphosphonate. <i>Carbohydrate Research</i> , 2001, 334, 295-307.	2.3	10
29	Stereoselective Addition of 2-Furyllithium and 2-Thiazollythium to Sugar Nitrones. Synthesis of Carbon-Linked Glycoglycines. <i>Journal of Organic Chemistry</i> , 1997, 62, 5484-5496.	3.2	55
30	Synthesis and Properties of β -Glycosyl Calix[4]Arenes (Calixsugars). <i>Chemistry - A European Journal</i> , 1997, 3, 1774-1782.	3.3	146
31	New access to C-disaccharide analogs of β , β -trehalose using an aqueous hetero Diels-Alder reaction. <i>Carbohydrate Research</i> , 1997, 297, 169-174.	2.3	14
32	Thiazolyketol acetates as glycosyl donors. Stereoselective synthesis of β -linked ketodisaccharides. <i>Tetrahedron</i> , 1996, 52, 3057-3074.	1.9	93
33	Sugar Calixarenes: Preparation of Calix[4]arenes Substituted at the Lower and Upper Rims with O-Glycosyl Groups. <i>Angewandte Chemie International Edition in English</i> , 1995, 33, 2479-2481.	4.4	85
34	Zuckercalixarene: Synthese von Calix[4]arenen mit β -Glycosylsubstituenten am oberen oder unteren Rand. <i>Angewandte Chemie</i> , 1994, 106, 2533-2535.	2.0	23
35	A General Synthetic Route to Anomeric α -Azido and α -Amino Acids and Formal Synthesis of (+)-Hidantocidin. <i>Journal of Organic Chemistry</i> , 1994, 59, 7517-7520.	3.2	56
36	Thiazole-Based Synthesis of Formyl C-Glycosides. <i>Journal of Organic Chemistry</i> , 1994, 59, 6404-6412.	3.2	126

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37	Thiazole-based synthesis of C-glycosyl aldehydes. Tetrahedron Letters, 1993, 34, 7319-7322.	1.4	37
38	Furan-based synthesis of C-glycosyl carboxylates. Tetrahedron Letters, 1993, 34, 7323-7326.	1.4	29
39	Synthesis and structure elucidation of new spirocephams. Tetrahedron Letters, 1990, 31, 7141-7144.	1.4	1