

Francesco Nicotra

List of Publications by Year in descending order

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146
papers

4,670
citations

94433

37
h-index

128289

60
g-index

154
all docs

154
docs citations

154
times ranked

5847
citing authors

#	ARTICLE	IF	CITATIONS
1	Definition of the chalcogen bond (IUPAC Recommendations 2019). <i>Pure and Applied Chemistry</i> , 2019, 91, 1889-1892.	1.9	322
2	3D Extracellular Matrix Mimics: Fundamental Concepts and Role of Materials Chemistry to Influence Stem Cell Fate. <i>Biomacromolecules</i> , 2020, 21, 1968-1994.	5.4	297
3	Curcumin-decorated nanoliposomes with very high affinity for amyloid- β 1-42 peptide. <i>Biomaterials</i> , 2011, 32, 1635-1645.	11.4	198
4	Functionalization of liposomes with ApoE-derived peptides at different density affects cellular uptake and drug transport across a blood-brain barrier model. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 551-559.	3.3	149
5	Versatile and Efficient Targeting Using a Single Nanoparticulate Platform: Application to Cancer and Alzheimer's Disease. <i>ACS Nano</i> , 2012, 6, 5866-5879.	14.6	127
6	Effect of curcumin-associated and lipid ligand-functionalized nanoliposomes on aggregation of the Alzheimer's A β peptide. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 541-550.	3.3	122
7	New and Easy Access to C-Glycosides of Glucosamine and Mannosamine. <i>Journal of Organic Chemistry</i> , 1997, 62, 6678-6681.	3.2	85
8	Natural Compounds against Alzheimer's Disease: Molecular Recognition of A β 1-42 Peptide by <i>Salvia sclareoides</i> Extract and its Major Component, Rosmarinic Acid, as Investigated by NMR. <i>Chemistry - an Asian Journal</i> , 2013, 8, 596-602.	3.3	77
9	Role of the N Terminus in Enzyme Activity, Stability and Specificity in Thermophilic Esterases Belonging to the HSL Family. <i>Journal of Molecular Biology</i> , 2005, 345, 501-512.	4.2	73
10	Organ Distribution and Bone Tropism of Cellulose Nanocrystals in Living Mice. <i>Biomacromolecules</i> , 2015, 16, 2862-2871.	5.4	72
11	General Methods for Iminosugar Synthesis. <i>Current Topics in Medicinal Chemistry</i> , 2003, 3, 485-511.	2.1	72
12	Natural glycoconjugates with antitumor activity. <i>Natural Product Reports</i> , 2011, 28, 630-648.	10.3	70
13	Chemoselective ligation in glycochemistry. <i>Chemical Communications</i> , 2004, , 623.	4.1	64
14	Synthesis of azasugars by Grignard reaction on glycosylamines. <i>Tetrahedron</i> , 1995, 51, 4679-4690.	1.9	62
15	Protein Kinase A Activation Promotes Cancer Cell Resistance to Glucose Starvation and Anoikis. <i>PLoS Genetics</i> , 2016, 12, e1005931.	3.5	61
16	Novel Tn antigen-containing neoglycopeptides: synthesis and evaluation as anti tumor vaccines. <i>Bioorganic and Medicinal Chemistry</i> , 2002, 10, 1639-1646.	3.0	59
17	Epoxide Opening versus Silica Condensation during Sol-Gel Hybrid Biomaterial Synthesis. <i>Chemistry - A European Journal</i> , 2013, 19, 7856-7864.	3.3	59
18	Capsular polysaccharide of <i>Streptococcus pneumoniae</i> type 19F: synthesis of the repeating unit. <i>Carbohydrate Research</i> , 1998, 311, 171-181.	2.3	57

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19	Vinylation-electrophilic cyclization of aldopentoses: easy and stereoselective access to C-glycopyranosides of rare sugars. <i>Journal of Organic Chemistry</i> , 1988, 53, 4181-4185.	3.2	53
20	Synthesis and Conformational Analysis of Novel N(OCH ₃)-linked Disaccharide Analogues. <i>Chemistry - A European Journal</i> , 2004, 10, 1433-1444.	3.3	53
21	Carbohydrate-Based Molecular Scaffolding. <i>Journal of Carbohydrate Chemistry</i> , 2006, 25, 97-138.	1.1	53
22	Carbonate hydroxyapatite functionalization: a comparative study towards (bio)molecules fixation. <i>Interface Focus</i> , 2014, 4, 20130040.	3.0	53
23	Tetracycline prevents A β oligomer toxicity through an atypical supramolecular interaction. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 463-472.	2.8	52
24	Epoxidation of exocyclic glycols: A new access to glycosides of ketosugars. <i>Tetrahedron Letters</i> , 1991, 32, 4035-4038.	1.4	49
25	Stereoselective Synthesis of the Isosteric Phosphono Analogues of N-Acetyl- β -D-glucosamine 1-Phosphate and N-Acetyl- β -D-mannosamine 1-Phosphate. <i>Journal of Organic Chemistry</i> , 1996, 61, 3428-3432.	3.2	49
26	Synthesis of C-disaccharides through dimerization of exo-glycols. <i>Journal of Organic Chemistry</i> , 1992, 57, 1304-1306.	3.2	48
27	A new procedure for the synthesis of azasugars. <i>Tetrahedron Letters</i> , 1993, 34, 4555-4558.	1.4	48
28	An interesting example of complementary regioselective acylation of secondary hydroxyl groups by different lipases. <i>Tetrahedron Letters</i> , 1989, 30, 1703-1704.	1.4	47
29	Exploring GPTMS reactivity against simple nucleophiles: chemistry beyond hybrid materials fabrication. <i>RSC Advances</i> , 2014, 4, 1841-1848.	3.6	46
30	Thiol-ene Mediated Neoglycosylation of Collagen Patches: A Preliminary Study. <i>Langmuir</i> , 2014, 30, 1336-1342.	3.5	44
31	Stereospecific synthesis of the phosphono analogs of .alpha.- and .beta.-D-glucose 1-phosphate. <i>Journal of Organic Chemistry</i> , 1982, 47, 4459-4462.	3.2	41
32	Synthesis of C-glycosyl compounds by the Wittig iodocyclization procedure. Differences from mercuriocyclization. <i>Carbohydrate Research</i> , 1987, 171, 49-57.	2.3	40
33	cis-Glyco-fused benzopyran compounds as new amyloid- β peptide ligands. <i>Chemical Communications</i> , 2011, 47, 10266.	4.1	40
34	Neoglycosylated Collagen Matrices Drive Neuronal Cells to Differentiate. <i>ACS Chemical Neuroscience</i> , 2014, 5, 261-265.	3.5	40
35	Design, Synthesis and Biological Evaluation of Sugar-Derived Ras Inhibitors. <i>ChemBioChem</i> , 2005, 6, 1839-1848.	2.6	39
36	Exploiting the Therapeutic Potential of 8-O-Acetyl-Glucopyranosylgenistein: Synthesis, Antidiabetic Activity, and Molecular Interaction with Islet Amyloid Polypeptide and Amyloid β -Peptide (1-42). <i>Journal of Medicinal Chemistry</i> , 2014, 57, 9463-9472.	6.4	39

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37	Carbohydrate mimetics and scaffolds: sweet spots in medicinal chemistry. <i>Future Medicinal Chemistry</i> , 2010, 2, 587-599.	2.3	38
38	Synthesis and Biological Evaluation of an Anticancer Vaccine Containing the C-Glycoside Analogue of the Tn Epitope. <i>Bioconjugate Chemistry</i> , 2001, 12, 325-328.	3.6	36
39	Solution and solid-phase chemoselective synthesis of (1-6)-amino(methoxy) di- and trisaccharide analogues. <i>Chemical Communications</i> , 2002, , 1504-1505.	4.1	36
40	Design and Synthesis of Chitosan-Gelatin Hybrid Hydrogels for 3D Printable in vitro Models. <i>Frontiers in Chemistry</i> , 2020, 8, 524.	3.6	36
41	Stereoselective access to .alpha.- and .beta.-D-fructofuranosyl C-glycosides. <i>Journal of Organic Chemistry</i> , 1987, 52, 5627-5630.	3.2	35
42	Chemoselective Neoglycosylation. <i>Advances in Carbohydrate Chemistry and Biochemistry</i> , 2007, 61, 353-398.	0.9	35
43	Saturation Transfer Difference NMR Experiments of Membrane Proteins in Living Cells under HR-MAS Conditions: The Interaction of the SGLT1 Co-transporter with Its Ligands. <i>Chemistry - A European Journal</i> , 2011, 17, 13395-13399.	3.3	35
44	A new procedure for the synthesis of C-glycosides of nojirimycin. <i>Chemical Communications</i> , 2000, , 1289-1290.	4.1	33
45	Carbohydrate-Based Scaffolds for the Generation of Sortiments of Bioactive Compounds. <i>Monatshefte für Chemie</i> , 2002, 133, 369-382.	1.8	33
46	Synthesis and biological evaluation of a small library of nojirimycin-derived bicyclic iminosugars. <i>Carbohydrate Research</i> , 2007, 342, 1813-1830.	2.3	32
47	Synthesis and evaluation of a 18F-curcumin derivate for β -amyloid plaque imaging. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 2753-2762.	3.0	32
48	Stereospecific synthesis of ethyl (2-acetamido-2-deoxy- β -D-glucopyranosyl)-acetate. <i>Carbohydrate Research</i> , 1983, 124, C5-C7.	2.3	31
49	C-glycosides through the Wittig-cyclization procedure: Observations on the influence of the nature of the substrate.. <i>Tetrahedron Letters</i> , 1984, 25, 5697-5700.	1.4	31
50	Curcumin derivatives as new ligands of $\text{A}\beta$ peptides. <i>Journal of Biotechnology</i> , 2011, 156, 317-324.	3.8	31
51	Flavonoids and Their Glycosides as Anti-amyloidogenic Compounds: $\text{A}\beta$ 1-42 Interaction Studies to Gain New Insights into Their Potential for Alzheimer's Disease Prevention and Therapy. <i>Chemistry - an Asian Journal</i> , 2017, 12, 67-75.	3.3	31
52	Sugar-Based Enantiomeric and Conformationally Constrained Pyrrolo[2,1-c][1,4]-Benzodiazepines as Potential GABA _A Ligands. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 1266-1275.	6.4	29
53	Stereoselective synthesis of β -C-glycosides of N-acetylglactosamine. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 295-303.	1.8	27
54	Targeting Bacterial Membranes: NMR Spectroscopy Characterization of Substrate Recognition and Binding Requirements of D -Arabinose-5-Phosphate Isomerase. <i>Chemistry - A European Journal</i> , 2010, 16, 1897-1902.	3.3	27

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55	Phage-displayed peptides targeting specific tissues and organs. <i>Journal of Drug Targeting</i> , 2019, 27, 555-565.	4.4	26
56	Synthesis of nojirimycin C-glycosides. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002, , 2161-2165.	1.3	25
57	Bicyclic carbohydrate-derived scaffolds for combinatorial libraries. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 3349-3367.	3.0	25
58	Glucosamine grafting on poly(ϵ -caprolactone): a novel glycosylated polyester as a substrate for tissue engineering. <i>RSC Advances</i> , 2013, 3, 6286.	3.6	25
59	Dendron Synthesis and Carbohydrate Immobilization on a Biomaterial Surface by a Double-Click Reaction. <i>Organic Letters</i> , 2014, 16, 1298-1301.	4.6	25
60	Carbohydrate-functionalized collagen matrices: design and characterization of a novel neoglycosylated biomaterial. <i>Carbohydrate Research</i> , 2014, 389, 12-17.	2.3	25
61	Tin-mediated regioselective acylation of unprotected sugars on solid phase. <i>Tetrahedron Letters</i> , 2000, 41, 8587-8590.	1.4	24
62	Synthesis and biological evaluation of novel lipid A antagonists. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 190-199.	3.0	24
63	Sugar-Derived Ras Inhibitors: Group Epitope Mapping by NMR Spectroscopy and Biological Evaluation. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 3707-3720.	2.4	24
64	The Kdo Biosynthetic Pathway Toward OM Biogenesis as Target in Antibacterial Drug Design and Development. <i>Current Drug Discovery Technologies</i> , 2009, 6, 19-33.	1.2	24
65	Targeting Bacterial Membranes: Identification of <i>Pseudomonas aeruginosa</i> α -Arabinose 5P Isomerase and NMR Characterisation of its Substrate Recognition and Binding Properties. <i>ChemBioChem</i> , 2011, 12, 719-727.	2.6	24
66	Galactose grafting on poly(ϵ -caprolactone) substrates for tissue engineering: a preliminary study. <i>Carbohydrate Research</i> , 2015, 405, 39-46.	2.3	24
67	Gelatin hydrogels via thiol-ene chemistry. <i>Monatshefte für Chemie</i> , 2016, 147, 587-592.	1.8	24
68	Glycans in nanomedicine, impact and perspectives. <i>Future Medicinal Chemistry</i> , 2019, 11, 43-60.	2.3	24
69	Synthesis and Conformational Analysis of Fructose-Derived Scaffolds: Molecular Diversity from a Single Molecule. <i>Chemistry - A European Journal</i> , 2002, 8, 3976-3983.	3.3	23
70	Nanoliposomes presenting on surface a cis-glycosylated benzopyran compound display binding affinity and aggregation inhibition ability towards Amyloid β 1-42 peptide. <i>European Journal of Medicinal Chemistry</i> , 2014, 85, 43-50.	5.5	23
71	Biomedical Hydrogels Fabricated Using Diels-Alder Crosslinking. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 374-382.	2.4	23
72	Differential glycosylation of collagen modulates lung cancer stem cell subsets through β 1 integrin-mediated interactions. <i>Cancer Science</i> , 2021, 112, 217-230.	3.9	23

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73	Synthesis and biological evaluation of nojirimycin- and pyrrolidine-based trehalase inhibitors. <i>Beilstein Journal of Organic Chemistry</i> , 2012, 8, 514-521.	2.2	22
74	Fructose-fused β -butyrolactones and lactams, synthesis and biological evaluation as GABA receptor ligands. <i>Carbohydrate Research</i> , 2008, 343, 1840-1848.	2.3	21
75	High stereoselective synthesis of diethyl (2,3-isopropylidene-5-trityl- β -D-ribofuranosyl)-methanephosphonate, a precursor to the phosphono analog of β -D-ribose 1-phosphate. <i>Tetrahedron Letters</i> , 1984, 25, 5937-5938.	1.4	20
76	Synthesis of the phosphono analogues of β - and β -D-mannopyranosyl phosphate. <i>Carbohydrate Research</i> , 1984, 131, 180-184.	2.3	19
77	Coupling quaternary ammonium surfactants to the surface of liposomes improves both antibacterial efficacy and host cell biocompatibility. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 149, 12-20.	4.3	19
78	Influence of the protective groups on the ring closure of gluco-octenoates. <i>Journal of Organic Chemistry</i> , 1982, 47, 5381-5382.	3.2	18
79	Simple and stereoselective chemoenzymatic synthesis of an α -C-mannoside. <i>Tetrahedron: Asymmetry</i> , 1993, 4, 1203-1204.	1.8	18
80	Synthesis of Stable Analogues of Glyceroglycolipids. <i>Tetrahedron</i> , 1997, 53, 6163-6170.	1.9	18
81	First round of a focused library of cholera toxin inhibitors. <i>Carbohydrate Research</i> , 2007, 342, 1651-1660.	2.3	18
82	Synthesis and Biological Evaluation of Novel Rigid 1,4-Benzodiazepine-2,5-dione Chimeric Scaffolds. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 635-639.	2.4	18
83	Integration of nano- and biotechnology for beta-cell and islet transplantation in type 1 diabetes treatment. <i>Cell Proliferation</i> , 2020, 53, e12785.	5.3	18
84	Chemoenzymic approach to carbohydrate-derived analogs of platelet-activating factor. <i>Journal of Organic Chemistry</i> , 1992, 57, 2154-2158.	3.2	17
85	Glucose as a Regioselectively Addressable Scaffold for Combinatorial Chemistry on Solid Phase. <i>Journal of Carbohydrate Chemistry</i> , 2003, 22, 57-71.	1.1	17
86	Diazo transfer for azido-functional surfaces. <i>Materials Today</i> , 2011, 14, 164-169.	14.2	17
87	Novel silica/bis(3-aminopropyl) polyethylene glycol inorganic/organic hybrids by "sol-gel" chemistry. <i>Materials Chemistry and Physics</i> , 2013, 140, 168-175.	4.0	17
88	Synthesis of Imino Sugar Scaffolds for the Generation of Glycosidase Inhibitor Libraries. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 2451-2470.	2.4	16
89	Structural Modifications of cis-Glycofused Benzopyran Compounds and Their Influence on the Binding to Amyloid β Peptide. <i>Chemistry - an Asian Journal</i> , 2016, 11, 299-309.	3.3	16
90	Easy and stereoselective synthesis of the phosphono analogue of β -L-rhamnose 1-phosphate. <i>Tetrahedron Letters</i> , 1997, 38, 5567-5568.	1.4	15

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91	Arabinose-derived bicyclic amino acids: synthesis, conformational analysis and construction of an α -D-3-selective RGD peptide. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002, , 638-644.	1.3	15
92	Synthesis and Conformational Analysis of Galactose-Derived Bicyclic Scaffolds. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 2925-2933.	2.4	15
93	Sugar-decorated hydroxyapatite: an inorganic material bioactivated with carbohydrates. <i>Carbohydrate Research</i> , 2011, 346, 1564-1568.	2.3	15
94	Iminosugar Analogues of Phosphatidyl Inositol as Potential Inhibitors of Protein Kinase B (Akt). <i>European Journal of Organic Chemistry</i> , 2011, 2011, 5012-5019.	2.4	15
95	Synthesis of the Dimethyl Ester of 1-Deoxy-Donojirimycin-1-Methylenphosphonate: A New Approach to Iminosugar Phosphonates. <i>Journal of Carbohydrate Chemistry</i> , 2006, 25, 151-162.	1.1	14
96	Synthesis of glyco-Fused Bicyclic Compounds; Conformationally Constrained Scaffolds and Useful Polyfunctional Building Blocks. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 2549-2556.	2.4	14
97	Direct Synthesis of the Isosteric Phosphono Analogues of α -L-Rhamnose 1-Phosphate and β -L-Fucose 1-Phosphate. <i>Journal of Carbohydrate Chemistry</i> , 1998, 17, 1003-1013.	1.1	13
98	A highly convergent approach to O- and N-linked glycopeptide analogues. <i>Glycoconjugate Journal</i> , 1999, 16, 399-404.	2.7	13
99	Design and Characterization of a New Class of Inhibitors of Ras Activation. <i>Annals of the New York Academy of Sciences</i> , 2004, 1030, 52-61.	3.8	13
100	Glycosyl sulfates as glycosyl donors. <i>Tetrahedron Letters</i> , 1994, 35, 8669-8670.	1.4	12
101	Carbohydrate scaffolds in chemical genetic studies. <i>Journal of Biotechnology</i> , 2009, 144, 234-241.	3.8	12
102	Glycoconjugate and oligosaccharide mimetics by chemoselective ligation. <i>Comptes Rendus Chimie</i> , 2003, 6, 635-644.	0.5	11
103	Application of Site-Directed Lipase Mutants on Regioselective Acylation of Monosaccharides. <i>Journal of Carbohydrate Chemistry</i> , 2003, 22, 631-644.	1.1	11
104	Fluorescent amyloid β -peptide ligand derivatives as potential diagnostic tools for Alzheimer's disease. <i>Pure and Applied Chemistry</i> , 2013, 85, 1813-1823.	1.9	11
105	Sodium glucose cotransporter 1 ligand BLF501 as a novel tool for management of gastrointestinal mucositis. <i>Molecular Cancer</i> , 2014, 13, 23.	19.2	11
106	Combined Analytical Approaches to Standardize and Characterize Biomaterials Formulations: Application to Chitosan-Gelatin Cross-Linked Hydrogels. <i>Biomolecules</i> , 2021, 11, 683.	4.0	11
107	Synthesis of enantiomerically pure 24-alkylsterol side chains, in both enantiomeric forms, starting from (R)-(+)-limonene. <i>Journal of Organic Chemistry</i> , 1986, 51, 1272-1276.	3.2	10
108	Synthesis of 3-Deoxy-d-threopentofuranose 5-Phosphate, a Substrate of Arabinose 5-Phosphate Isomerase. <i>Journal of Carbohydrate Chemistry</i> , 2010, 29, 30-38.	1.1	10

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109	Arabinose 5-phosphate isomerase as a target for antibacterial design: Studies with substrate analogues and inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 2576-2583.	3.0	10
110	A novel approach to the synthesis of 1,2-cis-glycopyranosides. <i>Tetrahedron Letters</i> , 1985, 26, 807-808.	1.4	9
111	Synthetic Approach to Kdo Glycosides Via Exo-Glycal Epoxides and Rationalization of the Stereo Chemical Outcome. <i>Journal of Carbohydrate Chemistry</i> , 1998, 17, 1269-1281.	1.1	9
112	Dansyl <i>α</i> -Glucoside as a Novel Agent Against Endotoxic Shock. <i>ChemMedChem</i> , 2010, 5, 1677-1680.	3.2	9
113	Ultrasonic assisted Fischer glycosylation: generating diversity for glycochemistry. <i>Molecular Diversity</i> , 2011, 15, 341-345.	3.9	9
114	The metabolism of phytosterols in the insect <i>Tenebrio molitor</i> : Utilization of 24-methylenecholesterol and 24,28-epoxymethylenecholesterol. <i>Lipids</i> , 1982, 17, 184-186.	1.7	8
115	Practical Synthesis of Disaccharide H. <i>Journal of Carbohydrate Chemistry</i> , 1992, 11, 397-399.	1.1	8
116	Synthesis of a Spiro D-Proline Analogue Bearing D-Fructose. <i>Letters in Drug Design and Discovery</i> , 2005, 2, 291-293.	0.7	8
117	Fructose-Based Proline Analogues: Exploring the Prolyl <i>trans/cis</i> -Amide Rotamer Population in Model Peptides. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 128-136.	2.4	8
118	Synthesis of 3- and 4-deoxy derivatives of l-rhamnose from 1,2-O-(1-methoxyethylidene)- β -l-rhamnopyranose. <i>Carbohydrate Research</i> , 1994, 257, 317-322.	2.3	7
119	Synthesis of potential inhibitors of carbohydrate processing enzymes. <i>Carbohydrate Polymers</i> , 1998, 37, 291-298.	10.2	7
120	Polycyclic scaffolds from fructose. <i>Tetrahedron Letters</i> , 2002, 43, 1355-1357.	1.4	7
121	Straightforward synthesis of novel Akt inhibitors based on a glucose scaffold. <i>Carbohydrate Research</i> , 2010, 345, 1291-1298.	2.3	7
122	α -D-Glucopyranosyl β -D-Galactopyranoside; Monomers, Oligomers and Fibrils: Structural Features. <i>Current Bioactive Compounds</i> , 2011, 7, 198-213.	0.5	7
123	The influence of plasma technology coupled to chemical grafting on the cell growth compliance of 3D hydroxyapatite scaffolds. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 2727-2738.	3.6	7
124	Phosphatidylinositol 3-Phosphate Mimics Based on a Sulfoquinovose Scaffold: Synthesis and Evaluation as Protein Kinase B Inhibitors. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 5962-5967.	2.4	7
125	A New Approach for Glyco-Functionalization of Collagen-Based Biomaterials. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1747.	4.1	7
126	Conversion of Lactose into Mimics of N-Acetylglucosamine. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 3437-3440.	2.4	6

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127	Easy Access to Glycosyl Phosphorothioates with Microwaves Technique. <i>Journal of Carbohydrate Chemistry</i> , 2006, 25, 163-171.	1.1	6
128	18 F-labeling syntheses and preclinical evaluation of functionalized nanoliposomes for Alzheimer's disease. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 88, 257-266.	4.0	6
129	Direct Synthesis of Glycidic Bicyclic Scaffolds in Water without Protecting Groups. <i>Synlett</i> , 2005, 2005, 2641-2642.	1.8	5
130	Synthesis of a β -Carboline Scaffold Properly Functionalized for the Generation of Libraries of Bioactive Compounds. <i>Synthesis</i> , 2010, 2010, 601-604.	2.3	5
131	Bifunctional dendrons for multiple carbohydrate presentation via carbonyl chemistry. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 1686-1691.	2.2	5
132	A novel case of 1,3-asymmetric induction in rhodium-catalyzed hydroformylation of an allylic double bond using perbenzylated C-glucosides as chiral directors. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 3661-3666.	1.8	4
133	Easy Silica Gel Supported Desymmetrization of PEG. <i>Synlett</i> , 2009, 2009, 2325-2327.	1.8	4
134	Phosphonate Analogues of Arabinose 5-Phosphate: Putative Ligands for Arabinose 5-Phosphate Isomerases. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 7776-7784.	2.4	4
135	SYNTHESIS OF IMINO-C-DISACCHARIDES RELATED TO SUCROSE1. <i>Journal of Carbohydrate Chemistry</i> , 2001, 20, 667-680.	1.1	3
136	Re LPS Biogenetic Pathway: Enzyme Characterisation and Synthetic Efforts Towards Inhibitors. <i>Current Organic Chemistry</i> , 2008, 12, 576-600.	1.6	3
137	Solid-phase supported mimic of GDP-l-galactose. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 744-745.	1.8	1
138	Sweet and Salted: Sugars Meet Hydroxyapatite. <i>Synlett</i> , 2011, 2011, 1845-1848.	1.8	1
139	Synthesis and biological evaluation of arabinose 5-phosphate mimics modified at position five. <i>Carbohydrate Research</i> , 2014, 389, 186-191.	2.3	1
140	Arsenical C-Glucoside Derivatives with Promising Antitumor Activity. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4620-4623.	2.4	1
141	Multivalent ^{13}C -PGA-Exendin-4 Conjugates to Target Pancreatic β -Cells. <i>ChemBioChem</i> , 0, , .	2.6	1
142	Synthesis of Potential Inhibitors of Carbohydrate Processing Enzymes. <i>Carbohydrate Polymers</i> , 1997, 34, 429.	10.2	0
143	Chemoselective Ligation in Glycochemistry. <i>ChemInform</i> , 2004, 35, no.	0.0	0
144	Glycoconjugate and Oligosaccharide Mimetics by Chemoselective Ligation. <i>ChemInform</i> , 2004, 35, no.	0.0	0

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145	IBS 2010 I. Journal of Biotechnology, 2011, 156, 237.	3.8	0
146	ICS-29: The 29 th International Carbohydrate Symposium. Pure and Applied Chemistry, 2019, 91, 1439-1440.	1.9	0