

Xuefei Huang

List of Publications by Year in descending order

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159
papers

6,589
citations

57758

44
h-index

82547

72
g-index

192
all docs

192
docs citations

192
times ranked

6690
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of self-assembled hyaluronan based nanoparticles and their applications in targeted imaging and therapy. Carbohydrate Research, 2022, 511, 108500.	2.3	10
2	Mechanisms of cellular and humoral immunity through the lens of VLP-based vaccines. Expert Review of Vaccines, 2022, 21, 453-469.	4.4	5
3	Synthesis of sialic acid conjugates of the clinical near-infrared dye as next-generation theranostics for cancer phototherapy. Journal of Materials Chemistry B, 2022, 10, 927-934.	5.8	4
4	Structure Guided Design of Bacteriophage Q β Mutants as Next Generation Carriers for Conjugate Vaccines. ACS Chemical Biology, 2022, 17, 3047-3058.	3.4	10
5	Virus-like Particle Display of <i>Vibrio cholerae</i> O-Specific Polysaccharide as a Potential Vaccine against Cholera. ACS Infectious Diseases, 2022, 8, 574-583.	3.8	12
6	Automated solid phase assisted synthesis of a heparan sulfate disaccharide library. Organic Chemistry Frontiers, 2022, 9, 2910-2920.	4.5	8
7	Design and Synthesis of Bovine Leukemia Virus-Associated Peptide-Based Q β Conjugate Eliciting Long-Lasting Neutralizing Antibodies in Mice. ACS Infectious Diseases, 2022, 8, 1031-1040.	3.8	3
8	Sulfated Glycoprotein Synthesis. Methods in Molecular Biology, 2022, , 1-17.	0.9	1
9	Nanoparticle-delivered miriplatin ultrasmall dots suppress triple negative breast cancer lung metastasis by targeting circulating tumor cells. Journal of Controlled Release, 2021, 329, 833-846.	9.9	13
10	Long-Range Stereodirecting Participation across a Glycosidic Linkage in Glycosylation Reactions. Organic Letters, 2021, 23, 1153-1156.	4.6	10
11	Convergent chemoenzymatic synthesis and biological evaluation of a heparan sulfate proteoglycan syndecan-1 mimetic. Chemical Communications, 2021, 57, 3407-3410.	4.1	9
12	Exploration of human xylosyltransferase for chemoenzymatic synthesis of proteoglycan linkage region. Organic and Biomolecular Chemistry, 2021, 19, 3374-3378.	2.8	3
13	Synthesis and immunological evaluation of synthetic peptide based anti-SARS-CoV-2 vaccine candidates. Chemical Communications, 2021, 57, 1474-1477.	4.1	15
14	Probing Amyloid β Interactions with Synthetic Heparan Sulfate Oligosaccharides. ACS Chemical Biology, 2021, 16, 1894-1899.	3.4	4
15	Chemoenzymatic Synthesis of Glycopeptides Bearing Galactose-Xylose Disaccharide from the Proteoglycan Linkage Region. Organic Letters, 2021, 23, 1738-1741.	4.6	5
16	Synthetic linear glycopolymers and their biological applications. Journal of Carbohydrate Chemistry, 2021, 40, 1-44.	1.1	2
17	Equipping Natural Killer Cells with Cetuximab through Metabolic Glycoengineering and Bioorthogonal Reaction for Targeted Treatment of KRAS Mutant Colorectal Cancer. ACS Chemical Biology, 2021, 16, 724-730.	3.4	12
18	A versatile photothermal vaccine based on acid-responsive glyco-nanoplatform for synergistic therapy of cancer. Biomaterials, 2021, 273, 120792.	11.4	19

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19	Developing Acid-Responsive Glyco-Nanoplatform Based Vaccines for Enhanced Cytotoxic T-Lymphocyte Responses Against Cancer and SARS-CoV-2. <i>Advanced Functional Materials</i> , 2021, 31, 2105059.	14.9	13
20	Isothermal holding processes of a reduced activation ferritic/martensitic steel to form a bainitic/martensitic multiphase microstructure and its mechanical properties. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 822, 141645.	5.6	7
21	Chemoenzymatic Synthesis of 9NHAc-GD2 Antigen to Overcome the Hydrolytic Instability of O-Acetylated-GD2 for Anticancer Conjugate Vaccine Development. <i>Angewandte Chemie</i> , 2021, 133, 24381.	2.0	2
22	Chemoenzymatic Synthesis of 9NHAc-GD2 Antigen to Overcome the Hydrolytic Instability of O-Acetylated-GD2 for Anticancer Conjugate Vaccine Development. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24179-24188.	13.8	21
23	Synthesis and immunological evaluation of the unnatural Î²-linked mucin-1 Thomsen-Friedenreich conjugate. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 2448-2455.	2.8	17
24	Carbohydrate Sulfation As a Mechanism for Fine-Tuning Siglec Ligands. <i>ACS Chemical Biology</i> , 2021, 16, 2673-2689.	3.4	31
25	Nanotechnology for Targeted Therapy of Atherosclerosis. <i>Frontiers in Pharmacology</i> , 2021, 12, 755569.	3.5	17
26	Recent advances on glycosyltransferases involved in the biosynthesis of the proteoglycan linkage region. <i>Advances in Carbohydrate Chemistry and Biochemistry</i> , 2021, 80, 95-119.	0.9	1
27	Strategies in Synthesis of Heparin/Heparan Sulfate Oligosaccharides: 2000-Present. <i>Advances in Carbohydrate Chemistry and Biochemistry</i> , 2021, 80, 121-164.	0.9	2
28	Nano-immunoimaging. <i>Nanoscale Horizons</i> , 2020, 5, 628-653.	8.0	22
29	Heparin mimetics as tools for modulation of biology and therapy. , 2020, , 71-96.		4
30	Synthesis of O-Sulfated Human Syndecan-1-like Glyco-polypeptides by Incorporating Peptide Ligation and O-Sulfated Glycopeptide Cassette Strategies. <i>Organic Letters</i> , 2020, 22, 6429-6433.	4.6	6
31	Synthesis of Carboxy-Dimethylmaleic Amide Linked Polymer Conjugate Based Ultra-pH-sensitive Nanoparticles for Enhanced Antitumor Immunotherapy. <i>ACS Macro Letters</i> , 2020, 9, 1693-1699.	4.8	10
32	Chemical synthesis of human syndecan-4 glycopeptide bearing O-, N-sulfation and multiple aspartic acids for probing impacts of the glycan chain and the core peptide on biological functions. <i>Chemical Science</i> , 2020, 11, 6393-6404.	7.4	18
33	Chemical Synthesis and Anti-Inflammatory Activity of Bikunin Associated Chondroitin Sulfate 24-mer. <i>ACS Central Science</i> , 2020, 6, 913-920.	11.3	18
34	Syntheses of <i>Salmonella</i> Paratyphi A Associated Oligosaccharide Antigens and Development towards Anti-Paratyphoid Fever Vaccines. <i>Chemistry - A European Journal</i> , 2020, 26, 15953-15968.	3.3	18
35	Tandospirone enhances the anti-myocardial fibrosis effect of valsartan in spontaneously hypertensive rats. <i>Biomedicine and Pharmacotherapy</i> , 2020, 126, 110073.	5.6	7
36	Glycoengineering of Natural Killer Cells with CD22 Ligands for Enhanced Anticancer Immunotherapy. <i>ACS Central Science</i> , 2020, 6, 382-389.	11.3	49

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37	Chemical Synthesis and Immunological Evaluation of a Pentasaccharide Bearing Multiple Rare Sugars as a Potential Anti- <i>E</i> pertussis Vaccine. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6451-6458.	13.8	48
38	Recent advances in tumor associated carbohydrate antigen based chimeric antigen receptor T cells and bispecific antibodies for anti-cancer immunotherapy. <i>Seminars in Immunology</i> , 2020, 47, 101390.	5.6	26
39	Chemical Synthesis and Immunological Evaluation of a Pentasaccharide Bearing Multiple Rare Sugars as a Potential Anti- <i>E</i> pertussis Vaccine. <i>Angewandte Chemie</i> , 2020, 132, 6513-6520.	2.0	12
40	Carbohydrate Conjugates in Vaccine Developments. <i>Frontiers in Chemistry</i> , 2020, 8, 284.	3.6	50
41	Effective atherosclerotic plaque inflammation inhibition with targeted drug delivery by hyaluronan conjugated atorvastatin nanoparticles. <i>Nanoscale</i> , 2020, 12, 9541-9556.	5.6	49
42	Expedient Synthesis of Core Disaccharide Building Blocks from Natural Polysaccharides for Heparan Sulfate Oligosaccharide Assembly. <i>Angewandte Chemie</i> , 2019, 131, 18750-18756.	2.0	8
43	Expedient Synthesis of Core Disaccharide Building Blocks from Natural Polysaccharides for Heparan Sulfate Oligosaccharide Assembly. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18577-18583.	13.8	38
44	Synthesis and Immunological Evaluation of Disaccharide Bearing MUC-1 Glycopeptide Conjugates with Virus-like Particles. <i>ACS Chemical Biology</i> , 2019, 14, 2176-2184.	3.4	46
45	Synthetic and immunological studies of <i>Salmonella</i> Enteritidis O-antigen tetrasaccharides as potential anti- <i>Salmonella</i> vaccines. <i>Chemical Communications</i> , 2019, 55, 4519-4522.	4.1	19
46	Synthetic standard aided quantification and structural characterization of amyloid-beta glycopeptides enriched from cerebrospinal fluid of Alzheimer's disease patients. <i>Scientific Reports</i> , 2019, 9, 5522.	3.3	20
47	In vivo β -catenin attenuation by the integrin $\alpha 5$ -targeting nano-delivery strategy suppresses triple negative breast cancer stemness and metastasis. <i>Biomaterials</i> , 2019, 188, 160-172.	11.4	80
48	Synthesis of Chondroitin Sulfate Oligosaccharides and Chondroitin Sulfate Glycopeptides. <i>Chemical Biology</i> , 2019, , 172-206.	0.2	2
49	MiRNA Extraction from Cell-Free Biofluid Using Protein Corona Formed around Carboxyl Magnetic Nanoparticles. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 654-662.	5.2	15
50	Pre-Activation-Based Stereoselective Glycosylations. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1075-1096.	2.4	34
51	Effects of Nanoprobe Morphology on Cellular Binding and Inflammatory Responses: Hyaluronan-Conjugated Magnetic Nanoworms for Magnetic Resonance Imaging of Atherosclerotic Plaques. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 11495-11507.	8.0	29
52	Detection of β -Amyloid by Sialic Acid Coated Bovine Serum Albumin Magnetic Nanoparticles in a Mouse Model of Alzheimer's Disease. <i>Small</i> , 2018, 14, 1701828.	10.0	38
53	Protective Epitope Discovery and Design of MUC1-based Vaccine for Effective Tumor Protections in Immunotolerant Mice. <i>Journal of the American Chemical Society</i> , 2018, 140, 16596-16609.	13.7	68
54	Chemoenzymatic synthesis of glycopeptides bearing rare N-glycan sequences with or without bisecting GlcNAc. <i>Chemical Science</i> , 2018, 9, 8194-8206.	7.4	16

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55	Antitumor Humoral and T Cell Responses by Mucin-1 Conjugates of Bacteriophage Q β in Wild-type Mice. ACS Chemical Biology, 2018, 13, 1668-1676.	3.4	35
56	Efficacy and Safety of Tenelegliptin in Patients With Type 2 Diabetes Mellitus: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. Frontiers in Pharmacology, 2018, 9, 449.	3.5	19
57	Binding and neurotoxicity mitigation of toxic tau oligomers by synthetic heparin like oligosaccharides. Chemical Communications, 2018, 54, 10120-10123.	4.1	19
58	Abstract 5633: Development of glycoconjugate-based anticancer vaccines. , 2018, , .		0
59	Delivery of foreign cytotoxic T lymphocyte epitopes to tumor tissues for effective antitumor immunotherapy against pre-established solid tumors in mice. Cancer Immunology, Immunotherapy, 2017, 66, 451-460.	4.2	16
60	Synthesis of Chondroitin Sulfate A Bearing Syndecan-1 Glycopeptide. Organic Letters, 2017, 19, 4838-4841.	4.6	18
61	Evaluation of Virus-Like Particle-Based Tumor-Associated Carbohydrate Immunogen in a Mouse Tumor Model. Methods in Enzymology, 2017, 597, 359-376.	1.0	12
62	Preactivation-based chemoselective glycosylations: A powerful strategy for oligosaccharide assembly. Beilstein Journal of Organic Chemistry, 2017, 13, 2094-2114.	2.2	26
63	Role of tandospirone, a 5-HT _{1A} receptor partial agonist, in the treatment of central nervous system disorders and the underlying mechanisms. Oncotarget, 2017, 8, 102705-102720.	1.8	35
64	Towards Synthesis of Heparan Sulfate Glycopeptides and Proteoglycans. Chemical Biology, 2017, , 209-232.	0.2	1
65	Chemical Synthesis of GM2 Glycans, Bioconjugation with Bacteriophage Q β , and the Induction of Anticancer Antibodies. ChemBioChem, 2016, 17, 174-180.	2.6	35
66	General Steric Trapping Strategy Reveals an Intricate Cooperativity Network in the Intramembrane Protease GlpG under Native Conditions. Biophysical Journal, 2016, 110, 257a.	0.5	0
67	PD-1 Suppresses Development of Humoral Responses That Protect against Tn-Bearing Tumors. Cancer Immunology Research, 2016, 4, 1027-1037.	3.4	18
68	Homoserine as an Aspartic Acid Precursor for Synthesis of Proteoglycan Glycopeptide Containing Aspartic Acid and a Sulfated Glycan Chain. Journal of Organic Chemistry, 2016, 81, 12052-12059.	3.2	3
69	Obstacles and solutions for chemical synthesis of syndecan-3 (53 α 62) glycopeptides with two heparan sulfate chains. Carbohydrate Research, 2016, 435, 180-194.	2.3	15
70	Complex Coacervation-Integrated Hybrid Nanoparticles Increasing Plasmid DNA Delivery Efficiency <i>in Vivo</i> . ACS Applied Materials & Interfaces, 2016, 8, 30735-30746.	8.0	21
71	Valency and density matter: Deciphering impacts of immunogen structures on immune responses against a tumor associated carbohydrate antigen using synthetic glycopolymers. Biomaterials, 2016, 101, 189-198.	11.4	21
72	Steric trapping reveals a cooperativity network in the intramembrane protease GlpG. Nature Chemical Biology, 2016, 12, 353-360.	8.0	45

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73	Abstract A030: Development of acid responsive microparticles for cytotoxic T-lymphocyte based antitumor immunotherapy. , 2016, , .		0
74	Developing a Universal Steric Trapping Strategy for Studying Folding and Stability of Helical Membrane Proteins. Biophysical Journal, 2015, 108, 92a.	0.5	0
75	Radiosensitizing and Hyperthermic Properties of Hyaluronan Conjugated, Dextran-Coated Ferric Oxide Nanoparticles: Implications for Cancer Stem Cell Therapy. Journal of Nanomaterials, 2015, 2015, 1-11.	2.7	7
76	Divergent Synthesis of Heparan Sulfate Oligosaccharides. Journal of Organic Chemistry, 2015, 80, 12265-12279.	3.2	50
77	Doxorubicin-Hyaluronan Conjugated Super-Paramagnetic Iron Oxide Nanoparticles (DOX-HA-SPION) Enhanced Cytoplasmic Uptake of Doxorubicin and Modulated Apoptosis, IL-6 Release and NF- κ B Activity in Human MDA-MB-231 Breast Cancer Cells. Journal of Nanoscience and Nanotechnology, 2015, 15, 6413-6422.	0.9	38
78	Design and syntheses of hyaluronan oligosaccharide conjugates as inhibitors of CD44-Hyaluronan binding. Glycoconjugate Journal, 2015, 32, 549-556.	2.7	12
79	Identification of Lectins from Metastatic Cancer Cells through Magnetic Glyconanoparticles. Israel Journal of Chemistry, 2015, 55, 423-436.	2.3	7
80	Design and synthesis of active heparan sulfate-based probes. Chemical Communications, 2015, 51, 11019-11021.	4.1	9
81	Preface. Carbohydrate Research, 2015, 405, 1.	2.3	0
82	Boosting Humoral Immune Responses to Tumor-associated Carbohydrate Antigens with Virus-like Particles. RSC Drug Discovery Series, 2015, , 132-150.	0.3	4
83	Heparin nanoparticles for β amyloid binding and mitigation of β amyloid associated cytotoxicity. Carbohydrate Research, 2015, 405, 110-114.	2.3	15
84	Significant Impact of Immunogen Design on the Diversity of Antibodies Generated by Carbohydrate-Based Anticancer Vaccine. ACS Chemical Biology, 2015, 10, 2364-2372.	3.4	50
85	Lipopeptide-Coated Iron Oxide Nanoparticles as Potential Glycoconjugate-Based Synthetic Anticancer Vaccines. ACS Applied Materials & Interfaces, 2015, 7, 17535-17544.	8.0	43
86	Chemical Synthesis of Syndecan-3 Glycopeptides Bearing Two Heparan Sulfate Glycan Chains. Angewandte Chemie - International Edition, 2014, 53, 9051-9058.	13.8	27
87	Synthesis aided structural determination of amyloid- β (1-15) glycopeptides, new biomarkers for Alzheimer's disease. Chemical Communications, 2014, 50, 15067-15070.	4.1	14
88	CD44 Targeting Magnetic Glyconanoparticles for Atherosclerotic Plaque Imaging. Pharmaceutical Research, 2014, 31, 1426-1437.	3.5	44
89	Assessing the <i>in Vivo</i> Efficacy of Doxorubicin Loaded Hyaluronan Nanoparticles. ACS Applied Materials & Interfaces, 2014, 6, 697-705.	8.0	64
90	Carbohydrate antigen delivery by water soluble copolymers as potential anti-cancer vaccines. MedChemComm, 2014, 5, 1126-1129.	3.4	12

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91	Synthesis of <i>N</i> -acetyl Glucosamine Analogs as Inhibitors for Hyaluronan Biosynthesis. <i>Journal of Carbohydrate Chemistry</i> , 2013, 32, 392-409.	1.1	10
92	Development of drug loaded nanoparticles for tumor targeting. Part 2: Enhancement of tumor penetration through receptor mediated transcytosis in 3D tumor models. <i>Nanoscale</i> , 2013, 5, 3904.	5.6	44
93	Glyconanoparticle Aided Detection of β -Amyloid by Magnetic Resonance Imaging and Attenuation of β -Amyloid Induced Cytotoxicity. <i>ACS Chemical Neuroscience</i> , 2013, 4, 575-584.	3.5	60
94	Boosting Immunity to Small Tumor-Associated Carbohydrates with Bacteriophage Q β Capsids. <i>ACS Chemical Biology</i> , 2013, 8, 1253-1262.	3.4	81
95	Development of drug loaded nanoparticles for tumor targeting. Part 1: synthesis, characterization, and biological evaluation in 2D cell cultures. <i>Nanoscale</i> , 2013, 5, 3895.	5.6	30
96	Directing the biological activities of heparan sulfate oligosaccharides using a chemoenzymatic approach. <i>Glycobiology</i> , 2012, 22, 96-106.	2.5	22
97	Uncovering Biphasic Catalytic Mode of C5-epimerase in Heparan Sulfate Biosynthesis. <i>Journal of Biological Chemistry</i> , 2012, 287, 20996-21002.	3.4	55
98	Recent Development in Carbohydrate Based Anticancer Vaccines. <i>Journal of Carbohydrate Chemistry</i> , 2012, 31, 143-186.	1.1	92
99	Chemical Synthesis of a Heparan Sulfate Glycopeptide: Syndecan-1. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10185-10189.	13.8	54
100	Tobacco Mosaic Virus as a New Carrier for Tumor Associated Carbohydrate Antigens. <i>Bioconjugate Chemistry</i> , 2012, 23, 1694-1703.	3.6	72
101	Synthesis of β -cyclodextrin conjugated superparamagnetic iron oxide nanoparticles for selective binding and detection of cholesterol crystals. <i>Chemical Communications</i> , 2012, 48, 3385.	4.1	56
102	Strategies in Synthesis of Heparin/Heparan Sulfate Oligosaccharides. <i>Advances in Carbohydrate Chemistry and Biochemistry</i> , 2012, 67, 95-136.	0.9	76
103	Development of Multifunctional Hyaluronan-Coated Nanoparticles for Imaging and Drug Delivery to Cancer Cells. <i>Biomacromolecules</i> , 2012, 13, 1144-1151.	5.4	105
104	Total synthesis of the aminopropyl functionalized ganglioside GM1. <i>Science China Chemistry</i> , 2012, 55, 31-35.	8.2	15
105	Glyco-Nanomaterials: Translating Insights from the 'Sugar-Code' to Biomedical Applications. <i>Current Medicinal Chemistry</i> , 2011, 18, 2060-2078.	2.4	76
106	A simple method for the synthesis of hyaluronic acid coated magnetic nanoparticles for highly efficient cell labelling and in vivo imaging. <i>RSC Advances</i> , 2011, 1, 1449.	3.6	40
107	Biological Applications of Hyaluronic Acid Functionalized Nanomaterials. <i>ACS Symposium Series</i> , 2011, , 181-213.	0.5	6
108	Pre-activation based stereoselective glycosylations: Stereochemical control by additives and solvent. <i>Science China Chemistry</i> , 2011, 54, 66-73.	8.2	24

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109	Divergent Heparin Oligosaccharide Synthesis with Preinstalled Sulfate Esters. <i>Chemistry - A European Journal</i> , 2011, 17, 10106-10112.	3.3	56
110	Enhancement of cell recognition in vitro by dual-ligand cancer targeting gold nanoparticles. <i>Biomaterials</i> , 2011, 32, 2540-2545.	11.4	98
111	Improved outcome of targeted delivery of chemotherapy drugs to the brain using a combined strategy of ultrasound, magnetic targeting and drug-loaded nanoparticles. <i>Therapeutic Delivery</i> , 2011, 2, 137-141.	2.2	6
112	Fluorous-Assisted One-Pot Oligosaccharide Synthesis. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1290-1298.	2.4	38
113	Preactivation-Based, One-Pot Combinatorial Synthesis of Heparin-like Hexasaccharides for the Analysis of Heparin-Protein Interactions. <i>Chemistry - A European Journal</i> , 2010, 16, 8365-8375.	3.3	104
114	Inside Cover: Preactivation-Based, One-Pot Combinatorial Synthesis of Heparin-like Hexasaccharides for the Analysis of Heparin-Protein Interactions (<i>Chem. Eur. J.</i> 28/2010). <i>Chemistry - A European Journal</i> , 2010, 16, 8218-8218.	3.3	1
115	Hyaluronic Acid Immobilized Magnetic Nanoparticles for Active Targeting and Imaging of Macrophages. <i>Bioconjugate Chemistry</i> , 2010, 21, 2128-2135.	3.6	148
116	Lipoic Acid Glyco-Conjugates, a New Class of Agents for Controlling Nonspecific Adsorption of Blood Serum at Biointerfaces for Biosensor and Biomedical Applications. <i>Langmuir</i> , 2010, 26, 4119-4125.	3.5	22
117	Magnetic Glyco-Nanoparticles: A Tool To Detect, Differentiate, and Unlock the Glyco-Codes of Cancer via Magnetic Resonance Imaging. <i>Journal of the American Chemical Society</i> , 2010, 132, 4490-4499.	13.7	240
118	Chemical Synthesis of a Hyaluronic Acid Decasaccharide. <i>Journal of Organic Chemistry</i> , 2009, 74, 7608-7617.	3.2	55
119	Thio-arylglycosides with various aglyconpara-substituents: a probe for studying chemical glycosylation reactions. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 117-127.	2.8	27
120	Cowpea Mosaic Virus Capsid: A Promising Carrier for the Development of Carbohydrate Based Antitumor Vaccines. <i>Chemistry - A European Journal</i> , 2008, 14, 4939-4947.	3.3	73
121	Pre-Activation-Based One-Pot Synthesis of an $\alpha(2,3)$ -Sialylated Core-Fucosylated Complex Type B α -Antennary N-glycan Dodecasaccharide. <i>Chemistry - A European Journal</i> , 2008, 14, 7072-7081.	3.3	94
122	Functionalization of magnetic nanoparticles with organic molecules: Loading level determination and evaluation of linker length effect on immobilization. <i>Chirality</i> , 2008, 20, 265-277.	2.6	40
123	Chemoenzymatic Syntheses of Tumor-Associated Carbohydrate Antigen Globo-H and Stage-Specific Embryonic Antigen 4. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 1717-1728.	4.3	25
124	Installation of Electron-Donating Protective Groups, a Strategy for Glycosylating Unreactive Thioglycosyl Acceptors using the Preactivation-Based Glycosylation Method. <i>Journal of Organic Chemistry</i> , 2008, 73, 7952-7962.	3.2	107
125	Chemical Syntheses of Hyaluronic Acid Oligosaccharides. <i>ACS Symposium Series</i> , 2008, , 29-53.	0.5	4
126	Magnetic Glyco-nanoparticles: A Unique Tool for Rapid Pathogen Detection, Decontamination, and Strain Differentiation. <i>Journal of the American Chemical Society</i> , 2007, 129, 13392-13393.	13.7	385

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127	Syntheses of Lewis ^X and Dimeric Lewis ^X : Construction of Branched Oligosaccharides by a Combination of Preactivation and Reactivity Based Chemoselective One-Pot Glycosylations. <i>Journal of Organic Chemistry</i> , 2007, 72, 8958-8961.	3.2	64
128	Synthesis of Branched Man5 Oligosaccharides and an Unusual Stereochemical Observation. <i>Journal of Organic Chemistry</i> , 2007, 72, 8976-8979.	3.2	40
129	Multi-Component One-Pot Synthesis of the Tumor-Associated Carbohydrate Antigen Globo-H Based on Preactivation of Thioglycosyl Donors. <i>Journal of Organic Chemistry</i> , 2007, 72, 6409-6420.	3.2	134
130	Highly Efficient Syntheses of Hyaluronic Acid Oligosaccharides. <i>Chemistry - A European Journal</i> , 2007, 13, 529-540.	3.3	85
131	Syntheses and Energy Transfer in Multiporphyrinic Arrays Self-Assembled with Hydrogen-Bonding Recognition Groups and Comparison with Covalent Steroidal Models. <i>Chemistry - A European Journal</i> , 2007, 13, 8411-8427.	3.3	45
132	Iterative one-pot syntheses of chitotetroses. <i>Carbohydrate Research</i> , 2006, 341, 1669-1679.	2.3	56
133	A Facile Method for Oxidation of Primary Alcohols to Carboxylic Acids and Its Application in Glycosaminoglycan Syntheses. <i>Chemistry - A European Journal</i> , 2006, 12, 5246-5252.	3.3	85
134	Benzenesulfinyl Morpholine: A New Promoter for One-Pot Oligosaccharide Synthesis Using Thioglycosides by Pre-Activation Strategy. <i>Synlett</i> , 2006, 2006, 2846-2850.	1.8	16
135	Comparative study of energy-transfer processes in several porphyrin-based artificial light-harvesting molecules. <i>Journal of Luminescence</i> , 2005, 112, 454-457.	3.1	4
136	Iterative One-Pot Synthesis of Oligosaccharides. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5221-5224.	13.8	313
137	Fluorous thiols in oligosaccharide synthesis. <i>Tetrahedron Letters</i> , 2004, 45, 4615-4618.	1.4	50
138	One-pot oligosaccharide synthesis: reactivity tuning by post-synthetic modification of aglycon Electronic supplementary information (ESI) available: experimental data. See http://www.rsc.org/suppdata/cc/b4/b405886k/ . <i>Chemical Communications</i> , 2004, , 1960.	4.1	59
139	A Four-Component One-Pot Synthesis of Î±-Gal Pentasaccharide. <i>Organic Letters</i> , 2004, 6, 4415-4417.	4.6	56
140	Magnesium Tetraarylporphyrin Tweezer: A CD-Sensitive Host for Absolute Configurational Assignments of Î±-Chiral Carboxylic Acids. <i>Journal of the American Chemical Society</i> , 2003, 125, 12914-12927.	13.7	105
141	Absolute Configurational Assignments of Secondary Amines by CD-Sensitive Dimeric Zinc Porphyrin Host. <i>Journal of the American Chemical Society</i> , 2002, 124, 10320-10335.	13.7	152
142	Configurational assignment of Î±-chiral carboxylic acids by complexation to dimeric Zn ^{II} porphyrin: host-guest structure, chiral recognition and circular dichroism Electronic supplementary information (ESI) available: spectroscopic data for compounds 1 and 3 to 6; UV-Vis spectra and binding curves for titration of 2 with 1; Job plot for 1; computational and experimental sections. See http://www.rsc.org/suppdata/cc/b2/b204554k/ . <i>Chemical Communications</i> , 2002, , 1590-1591.	4.1	61
143	A strategy for the one-pot synthesis of sialylated oligosaccharides. <i>Canadian Journal of Chemistry</i> , 2002, 80, 1051-1054.	1.1	29
144	(R)-(+)- and (S)-(-)-1-(9-Phenanthryl)ethylamine: Assignment of Absolute Configuration by CD Tweezer and VCD Methods, and Difficulties Encountered with the CD Exciton Chirality Method. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 1788-1796.	2.4	27

#	ARTICLE	IF	CITATIONS
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