

Toshiki Nokami

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128
papers

3,973
citations

33
h-index

59
g-index

163
ext. papers

4,438
ext. citations

5.3
avg, IF

5.34
L-index

#	Paper	IF	Citations
128	Polymer-bound pyrene-4,5,9,10-tetraone for fast-charge and -discharge lithium-ion batteries with high capacity. <i>Journal of the American Chemical Society</i> , 2012 , 134, 19694-700	16.4	359
127	Generation and reactions of o-bromophenyllithium without benzyne formation using a microreactor. <i>Journal of the American Chemical Society</i> , 2007 , 129, 3046-7	16.4	219
126	TRPA1 underlies a sensing mechanism for O ₂ . <i>Nature Chemical Biology</i> , 2011 , 7, 701-11	11.7	197
125	Diversity-oriented synthesis of multisubstituted olefins through the sequential integration of palladium-catalyzed cross-coupling reactions. 2-pyridyldimethyl(vinyl)silane as a versatile platform for olefin synthesis. <i>Journal of the American Chemical Society</i> , 2001 , 123, 11577-85	16.4	162
124	Space Integration of Reactions: An Approach to Increase the Capability of Organic Synthesis. <i>Synlett</i> , 2011 , 2011, 1189-1194	2.2	126
123	Halogen and chalcogen cation pools stabilized by DMSO. Versatile reagents for alkene difunctionalization. <i>Journal of the American Chemical Society</i> , 2013 , 135, 16070-3	16.4	121
122	Introduction of two lithiooxycarbonyl groups enhances cyclability of lithium batteries with organic cathode materials. <i>Journal of Power Sources</i> , 2014 , 260, 211-217	8.9	114
121	Palladium-catalyzed cross-coupling reaction of alkenyldimethyl(2-pyridyl)silanes with organic halides: complete switch from the carbometalation pathway to the transmetalation pathway. <i>Journal of the American Chemical Society</i> , 2001 , 123, 5600-1	16.4	102
120	Electrochemical generation of glycosyl triflate pools. <i>Journal of the American Chemical Society</i> , 2007 , 129, 10922-8	16.4	101
119	Integrated electrochemical-chemical oxidation mediated by alkoxyulfonium ions. <i>Journal of the American Chemical Society</i> , 2011 , 133, 11840-3	16.4	98
118	Highly Efficient Carbopalladation Across Vinylsilane: Dual Role of the 2-PyMe ₂ Si Group as a Directing Group and as a Phase Tag. <i>Journal of the American Chemical Society</i> , 2000 , 122, 12013-12014	16.4	92
117	Integrated micro flow synthesis based on sequential Br-Li exchange reactions of p-, m-, and o-dibromobenzenes. <i>Chemistry - an Asian Journal</i> , 2007 , 2, 1513-23	4.5	88
116	Automated solution-phase synthesis of oligosaccharides via iterative electrochemical assembly of thioglycosides. <i>Organic Letters</i> , 2013 , 15, 4520-3	6.2	83
115	Alpha- and beta-glycosyl sulfonium ions: generation and reactivity. <i>Chemistry - A European Journal</i> , 2009 , 15, 2252-5	4.8	68
114	Synthesis of a sialic acid alpha(2-3) galactose building block and its use in a linear synthesis of sialyl Lewis X. <i>Organic Letters</i> , 2007 , 9, 1777-9	6.2	64
113	Oxidative hydroxylation mediated by alkoxyulfonium ions. <i>Organic Letters</i> , 2012 , 14, 938-41	6.2	62
112	Indirect cation-flow method: flash generation of alkoxy-carbenium ions and studies on the stability of glycosyl cations. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 5153-6	16.4	61

111	Palladium-catalyzed convergent synthesis and properties of conjugated dendrimers based on triarylethene branching. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 2404-9	16.4	61
110	Glycosyl sulfonium ions as storable intermediates for glycosylations. <i>Organic Letters</i> , 2011 , 13, 1544-7	6.2	58
109	Oxidative generation of diarylcarbenium ion pools. <i>Organic Letters</i> , 2006 , 8, 5005-7	6.2	57
108	Iterative molecular assembly based on the cation-pool method. Convergent synthesis of dendritic molecules. <i>Journal of the American Chemical Society</i> , 2008 , 130, 10864-5	16.4	56
107	Stereoselective synthesis of multisubstituted butadienes through directed Mizoroki-Heck reaction and homocoupling reaction of vinyl(2-pyridyl)silane. <i>Organic Letters</i> , 2004 , 6, 3695-8	6.2	55
106	Metal-Free Benzylic C-H Amination via Electrochemically Generated Benzylaminosulfonium Ions. <i>Chemistry - A European Journal</i> , 2017 , 23, 61-64	4.8	54
105	A possible means of realizing a sacrifice-free three component separation of lignocellulose from wood biomass using an amino acid ionic liquid. <i>Green Chemistry</i> , 2013 , 15, 1863	10	53
104	Pyridylsilyl group-driven cross-coupling reactions. <i>Journal of Organometallic Chemistry</i> , 2002 , 653, 105-113	13	51
103	Automated electrochemical assembly of the protected potential TMG-chitotriomycin precursor based on rational optimization of the carbohydrate building block. <i>Organic Letters</i> , 2015 , 17, 1525-8	6.2	47
102	Nitrogen-Containing Polycyclic Quinones as Cathode Materials for Lithium-ion Batteries with Increased Voltage. <i>Energy Technology</i> , 2014 , 2, 155-158	3.5	47
101	Pyridyl group assisted deprotonation of a methyl group on silicon: complex induced proximity effect and novel hydroxymethylation. <i>Journal of Organic Chemistry</i> , 2001 , 66, 3970-6	4.2	47
100	Addition of ArSSAr to dienes via intramolecular C-C bond formation initiated by a catalytic amount of ArS ⁺ . <i>Chemical Communications</i> , 2009 , 5448-50	5.8	40
99	Synthesis of gem-difluoromethylene building blocks through regioselective allylation of gem-difluorocyclopropanes. <i>Organic Letters</i> , 2014 , 16, 2638-41	6.2	38
98	Palladium-catalyzed cross-coupling reactions of (2-pyridyl)allyldimethylsilanes with aryl iodides. <i>Organic Letters</i> , 2006 , 8, 729-31	6.2	38
97	CO ₂ Solubility in Ether Functionalized Ionic Liquids on Mole Fraction and Molarity Scales. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 525-535	8.3	37
96	[Bis]. <i>Organic Letters</i> , 2000 , 2, 1299-302	6.2	37
95	Effect of Cation Structure of Ionic Liquids on Anode Properties of Si Electrodes for LIB. <i>Journal of the Electrochemical Society</i> , 2014 , 161, A1765-A1771	3.9	32
94	Generation of Diarylcarbenium Ion Pools via Electrochemical C-H Bond Dissociation. <i>Bulletin of the Chemical Society of Japan</i> , 2009 , 82, 594-599	5.1	32

93	Oligosaccharide Synthesis Based on a One-pot Electrochemical Glycosylation/Evoc Deprotection Sequence. <i>Chemistry Letters</i> , 2008 , 37, 942-943	1.7	32
92	Influence of the structure of the anion in an ionic liquid electrolyte on the electrochemical performance of a silicon negative electrode for a lithium-ion battery. <i>Journal of Power Sources</i> , 2017 , 338, 103-107	8.9	30
91	Liquid Quinones for Solvent-Free Redox Flow Batteries. <i>Advanced Materials</i> , 2017 , 29, 1606592	24	29
90	Integration of electrooxidative cyclization and chemical oxidation via alkoxysulfonium ions. Synthesis of exocyclic ketones from alkenes with cyclization. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 3322-31	3.9	29
89	Reaction Integration Using Electrogenerated Cationic Intermediates. <i>Bulletin of the Chemical Society of Japan</i> , 2015 , 88, 763-775	5.1	28
88	Electrochemical generation of 2,3-oxazolidinone glycosyl triflates as an intermediate for stereoselective glycosylation. <i>Beilstein Journal of Organic Chemistry</i> , 2012 , 8, 456-60	2.5	27
87	2-Pyridyldimethylsilyl as a Removable Hydrophilic Group in Aqueous Diels-Alder Reactions This work was supported by a Grant-in-Aid for Scientific Research from the Ministry of Education, Science, Sports, and Culture, Japan, and in part by the Mitsubishi Foundation. We thank Professor Kazunari Akiyoshi (Kyoto University) for assistance with dynamic light-scattering experiments and	16.4	27
86	Total synthesis of TMG-Chitotriomycin based on an automated electrochemical assembly of a disaccharide building block. <i>Beilstein Journal of Organic Chemistry</i> , 2017 , 13, 919-924	2.5	26
85	Recent Developments in the "Cation Pool" Method. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2013 , 71, 1136-1144	0.2	26
84	Design of ionic liquids as liquid desiccant for an air conditioning system. <i>Green Energy and Environment</i> , 2019 , 4, 139-145	5.7	26
83	Synthetic carbohydrate research based on organic electrochemistry. <i>Carbohydrate Research</i> , 2012 , 363, 1-6	2.9	24
82	Addition of ArSSAr to carbon-carbon multiple bonds using electrochemistry. <i>Tetrahedron</i> , 2010 , 66, 2823-2829	2.8	24
81	Switching the reaction pathways of electrochemically generated haloalkoxysulfonium ions - synthesis of halohydrins and epoxides. <i>Beilstein Journal of Organic Chemistry</i> , 2015 , 11, 242-8	2.5	22
80	Synergetic Activation of Lipase by an Amino Acid with Alkyl-BEG Sulfate Ionic Liquid. <i>Chemistry Letters</i> , 2013 , 42, 663-665	1.7	22
79	Rational optimization of the mannoside building block for automated electrochemical assembly of the core trisaccharide of GPI anchor oligosaccharides. <i>Carbohydrate Research</i> , 2017 , 450, 44-48	2.9	21
78	A new highly sterically demanding silyl (TEDAMS) group. Synthesis by multiple substitution of tris(diphenylmethyl)silane with diarylcarbenium ions. <i>Tetrahedron Letters</i> , 2010 , 51, 4107-4109	2	21
77	Facile generation of [bis(2-pyridyldimethylsilyl)methyl]lithium and its reaction with carbonyl compounds. New method for the stereoselective synthesis of vinylsilanes. <i>Tetrahedron</i> , 2001 , 57, 5045-5054	2.4	21
76	Direct dendronization of polystyrenes using dendritic diarylcarbenium ion pools. <i>Chemical Communications</i> , 2011 , 47, 5575-7	5.8	20

75	Remarkably improved stability and enhanced activity of a Burkholderia cepacia lipase by coating with a triazolium alkyl-PEG sulfate ionic liquid. <i>Green Chemistry</i> , 2017 , 19, 5250-5256	10	18
74	Lipase-mediated dynamic kinetic resolution (DKR) of secondary alcohols in the presence of zeolite using an ionic liquid solvent system. <i>Catalysis Today</i> , 2015 , 255, 41-48	5.3	18
73	Electrochemically Generated ArS(ArSSAr)+B(C6F5)4 ⁻ as an Activator of Thioglycosides for Glycosylation. <i>Chemistry Letters</i> , 2011 , 40, 678-679	1.7	18
72	Palladium-Catalyzed Convergent Synthesis and Properties of Conjugated Dendrimers Based on Triarylethene Branching. <i>Angewandte Chemie</i> , 2006 , 118, 2464-2469	3.6	18
71	Chemical Glycosylation by Single Electron Transfer. <i>Israel Journal of Chemistry</i> , 2015 , 55, 297-305	3.4	16
70	Electrochemical synthesis of dendritic diarylcarbenium ion pools. <i>Tetrahedron</i> , 2011 , 67, 4664-4671	2.4	16
69	2-Pyridyldimethylsilyl Group as a Removable Hydrophilic Group in Aqueous Organic Reactions: Formation of Molecular Aggregates and Dramatic Rate Enhancement in Diels-Alder Reactions. <i>Advanced Synthesis and Catalysis</i> , 2002 , 344, 441-451	5.6	16
68	Development of n-Type Semiconductor Based on Cyclopentene- or Cyclohexene-Fused [C60]-Fullerene Derivatives. <i>Journal of Organic Chemistry</i> , 2015 , 80, 4638-49	4.2	14
67	Synthesis of 2,2-difluoro-homoallylic alcohols via ring-opening of gem-difluorocyclopropane and aerobic oxidation by photo-irradiation in the presence of an organic pigment. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 6106-6114	3.9	14
66	Phosphonium alkyl PEG sulfate ionic liquids as coating materials for activation of Burkholderia cepacia lipase. <i>Biotechnology Journal</i> , 2015 , 10, 1944-51	5.6	14
65	Sulfonium Ions as Reactive Glycosylation Intermediates. <i>Trends in Glycoscience and Glycotechnology</i> , 2012 , 24, 203-214	0.1	14
64	Synthesis of a TMG-chitotriomycin Precursor Based on Electrolyte-free Electrochemical Glycosylation Using an Ionic Liquid Tag. <i>Chemistry Letters</i> , 2017 , 46, 683-685	1.7	13
63	Automated Electrochemical Assembly of the α (1,3)- α (1,6)-Glucan Hexasaccharide Using Thioglucoside Building Blocks. <i>Asian Journal of Organic Chemistry</i> , 2018 , 7, 1802-1805	3	13
62	Electrochemical Methods as Enabling Tools for Glycosylation. <i>Asian Journal of Organic Chemistry</i> , 2018 , 7, 1719-1729	3	13
61	Generation of pyridyl coordinated organosilicon cation pool by oxidative Si-Si bond dissociation. <i>Beilstein Journal of Organic Chemistry</i> , 2007 , 3, 7	2.5	13
60	Recent Progress on Nazarov Cyclizations: The Use of Iron Salts as Catalysts in Ionic Liquid Solvent Systems. <i>Chemical Record</i> , 2016 , 16, 1676-89	6.6	13
59	Synthesis of gem-Difluoromethylene Containing Cycloalkenes via the Ring-Opening Reaction of gem-Difluorocyclopropanes and Subsequent RCM Reaction. <i>Journal of Organic Chemistry</i> , 2019 , 84, 5440-5449 ¹²	4.2	12
58	The Büchli Effect on the Memory of Chirality in Friedel-Crafts Alkylation Using Chiral Aryl Alcohols. <i>Organic Letters</i> , 2015 , 17, 3182-5	6.2	12

57	Electrochemical Glycosylation as an Enabling Tool for the Stereoselective Synthesis of Cyclic Oligosaccharides. <i>ChemistryOpen</i> , 2019 , 8, 869-872	2.3	12
56	Iron-Catalyzed Nazarov Reaction of Indole, Benzofuran, and Benzo[b]thiophene Derivatives. <i>Heteroatom Chemistry</i> , 2014 , 25, 482-491	1.2	12
55	Indirect Cation-Flow Method: Flash Generation of Alkoxy-carbenium Ions and Studies on the Stability of Glycosyl Cations. <i>Angewandte Chemie</i> , 2011 , 123, 5259-5262	3.6	12
54	Synthesis and Reactions of 1,4-Anhydrogalactopyranose and 1,4-Anhydroarabinose: Steric and Electronic Limitations. <i>Helvetica Chimica Acta</i> , 2005 , 88, 2823-2831	2	12
53	Mixed-Electrolyte-Driven Stereoselective Electrochemical Glycosylation. <i>ChemElectroChem</i> , 2019 , 6, 4149-4152	4.5	11
52	Piperidinium-Based Ionic Liquids as an Electrolyte Solvent for Li-Ion Batteries: Effect of Number and Position of Oxygen Atom in Cation Side Chain on Electrolyte Property. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 070516	3.9	11
51	Total synthesis of Myc-IV(C16:0, S) via automated electrochemical assembly. <i>Carbohydrate Research</i> , 2020 , 492, 108018	2.9	10
50	Extraction of Polysaccharides from Japanese Cedar Using Phosphonate-Derived Polar Ionic Liquids Having Functional Groups. <i>Bulletin of the Chemical Society of Japan</i> , 2016 , 89, 879-886	5.1	10
49	Enhanced stability of the HFO ₂ electrolyte and reduced working voltage of a CB-RAM by an ionic liquid. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 6966-6969	7.1	10
48	Direct Extraction of Polysaccharides from Moso Bamboo (<i>Phyllostachys heterocycla</i>) Chips Using a Mixed Solvent System of an Amino Acid Ionic Liquid with Polar Aprotic Solvent. <i>Bulletin of the Chemical Society of Japan</i> , 2018 , 91, 398-404	5.1	9
47	Effects of the ether oxygen atom in alkyl side chains on the physical properties of piperidinium ionic liquids. <i>Faraday Discussions</i> , 2018 , 206, 523-534	3.6	9
46	Ionic-Liquid Tag with Multiple Functions in Electrochemical Glycosylation. <i>ChemElectroChem</i> , 2016 , 3, 2012-2016	4.3	9
45	Synthesis of Ionic Liquids Equipped with 2-Methoxyethoxymethyl/Methoxymethyl Groups Using a Simple Microreactor System. <i>Organic Process Research and Development</i> , 2014 , 18, 1367-1371	3.9	9
44	Enhanced Activity of a Lipase by the Coating with a Quaternary Ammonium Alkyl-PEG Sulfate Ionic Liquid and Cooperative Activation with an Amino Acid. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 8541-8545	8.3	9
43	Multiple Alkylation of Thiophene Derivatives with Simple and Extended Diarylcarbenium Ion Pools. <i>Electrochemistry</i> , 2013 , 81, 399-401	1.2	9
42	Design of Acyl Donor for Environmentally Benign Acylation of Cellulose Using an Ionic Liquid. <i>Australian Journal of Chemistry</i> , 2019 , 72, 61	1.2	9
41	Solvent Effect on Glycosylation 2017 , 59-77		8
40	Redox active dendronized polystyrenes equipped with peripheral triarylamines. <i>Beilstein Journal of Organic Chemistry</i> , 2014 , 10, 3097-103	2.5	8

39	Photovoltaic Properties of OPV Devices Using cis- and trans-2,5-Diarylfulleropyrrolidines as Acceptor Partners with P3HT on an ITO Electrode with or without PEDOT:PSS. <i>Chemistry Letters</i> , 2013 , 42, 1209-1211	1.7	8
38	Recent Progress of Chemical Glycosylations and Oligosaccharide Synthesis. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2014 , 72, 797-807	0.2	8
37	Generation, Characterization, and Reactions of Thionium Ions Based on the Indirect Cation Pool Method. <i>Bulletin of the Chemical Society of Japan</i> , 2016 , 89, 61-66	5.1	7
36	Electrochemical Conversion of Thioglycosides to Glycosyl Triflates. <i>Trends in Glycoscience and Glycotechnology</i> , 2008 , 20, 175-185	0.1	7
35	2-Pyridyldimethylsilyl as a Removable Hydrophilic Group in Aqueous Diels-Alder Reactions. <i>Angewandte Chemie</i> , 2001 , 113, 1108-1110	3.6	7
34	Influence of chirality on the cyclohexene-fused C60 fullerene derivatives as an acceptor partner in a photovoltaic cell. <i>Green Energy and Environment</i> , 2016 , 1, 149-155	5.7	7
33	Enhanced activity and modified substrate-favoritism of Burkholderia cepacia lipase by the treatment with a pyridinium alkyl-PEG sulfate ionic liquid. <i>Tetrahedron</i> , 2019 , 75, 441-447	2.4	7
32	Electrochemical performance of Sn4P3 negative electrode for Na-ion batteries in ether-substituted ionic liquid electrolyte. <i>Journal of Electroanalytical Chemistry</i> , 2019 , 845, 66-71	4.1	6
31	Copper Ion-containing Ionic Liquids Provide Improved Endurance and Switching Voltage Distributions of Conducting-bridge Random Access Memory. <i>Chemistry Letters</i> , 2015 , 44, 1578-1580	1.7	6
30	Visible-Light-Driven Direct 2,2-Difluoroacetylation Using an Organic Pigment Catalyst. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 6533-6542	8.3	5
29	Improved performance of a conducting-bridge random access memory using ionic liquids. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 7215-7222	7.1	5
28	From Electrochemical Glycosylation to A Sugar Machine. <i>Trends in Glycoscience and Glycotechnology</i> , 2019 , 31, SE74-SE75	0.1	5
27	Oxo-Thiolation of Cationically Polymerizable Alkenes Using Flow Microreactors. <i>Chemistry - A European Journal</i> , 2019 , 25, 15239-15243	4.8	4
26	Design of quaternary ammonium type-ionic liquids as desiccants for an air-conditioning system. <i>Green Chemical Engineering</i> , 2020 , 1, 109-116	3	4
25	Improvement of switching endurance of conducting-bridge random access memory by addition of metal-ion-containing ionic liquid. <i>Japanese Journal of Applied Physics</i> , 2017 , 56, 04CE13	1.4	3
24	Significantly Improved Performance of a Conducting-bridge Random Access Memory (CB-RAM) Device Using Copper-containing Glyme Salt. <i>Chemistry Letters</i> , 2017 , 46, 1832-1835	1.7	3
23	From Chitin to CHILs: First Glucosamine based Ionic Liquids. <i>Asian Journal of Organic Chemistry</i> , 2020 , 9, 2092-2094	3	3
22	Kinetic and thermodynamic insights into the inhibitory mechanism of TMG-chitotriomycin on <i>Vibrio campbellii</i> GH20 exo- β -N-acetylglucosaminidase. <i>Carbohydrate Research</i> , 2021 , 499, 108201	2.9	3

21	Superior Electrochemical Performance of a NiB/Si Negative Electrode for Li-ion Batteries in an Ionic Liquid Electrolyte. <i>Chemistry Letters</i> , 2018 , 47, 1416-1419	1.7	3
20	Esterification of Carboxylic Acids with Alkyl Halides Using Electroreduction. <i>Electrochemistry</i> , 2015 , 83, 161-164	1.2	2
19	Aqueous Photo-Dimerization Using 2-Pyridylsilyl Group as a Removable Hydrophilic Group. <i>Chemistry Letters</i> , 2004 , 33, 596-597	1.7	2
18	Dicationic-Type Quaternary Ammonium Salts as Candidates of Desiccants for an Air-Conditioning System. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 14502-14514	8.3	2
17	Chemistry of Tertiary Carbon Center in the Formation of Congested C-O Ether Bonds. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 4329-4334	16.4	2
16	Synthesis of Oligosaccharides of Glucosamine by Automated Electrochemical Assembly. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2021 , 79, 839-848	0.2	2
15	3.?????????????????????????????????????. <i>Electrochemistry</i> , 2015 , 83, 472-476	1.2	1
14	Unique Photophysical Properties of 1,8-Naphthalimide Derivatives: Generation of Semi-stable Radical Anion Species by Photo-Induced Electron Transfer from a Carboxy Group. <i>ACS Omega</i> , 2021 , 6, 13456-13465	3.9	1
13	Electrochemical Assembly for Synthesis of Middle-Sized Organic Molecules. <i>Chemical Record</i> , 2021 , 21, 2389-2396	6.6	1
12	Paired Electrolysis 2021 , 209-223		1
11	Synthesis of cyclic β -1,4-oligo-N-acetylglucosamine β -cyclokasaodorin via a one-pot electrochemical polyglycosylation β -oligomerization β -cyclization process. <i>Chemical Communications</i> ,	5.8	1
10	Chemistry of Tertiary Carbon Center in the Formation of Congested C-O Ether Bonds. <i>Angewandte Chemie</i> , 2021 , 133, 4375-4380	3.6	0
9	Use of Ionic Liquids for Synthetic Organic Chemistry. <i>Oleoscience</i> , 2018 , 18, 165-174	0.1	
8	Chemical and Enzymatic Synthesis and Production of Glycans 2019 , 65-86		
7	From Electrochemical Glycosylation to A Sugar Machine. <i>Trends in Glycoscience and Glycotechnology</i> , 2019 , 31, SJ74-SJ75	0.1	
6	?10?????????????????????????3? ??????????????????. <i>Electrochemistry</i> , 2017 , 85, 754-758	1.2	
5	Electrochemical Synthesis of Oligosaccharides as Middle-Sized Molecules 2021 , 127-137		
4	Innentitelbild: Chemistry of Tertiary Carbon Center in the Formation of Congested C-O Ether Bonds (Angew. Chem. 8/2021). <i>Angewandte Chemie</i> , 2021 , 133, 3870-3870	3.6	

- 3 Control of the data-retention characteristics of ionic-liquid conducting-bridge memory by designing device structures based on corrosion mechanisms. *Applied Physics Express*, **2021**, 14, 084005 2.4
- 2 Electrochemical Activation of Glycosyl Donors **2021**, 313-326
- 1 Liquid-Solid Hybrid Memory Device Achieved by Unique Features of Ionic Liquids. *IEEE Access*, **2021**, 9, 71013-71021 3.5