

# Yoshimi Kanie

## List of Publications by Year in descending order

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27  
papers

591  
citations

759233

12  
h-index

580821

25  
g-index

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30  
docs citations

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times ranked

736  
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Modification of Porous Silica Particles with Carbohydrate Scaffolds as Receptor Components for Molecular Recognition. <i>ChemPlusChem</i> , 2022, , e202100563.	2.8	0
2	Surface Modification of Porous Silica Particles with Carbohydrate Scaffolds as Receptor Components for Molecular Recognition. <i>ChemPlusChem</i> , 2022, , e202200149.	2.8	0
3	Discrimination of cellular developmental states focusing on glycan transformation and membrane dynamics by using BODIPY-tagged lactosyl ceramides. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 3724-3733.	2.8	3
4	Stereoselective trimethylsilylation of $\alpha$ - and $\beta$ -galactopyranoses. <i>Carbohydrate Research</i> , 2019, 474, 51-56.	2.3	1
5	Structural analysis of a novel lipooligosaccharide (LOS) from <i>Rhodobacter azotoformans</i> . <i>Carbohydrate Research</i> , 2019, 473, 104-114.	2.3	6
6	A unique structural distribution pattern discovered for the cerebroside from starfish <i>Asterias amurensis</i> . <i>Carbohydrate Research</i> , 2019, 473, 115-122.	2.3	5
7	Evaluation of reversed-phase nano liquid chromatography conditions by using reversed-phase thin layer chromatography based on Hansen solubility parameters for the analysis of amphiphilic glycosylsphingolipid transformations. <i>Journal of Chromatography A</i> , 2018, 1534, 123-129.	3.7	4
8	Synthesis and structural investigation of a series of mannose-containing oligosaccharides using mass spectrometry. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 228-238.	2.8	3
9	Addressing the glycan complexity by using mass spectrometry: In the pursuit of decoding glycologic. <i>Biochemical Compounds</i> , 2017, 5, 3.	0.7	7
10	Ammonia decomposition by ruthenium nanoparticles loaded on inorganic electride C12A7:e <sup>-</sup> . <i>Chemical Science</i> , 2013, 4, 3124.	7.4	148
11	Reaction pathways of glucose and fructose on Pt nanoparticles in subcritical water under a hydrogen atmosphere. <i>Catalysis Today</i> , 2011, 178, 58-63.	4.4	27
12	Multi-stage mass spectrometric information obtained by deconvolution of energy-resolved spectra acquired by triple quadrupole mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 1617-1624.	1.5	2
13	Identification of Genes Required for Neural-Specific Glycosylation Using Functional Genomics. <i>PLoS Genetics</i> , 2010, 6, e1001254.	3.5	29
14	Analysis of pyridylaminated oligosaccharides using liquid chromatography-mass spectrometry with a monolithic capillary column. <i>Journal of Chromatography A</i> , 2009, 1216, 4121-4124.	3.7	4
15	Analysis of behavior of sodiated sugar hemiacetals under low-energy collision-induced dissociation conditions and application to investigating mutarotation and mechanism of a glycosidase. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2009, 85, 204-215.	3.8	10
16	Insight into the Regulation of Glycan Synthesis in <i>Drosophila</i> Choptin Based on Mass Spectrometry. <i>PLoS ONE</i> , 2009, 4, e5434.	2.5	18
17	Comparative RP-HPLC for rapid identification of glycopeptides and application in off-line LC-MALDI-MS analysis. <i>Carbohydrate Research</i> , 2008, 343, 758-768.	2.3	7
18	Sequential enzymatic glycosyltransfer reactions on a microfluidic device: Synthesis of a glycosaminoglycan linkage region tetrasaccharide. <i>Lab on A Chip</i> , 2008, 8, 2168.	6.0	16

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19	Syntheses of Model Compounds Related to an Antigenic Epitope in Pectic Polysaccharides from <i>Bupleurum falcatum</i> L. (II). <i>Chemical and Pharmaceutical Bulletin</i> , 2006, 54, 485-492.	1.3	11
20	Orthogonal Glycosylation Reactions on Solid Phase and Synthesis of a Library Consisting of a Complete Set of Fucosyl Galactose Isomers. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 3851-3854.	13.8	45
21	Electrophoretically mediated reaction of glycosidases at a nanoliter scale. <i>Electrophoresis</i> , 2003, 24, 1111-1118.	2.4	17
22	Electrophoretically mediated microscale reaction of glycosidases: kinetic analysis of some glycosidases at the nanoliter scale. <i>Carbohydrate Research</i> , 2002, 337, 1757-1762.	2.3	16
23	Syntheses of C-3-Modified Sialylglycosides as Selective Inhibitors of Influenza Hemagglutinin and Neuraminidase. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 2643-2653.	2.4	65
24	Synthesis and enzymatic evaluation of five-membered iminocyclitols and a pseudodisaccharide. <i>Bioorganic and Medicinal Chemistry</i> , 2000, 8, 2249-2261.	3.0	43
25	A Versatile Synthetic Strategy for the Preparation and Discovery of New Iminocyclitols as Inhibitors of Glycosidases. <i>Journal of Organic Chemistry</i> , 1999, 64, 5280-5291.	3.2	64
26	Enzymatic Assay of Galactosyltransferase by Capillary Electrophoresis. <i>Analytical Biochemistry</i> , 1998, 263, 240-245.	2.4	30
27	The use of a synthetic dideoxygenated pentasaccharide as a specific acceptor for N-acetylglucosaminyltransferase-III. <i>Carbohydrate Research</i> , 1993, 238, 339-344.	2.3	10