# Yoshimi Kanie

List of Publications by Year
in descending order



| 27 | 591 | 759233 12 | 580821 25 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 30 | 30 | 30 | 736 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Ammonia decomposition by ruthenium nanoparticles loaded on inorganic electride C12A7:eâ^. Chemical Science, 2013, 4, 3124. | 7.4 | 148 |
| 2 | Syntheses of C-3-Modified Sialylglycosides as Selective Inhibitors of Influenza Hemagglutinin and Neuraminidase. European Journal of Organic Chemistry, 2000, 2000, 2643-2653. | 2.4 | 65 |
| 3 | A Versatile Synthetic Strategy for the Preparation and Discovery of New Iminocyclitols as Inhibitors of Glycosidases. Journal of Organic Chemistry, 1999, 64, 5280-5291. | 3.2 | 64 |
| 4 | Orthogonal Glycosylation Reactions on Solid Phase and Synthesis of a Library Consisting of a Complete Set of Fucosyl Galactose Isomers. Angewandte Chemie - International Edition, 2006, 45, 3851-3854. | 13.8 | 45 |
| 5 | Synthesis and enzymatic evaluation of five-membered iminocyclitols and a pseudodisaccharide. Bioorganic and Medicinal Chemistry, 2000, 8, 2249-2261. | 3.0 | 43 |
| 6 | Enzymatic Assay of Galactosyltransferase by Capillary Electrophoresis. Analytical Biochemistry, 1998, 263, 240-245. | 2.4 | 30 |
| 7 | Identification of Genes Required for Neural-Specific Glycosylation Using Functional Genomics. PLoS Genetics, 2010, 6, e1001254. | 3.5 | 29 |
| 8 | Reaction pathways of glucose and fructose on Pt nanoparticles in subcritical water under a hydrogen atmosphere. Catalysis Today, 2011, 178, 58-63. | 4.4 | 27 |
| 9 | Insight into the Regulation of Glycan Synthesis in Drosophila Chaoptin Based on Mass Spectrometry. PLoS ONE, 2009, 4, e5434. | 2.5 | 18 |
| 10 | Electrophoretically mediated reaction of glycosidases at a nanoliter scale. Electrophoresis, 2003, 24, 1111-1118. | 2.4 | 17 |
| 11 | Electrophoretically mediated microscale reaction of glycosidases: kinetic analysis of some glycosidases at the nanoliter scale. Carbohydrate Research, 2002, 337, 1757-1762. | 2.3 | 16 |
| 12 | Sequential enzymatic glycosyltransfer reactions on a microfluidic device: Synthesis of a glycosaminoglycan linkage region tetrasaccharide. Lab on A Chip, 2008, 8, 2168. | 6.0 | 16 |
| 13 | Syntheses of Model Compounds Related to an Antigenic Epitope in Pectic Polysaccharides from Bupleurum falcatum L. (II). Chemical and Pharmaceutical Bulletin, 2006, 54, 485-492. | 1.3 | 11 |
| 14 | The use of a synthetic dideoxygenated pentasaccharide as a specific acceptor for N-acetylglucosaminyltransferase-III. Carbohydrate Research, 1993, 238, 339-344. | 2.3 | 10 |
| 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. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2009, 85, 204-215. | 3.8 | 10 |
| 16 | Comparative RP-HPLC for rapid identification of glycopeptides and application in off-line LC-MALDI-MS analysis. Carbohydrate Research, 2008, 343, 758-768. | 2.3 | 7 |
| 17 | Addressing the glycan complexity by using mass spectrometry: In the pursuit of decoding glycologic. Biochemical Compounds, 2017, 5, 3. | 0.7 | 7 |
| 18 | Structural analysis of a novel lipooligosaccharide (LOS) from Rhodobacter azotoformans. Carbohydrate Research, 2019, 473, 104-114. | 2.3 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | A unique structural distribution pattern discovered for the cerebrosides from starfish Asterias amurensis. Carbohydrate Research, 2019, 473, 115-122. | 2.3 | 5 |
| 20 | Analysis of pyridylaminated oligosaccharides using liquid chromatographyâ€“mass spectrometry with a monolithic capillary column. Journal of Chromatography A, 2009, 1216, 4121-4124. | 3.7 | 4 |
| 21 | 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. Journal of Chromatography A, 2018, 1534, 123-129. | 3.7 | 4 |
| 22 | Synthesis and structural investigation of a series of mannose-containing oligosaccharides using mass spectrometry. Organic and Biomolecular Chemistry, 2018, 16, 228-238. | 2.8 | 3 |
| 23 | Discrimination of cellular developmental states focusing on glycan transformation and membrane dynamics by using BODIPY-tagged lactosyl ceramides. Organic and Biomolecular Chemistry, 2020, 18, 3724-3733. | 2.8 | 3 |
| 24 | Multiâ€stage mass spectrometric information obtained by deconvolution of energyâ€resolved spectra acquired by tripleâ€quadrupole mass spectrometry. Rapid Communications in Mass Spectrometry, 2011, 25, 1617-1624. | 1.5 | 2 |
| 25 | Stereoselective trimethylsilylation of Î±- and Î²-galactopyranoses. Carbohydrate Research, 2019, 474, 51-56. | 2.3 | 1 |
| 26 | Surface Modification of Porous Silica Particles with Carbohydrate Scaffolds as Receptor Components for Molecular Recognition. ChemPlusChem, 2022, , e202100563. | 2.8 | 0 |
| 27 | Surface Modification of Porous Silica Particles with Carbohydrate Scaffolds as Receptor Components for Molecular Recognition. ChemPlusChem, 2022, , e202200149. | 2.8 | 0 |