

Monique van Scherpenzeel

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,771
citations

304743

22
h-index

377865

34
g-index

36
all docs

36
docs citations

36
times ranked

2820
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic tracing of sugar metabolism reveals the mechanisms of action of synthetic sugar analogs. <i>Glycobiology</i> , 2022, 32, 239-250.	2.5	15
2	Synergistic use of glycomics and single-molecule molecular inversion probes for identification of congenital disorders of glycosylation type I. <i>Journal of Inherited Metabolic Disease</i> , 2022, 45, 769-781.	3.6	7
3	Structure-Activity Relationship of Fluorinated Sialic Acid Inhibitors for Bacterial Sialylation. <i>Bioconjugate Chemistry</i> , 2021, 32, 1047-1051.	3.6	5
4	Phosphoglucomutase-1 deficiency: Early presentation, metabolic management and detection in neonatal blood spots. <i>Molecular Genetics and Metabolism</i> , 2020, 131, 135-146.	1.1	14
5	Screening for abnormal glycosylation in a cohort of adult liver disease patients. <i>Journal of Inherited Metabolic Disease</i> , 2020, 43, 1310-1320.	3.6	6
6	Cytidine Diphosphate-Ribitol Analysis for Diagnostics and Treatment Monitoring of Cytidine Diphosphate-l-Ribitol Pyrophosphorylase A Muscular Dystrophy. <i>Clinical Chemistry</i> , 2019, 65, 1295-1306.	3.2	11
7	Combined sialic acid and histone deacetylase (HDAC) inhibitor treatment up-regulates the neuroblastoma antigen GD2. <i>Journal of Biological Chemistry</i> , 2019, 294, 4437-4449.	3.4	20
8	Activity of N-acylneuraminase-9-phosphatase (NANP) is not essential for de novo sialic acid biosynthesis. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 1471-1479.	2.4	18
9	Clinical glycomics for the diagnosis of congenital disorders of glycosylation. <i>Journal of Inherited Metabolic Disease</i> , 2018, 41, 499-513.	3.6	44
10	NAFLD Phenotype in Patients With V-ATPase Proton Pump Assembly Defects. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2018, 5, 415-417.e1.	4.5	0
11	Unraveling the unknown areas of the human metabolome: the role of infrared ion spectroscopy. <i>Journal of Inherited Metabolic Disease</i> , 2018, 41, 367-377.	3.6	44
12	Intact transferrin and total plasma glycoprofiling for diagnosis and therapy monitoring in phosphoglucomutase-I deficiency. <i>Translational Research</i> , 2018, 199, 62-76.	5.0	22
13	Integrating glycomics and genomics uncovers SLC10A7 as essential factor for bone mineralization by regulating post-Golgi protein transport and glycosylation. <i>Human Molecular Genetics</i> , 2018, 27, 3029-3045.	2.9	37
14	Sialic acid catabolism by N-acetylneuraminase pyruvate lyase is essential for muscle function. <i>JCI Insight</i> , 2018, 3, .	5.0	36
15	Mutations in ATP6V1E1 or ATP6V1A Cause Autosomal-Recessive Cutis Laxa. <i>American Journal of Human Genetics</i> , 2017, 100, 216-227.	6.2	82
16	Oral D-galactose supplementation in PGM1-CDG. <i>Genetics in Medicine</i> , 2017, 19, 1226-1235.	2.4	55
17	Fast, robust and high-resolution glycosylation profiling of intact monoclonal IgG antibodies using nanoLC-chip-QTOF. <i>Clinica Chimica Acta</i> , 2016, 461, 90-97.	1.1	20
18	Galectin-3 Binding Glycomimetics that Strongly Reduce Bleomycin-Induced Lung Fibrosis and Modulate Intracellular Glycan Recognition. <i>ChemBioChem</i> , 2016, 17, 1759-1770.	2.6	145

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19	ATP6AP1 deficiency causes an immunodeficiency with hepatopathy, cognitive impairment and abnormal protein glycosylation. <i>Nature Communications</i> , 2016, 7, 11600.	12.8	110
20	CCDC115 Deficiency Causes a Disorder of Golgi Homeostasis with Abnormal Protein Glycosylation. <i>American Journal of Human Genetics</i> , 2016, 98, 310-321.	6.2	88
21	TMEM199 Deficiency Is a Disorder of Golgi Homeostasis Characterized by Elevated Aminotransferases, Alkaline Phosphatase, and Cholesterol and Abnormal Glycosylation. <i>American Journal of Human Genetics</i> , 2016, 98, 322-330.	6.2	73
22	Clinical diagnostics and therapy monitoring in the congenital disorders of glycosylation. <i>Glycoconjugate Journal</i> , 2016, 33, 345-358.	2.7	56
23	Human ISPD Is a Cytidyltransferase Required for Dystroglycan O-Mannosylation. <i>Chemistry and Biology</i> , 2015, 22, 1643-1652.	6.0	67
24	A common sugar nucleotide-mediated mechanism of inhibition of (glycosamino)glycan biosynthesis, as evidenced by 6Fâ€‰GalNAc (Ac ₃). <i>FASEB Journal</i> , 2015, 29, 2993-3002.	0.5	31
25	High-resolution mass spectrometry glycoprofiling of intact transferrin for diagnosis and subtype identification in the congenital disorders of glycosylation. <i>Translational Research</i> , 2015, 166, 639-649.e1.	5.0	73
26	Diagnostic serum glycosylation profile in patients with intellectual disability as a result of MAN1B1 deficiency. <i>Brain</i> , 2014, 137, 1030-1038.	7.6	41
27	Successful Liver Transplantation and Long-Term Follow-up in a Patient With MPI-CDG. <i>Pediatrics</i> , 2014, 134, e279-e283.	2.1	48
28	Multiple Phenotypes in Phosphoglucomutase 1 Deficiency. <i>New England Journal of Medicine</i> , 2014, 370, 533-542.	27.0	236
29	A compound heterozygous mutation in DPAGT1 results in a congenital disorder of glycosylation with a relatively mild phenotype. <i>European Journal of Human Genetics</i> , 2013, 21, 844-849.	2.8	25
30	Mutations in GDP-Mannose Pyrophosphorylase B Cause Congenital and Limb-Girdle Muscular Dystrophies Associated with Hypoglycosylation of Î±-Dystroglycan. <i>American Journal of Human Genetics</i> , 2013, 93, 29-41.	6.2	197
31	Protein enrichment by capture-release based on strain-promoted cycloaddition of azide with bicyclononyne (BCN). <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 655-661.	3.0	8
32	Nanomolar affinity, iminosugar-based chemical probes for specific labeling of lysosomal glucocerebrosidase. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 267-273.	3.0	24
33	Synthesis and Evaluation of New Thiodigalactoside-Based Chemical Probes to Label Galectin-3. <i>ChemBioChem</i> , 2009, 10, 1724-1733.	2.6	36
34	Detection of galectin-3 by novel peptidic photoprobes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 376-378.	2.2	19
35	A new chemical probe for the detection of the cancer-linked galectin-3. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 4387.	2.8	52