

# Marten F Snel

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42  
papers

1,049  
citations

14  
h-index

32  
g-index

45  
ext. papers

1,173  
ext. citations

5.2  
avg, IF

4.08  
L-index

#	Paper	IF	Citations
42	Unravelling Prostate Cancer Heterogeneity Using Spatial Approaches to Lipidomics and Transcriptomics.. <i>Cancers</i> , <b>2022</b> , 14,	6.6	0
41	FAST-IT: ind imple est - n IA (transient ischaemic attack): a prospective cohort study to develop a multivariable prediction model for diagnosis of TIA through proteomic discovery and candidate lipid mass spectrometry, neuroimaging and machine learning-study protocol.. <i>BMJ Open</i> , <b>2022</b> , 12, e045908	3	3
40	MUCOPOLYSACCHARIDOSIS II (MPS II) IN A FREE-LIVING KAKA (NESTOR MERIDIONALIS) IN NEW ZEALAND. <i>Journal of Wildlife Diseases</i> , <b>2021</b> , 57, 884-890	1.3	1
39	Increased Alveolar Heparan Sulphate and Reduced Pulmonary Surfactant Amount and Function in the Mucopolysaccharidosis IIIA Mouse. <i>Cells</i> , <b>2021</b> , 10,	7.9	3
38	To Make or Take: Bacterial Lipid Homeostasis during Infection. <i>MBio</i> , <b>2021</b> , 12, e0092821	7.8	9
37	Reciprocal signaling between mTORC1 and MNK2 controls cell growth and oncogenesis. <i>Cellular and Molecular Life Sciences</i> , <b>2021</b> , 78, 249-270	10.3	5
36	Is SGSH heterozygosity a risk factor for early-onset neurodegenerative disease?. <i>Journal of Inherited Metabolic Disease</i> , <b>2021</b> , 44, 763-776	5.4	1
35	Removal of optimal cutting temperature (O.C.T.) compound from embedded tissue for MALDI imaging of lipids. <i>Analytical and Bioanalytical Chemistry</i> , <b>2021</b> , 413, 2695-2708	4.4	7
34	The role of oxidised self-lipids and alveolar macrophage CD1b expression in COPD. <i>Scientific Reports</i> , <b>2021</b> , 11, 4106	4.9	4
33	Lipidomic Profiling of Clinical Prostate Cancer Reveals Targetable Alterations in Membrane Lipid Composition. <i>Cancer Research</i> , <b>2021</b> , 81, 4981-4993	10.1	8
32	Developing a multivariable prediction model for functional outcome after reperfusion therapy for acute ischaemic stroke: study protocol for the Targeting Optimal Thrombolysis Outcomes (TOTO) multicentre cohort study. <i>BMJ Open</i> , <b>2020</b> , 10, e038180	3	1
31	AAVrh10 Vector Corrects Disease Pathology in MPS IIIA Mice and Achieves Widespread Distribution of SGSH in Large Animal Brains. <i>Molecular Therapy - Methods and Clinical Development</i> , <b>2020</b> , 17, 174-187	6.4	10
30	Is the eye a window to the brain in Sanfilippo syndrome?. <i>Acta Neuropathologica Communications</i> , <b>2020</b> , 8, 194	7.3	1
29	Evaluation of Disease Lesions in the Developing Canine MPS IIIA Brain. <i>JIMD Reports</i> , <b>2019</b> , 43, 91-101	1.9	6
28	Synthetic Disaccharide Standards Enable Quantitative Analysis of Stored Heparan Sulfate in MPS IIIA Murine Brain Regions. <i>ACS Chemical Neuroscience</i> , <b>2019</b> , 10, 3847-3858	5.7	5
27	Evaluation of Small Molecule Drug Uptake in Patient-Derived Prostate Cancer Explants by Mass Spectrometry. <i>Scientific Reports</i> , <b>2019</b> , 9, 15008	4.9	10
26	Ion Mobility Separation Mass Spectrometry Imaging. <i>Comprehensive Analytical Chemistry</i> , <b>2019</b> , 237-257	1.9	2

25	Neuronal-specific impairment of heparan sulfate degradation in <i>Drosophila</i> reveals pathogenic mechanisms for Mucopolysaccharidosis type IIIA. <i>Experimental Neurology</i> , <b>2018</b> , 303, 38-47	5.7	11
24	Eukaryotic elongation factor 2 kinase upregulates the expression of proteins implicated in cell migration and cancer cell metastasis. <i>International Journal of Cancer</i> , <b>2018</b> , 142, 1865-1877	7.5	22
23	Synthesis and mass spectrometric analysis of disaccharides from methanolysis of heparan sulfate. <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 16, 8791-8803	3.9	5
22	Lysosomal N-acetyltransferase interacts with ALIX and is detected in extracellular vesicles. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2018</b> , 1865, 1451-1464	4.9	5
21	Slow, continuous enzyme replacement via spinal CSF in dogs with the paediatric-onset neurodegenerative disease, MPS IIIA. <i>Journal of Inherited Metabolic Disease</i> , <b>2017</b> , 40, 443-453	5.4	11
20	A novel conditional Sgsh knockout mouse model recapitulates phenotypic and neuropathic deficits of Sanfilippo syndrome. <i>Journal of Inherited Metabolic Disease</i> , <b>2017</b> , 40, 715-724	5.4	8
19	Inbred Mouse Populations Exhibit Intergenerational Changes in Intestinal Microbiota Composition and Function Following Introduction to a Facility. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 608	5.7	15
18	Low-dose, continual enzyme delivery ameliorates some aspects of established brain disease in a mouse model of a childhood-onset neurodegenerative disorder. <i>Experimental Neurology</i> , <b>2016</b> , 278, 11-21	5.7	11
17	Small molecule MALDI MS imaging: Current technologies and future challenges. <i>Methods</i> , <b>2016</b> , 104, 127-41	4.6	54
16	Glycosphingolipid analysis in a naturally occurring ovine model of acute neuronopathic Gaucher disease. <i>Neurobiology of Disease</i> , <b>2016</b> , 91, 143-54	7.5	12
15	Low-dose, continuous enzyme replacement therapy ameliorates brain pathology in the neurodegenerative lysosomal disorder mucopolysaccharidosis type IIIA. <i>Journal of Neurochemistry</i> , <b>2016</b> , 137, 409-22	6	13
14	Determination of the role of injection site on the efficacy of intra-CSF enzyme replacement therapy in MPS IIIA mice. <i>Molecular Genetics and Metabolism</i> , <b>2015</b> , 115, 33-40	3.7	20
13	Evaluation of enzyme dose and dose-frequency in ameliorating substrate accumulation in MPS IIIA Huntaway dog brain. <i>Journal of Inherited Metabolic Disease</i> , <b>2015</b> , 38, 341-50	5.4	17
12	Butanolysis derivatization: improved sensitivity in LC-MS/MS quantitation of heparan sulfate in urine from mucopolysaccharidosis patients. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 9243-50	7.8	32
11	Delivery of therapeutic protein for prevention of neurodegenerative changes: comparison of different CSF-delivery methods. <i>Experimental Neurology</i> , <b>2015</b> , 263, 79-90	5.7	24
10	Disease stage determines the efficacy of treatment of a paediatric neurodegenerative disease. <i>European Journal of Neuroscience</i> , <b>2014</b> , 39, 2139-50	3.5	12
9	A simple method for early age phenotype confirmation using toe tissue from a mouse model of MPS IIIA. <i>Rapid Communications in Mass Spectrometry</i> , <b>2014</b> , 28, 933-8	2.2	25
8	High-spatial resolution matrix-assisted laser desorption ionization imaging analysis of glucosylceramide in spleen sections from a mouse model of Gaucher disease. <i>Analytical Chemistry</i> , <b>2010</b> , 82, 3664-70	7.8	32

7	Novel molecular tumour classification using MALDI-mass spectrometry imaging of tissue micro-array. <i>Analytical and Bioanalytical Chemistry</i> , <b>2010</b> , 397, 587-601	4.4	103
6	On-tissue protein identification and imaging by MALDI-ion mobility mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2010</b> , 21, 338-47	3.5	164
5	Detergent addition to tryptic digests and ion mobility separation prior to MS/MS improves peptide yield and protein identification for in situ proteomic investigation of frozen and formalin-fixed paraffin-embedded adenocarcinoma tissue sections. <i>Proteomics</i> , <b>2009</b> , 9, 2750-63	4.8	95
4	MALDI-ion mobility separation-mass spectrometry imaging of glucose-regulated protein 78 kDa (Grp78) in human formalin-fixed, paraffin-embedded pancreatic adenocarcinoma tissue sections. <i>Journal of Proteome Research</i> , <b>2009</b> , 8, 4876-84	5.6	104
3	Matrix-assisted laser desorption/ionization-ion mobility separation-mass spectrometry imaging of vinblastine in whole body tissue sections. <i>Analytical Chemistry</i> , <b>2008</b> , 80, 8628-34	7.8	171
2	Parallel post-source decay for increasing protein identification confidence levels from 2-D gels. <i>Proteomics</i> , <b>2008</b> , 8, 1771-9	4.8	1
1	MALDI-QTOFMS/MS identification of glycoforms from the urine of a CDG patient. <i>Carbohydrate Research</i> , <b>2008</b> , 343, 2172-83	2.9	9