

# Masha G Savelieff

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/275139/publications.pdf>

Version: 2024-02-01

26  
papers

1,980  
citations

516710

16  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2775  
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards an understanding of amyloid- $\beta$ oligomers: characterization, toxicity mechanisms, and inhibitors. <i>Chemical Society Reviews</i> , 2017, 46, 310-323.	38.1	405
2	Untangling Amyloid- $\beta$ , Tau, and Metals in Alzheimer's Disease. <i>ACS Chemical Biology</i> , 2013, 8, 856-865.	3.4	329
3	IDH1-R132H acts as a tumor suppressor in glioma via epigenetic up-regulation of the DNA damage response. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	169
4	Rational Design of a Structural Framework with Potential Use to Develop Chemical Reagents That Target and Modulate Multiple Facets of Alzheimer's Disease. <i>Journal of the American Chemical Society</i> , 2014, 136, 299-310.	13.7	166
5	The Ongoing Search for Small Molecules to Study Metal-Associated Amyloid- $\beta$ Species in Alzheimer's Disease. <i>Accounts of Chemical Research</i> , 2014, 47, 2475-2482.	15.6	149
6	Emerging insights into the complex genetics and pathophysiology of amyotrophic lateral sclerosis. <i>Lancet Neurology</i> , The, 2022, 21, 465-479.	10.2	130
7	Recent advances in the diagnosis and prognosis of amyotrophic lateral sclerosis. <i>Lancet Neurology</i> , The, 2022, 21, 480-493.	10.2	124
8	COVID-19 and Diabetes: A Collision and Collusion of Two Diseases. <i>Diabetes</i> , 2020, 69, 2549-2565.	0.6	91
9	Untargeted metabolomics yields insight into ALS disease mechanisms. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 1329-1338.	1.9	51
10	Temporal evolution of the microbiome, immune system, and epigenome with disease progression in ALS mice. <i>DMM Disease Models and Mechanisms</i> , 2019, 13, .	2.4	50
11	A small molecule that displays marked reactivity toward copper versus zinc amyloid- $\beta$ implicated in Alzheimer's disease. <i>Chemical Communications</i> , 2014, 50, 5301-5303.	4.1	49
12	Stem cell treatments for amyotrophic lateral sclerosis: a critical overview of early phase trials. <i>Expert Opinion on Investigational Drugs</i> , 2019, 28, 525-543.	4.1	41
13	The emerging role of dyslipidemia in diabetic microvascular complications. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2020, 27, 115-123.	2.3	39
14	Disorders of mitochondrial dynamics in peripheral neuropathy: Clues from hereditary neuropathy and diabetes. <i>International Review of Neurobiology</i> , 2019, 145, 127-176.	2.0	31
15	Plasma lipid metabolites associate with diabetic polyneuropathy in a cohort with type 2 diabetes. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 1292-1307.	3.7	27
16	Sex differences in insulin resistance, but not peripheral neuropathy, in a diet-induced prediabetes mouse model. <i>DMM Disease Models and Mechanisms</i> , 2021, 14, .	2.4	22
17	The current status of avian aspergillosis diagnoses: Veterinary practice to novel research avenues. <i>Veterinary Clinical Pathology</i> , 2018, 47, 342-362.	0.7	20
18	Differential Effects of Empagliflozin on Microvascular Complications in Murine Models of Type 1 and Type 2 Diabetes. <i>Biology</i> , 2020, 9, 347.	2.8	19

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19	Plasma Metabolomics and Lipidomics Differentiate Obese Individuals by Peripheral Neuropathy Status. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 1091-1109.	3.6	17
20	Novel cutting-edge metabolite-based diagnostic tools for aspergillosis. <i>PLoS Pathogens</i> , 2017, 13, e1006486.	4.7	14
21	Nox, Nox, Are You There? The Role of NADPH Oxidases in the Peripheral Nervous System. <i>Antioxidants and Redox Signaling</i> , 2022, 37, 613-630.	5.4	11
22	Calprotectin influences the aggregation of metal-free and metal-bound amyloid- $\beta$ by direct interaction. <i>Metallomics</i> , 2018, 10, 1116-1127.	2.4	10
23	Bioinformatics Analysis of Metabolomics Data Unveils Association of Metabolic Signatures with Methylation in Breast Cancer. <i>Journal of Proteome Research</i> , 2020, 19, 2879-2889.	3.7	7
24	Differential effects of minocycline on microvascular complications in murine models of type 1 and type 2 diabetes. <i>Journal of Translational Science</i> , 2021, 7, .	0.2	4
25	Systems Biology to Address Unmet Medical Needs in Neurological Disorders. <i>Methods in Molecular Biology</i> , 2022, 2486, 247-276.	0.9	4
26	Immune-mediated vincristine-induced neuropathy: Unlocking therapies. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	1