

# John Mach

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5696315/publications.pdf>

Version: 2024-02-01

24  
papers

489  
citations

758635

12  
h-index

713013

21  
g-index

25  
all docs

25  
docs citations

25  
times ranked

769  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrastructure of the liver microcirculation influences hepatic and systemic insulin activity and provides a mechanism for age-related insulin resistance. <i>Aging Cell</i> , 2016, 15, 706-715.	3.0	60
2	Adverse Geriatric Outcomes Secondary to Polypharmacy in a Mouse Model: The Influence of Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 571-577.	1.7	59
3	Animal models of frailty: current applications in clinical research. <i>Clinical Interventions in Aging</i> , 2016, Volume 11, 1519-1529.	1.3	46
4	Disulfiram Treatment Normalizes Body Weight in Obese Mice. <i>Cell Metabolism</i> , 2020, 32, 203-214.e4.	7.2	46
5	Chronic Polypharmacy with Increasing Drug Burden Index Exacerbates Frailty and Impairs Physical Function, with Effects Attenuated by Deprescribing, in Aged Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1010-1018.	1.7	39
6	Acetaminophen hepatotoxicity in mice: Effect of age, frailty and exposure type. <i>Experimental Gerontology</i> , 2016, 73, 95-106.	1.2	33
7	A Comparison of Two Mouse Frailty Assessment Tools. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, 904-909.	1.7	32
8	Factors that Impact on Interrater Reliability of the Mouse Clinical Frailty Index. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 694-695.	1.7	19
9	Interactions Between the Aging Gut Microbiome and Common Geriatric Giants: Polypharmacy, Frailty, and Dementia. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1019-1028.	1.7	19
10	The effect of ageing on isoniazid pharmacokinetics and hepatotoxicity in Fischer 344 rats. <i>Fundamental and Clinical Pharmacology</i> , 2016, 30, 23-34.	1.0	17
11	The Effect of Aging on Acetaminophen Pharmacokinetics, Toxicity and Nrf2 in Fischer 344 Rats. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69, 387-397.	1.7	15
12	Male-Female Differences in the Effects of Age on Performance Measures Recorded for 23 Hours in Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 2141-2146.	1.7	15
13	Polypharmacy Results in Functional Impairment in Mice: Novel Insights Into Age and Sex Interactions. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1748-1756.	1.7	13
14	Elucidating the mechanisms by which disulfiram protects against obesity and metabolic syndrome. <i>Npj Aging and Mechanisms of Disease</i> , 2020, 6, 8.	4.5	12
15	Acetyl cysteine does not prevent liver toxicity from chronic low-dose plus subacute high-dose paracetamol exposure in young or old mice. <i>Fundamental and Clinical Pharmacology</i> , 2016, 30, 263-275.	1.0	10
16	The effect of aging on mitochondrial and cytosolic hepatic intrinsic death pathway and apoptosis associated proteins in Fischer 344 rats. <i>Experimental Gerontology</i> , 2015, 67, 54-61.	1.2	9
17	Preclinical frailty assessments: Phenotype and frailty index identify frailty in different mice and are variably affected by chronic medications. <i>Experimental Gerontology</i> , 2022, 161, 111700.	1.2	8
18	Comparing Effects of Polypharmacy on Inflammatory Profiles in Older Adults and Mice: Implications for Translational Aging Research. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 1295-1303.	1.7	8

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19	Fall-related mortality trends in Australia and the United Kingdom: Implications for research and practice. <i>Maturitas</i> , 2020, 142, 68-72.	1.0	7
20	Quantification of serum levels in mice of seven drugs (and six metabolites) commonly taken by older people with polypharmacy. <i>Fundamental and Clinical Pharmacology</i> , 2021, 35, 410-422.	1.0	7
21	Nationwide mortality trends of delirium in Australia and the United States from 2006 to 2016. <i>Australasian Journal on Ageing</i> , 2021, 40, .	0.4	7
22	Diurnal effects of polypharmacy with high drug burden index on physical activities over 23Âh differ with age and sex. <i>Scientific Reports</i> , 2022, 12, 2168.	1.6	7
23	Applying the AFRAID and FRIGHT clocks to novel preclinical mouse models of polypharmacy. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, , .	1.7	1
24	Translational Gerontology Research to Understand the Effects of Medications in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1007-1009.	1.7	0