

# Marissa J Schafer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3099242/publications.pdf>

Version: 2024-02-01

27  
papers

3,927  
citations

304743

22  
h-index

526287

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

5363  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular senescence mediates fibrotic pulmonary disease. <i>Nature Communications</i> , 2017, 8, 14532.	12.8	1,008
2	Chronic senolytic treatment alleviates established vasomotor dysfunction in aged or atherosclerotic mice. <i>Aging Cell</i> , 2016, 15, 973-977.	6.7	540
3	Targeting senescent cells alleviates obesity-induced metabolic dysfunction. <i>Aging Cell</i> , 2019, 18, e12950.	6.7	395
4	Obesity-Induced Cellular Senescence Drives Anxiety and Impairs Neurogenesis. <i>Cell Metabolism</i> , 2019, 29, 1061-1077.e8.	16.2	293
5	Whole-body senescent cell clearance alleviates age-related brain inflammation and cognitive impairment in mice. <i>Aging Cell</i> , 2021, 20, e13296.	6.7	186
6	Exercise Prevents Diet-Induced Cellular Senescence in Adipose Tissue. <i>Diabetes</i> , 2016, 65, 1606-1615.	0.6	185
7	Quantification of GDF11 and Myostatin in Human Aging and Cardiovascular Disease. <i>Cell Metabolism</i> , 2016, 23, 1207-1215.	16.2	176
8	The senescence-associated secretome as an indicator of age and medical risk. <i>JCI Insight</i> , 2020, 5, .	5.0	175
9	Association of Infant Antibiotic Exposure With Childhood Health Outcomes. <i>Mayo Clinic Proceedings</i> , 2021, 96, 66-77.	3.0	110
10	Disease drivers of aging. <i>Annals of the New York Academy of Sciences</i> , 2016, 1386, 45-68.	3.8	97
11	Calorie restriction slows age-related microbiota changes in an Alzheimer's disease model in female mice. <i>Scientific Reports</i> , 2019, 9, 17904.	3.3	86
12	Circulating levels of monocyte chemoattractant protein-1 as a potential measure of biological age in mice and frailty in humans. <i>Aging Cell</i> , 2018, 17, e12706.	6.7	77
13	Targeting Senescent Cells in Fibrosis: Pathology, Paradox, and Practical Considerations. <i>Current Rheumatology Reports</i> , 2018, 20, 3.	4.7	74
14	Reduction of $\beta$ -amyloid and $\beta$ -secretase by calorie restriction in female Tg2576 mice. <i>Neurobiology of Aging</i> , 2015, 36, 1293-1302.	3.1	73
15	Cellular senescence: Implications for metabolic disease. <i>Molecular and Cellular Endocrinology</i> , 2017, 455, 93-102.	3.2	63
16	Calorie Restriction Suppresses Age-Dependent Hippocampal Transcriptional Signatures. <i>PLoS ONE</i> , 2015, 10, e0133923.	2.5	62
17	Characterization of cellular senescence in aging skeletal muscle. <i>Nature Aging</i> , 2022, 2, 601-615.	11.6	61
18	Exercise reduces circulating biomarkers of cellular senescence in humans. <i>Aging Cell</i> , 2021, 20, e13415.	6.7	47

#	ARTICLE	IF	CITATIONS
19	High fat diet and exercise lead to a disrupted and pathogenic DNA methylome in mouse liver. <i>Epigenetics</i> , 2017, 12, 55-69.	2.7	40
20	Energetic interventions for healthspan and resiliency with aging. <i>Experimental Gerontology</i> , 2016, 86, 73-83.	2.8	39
21	The Impact of Frailty on Patient-Centered Outcomes Following Aortic Valve Replacement. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, 917-921.	3.6	36
22	Loss of Ovarian Hormones and Accelerated Somatic and Mental Aging. <i>Physiology</i> , 2018, 33, 374-383.	3.1	35
23	The influence of GDF11 on brain fate and function. <i>GeroScience</i> , 2019, 41, 1-11.	4.6	28
24	Plasma Sphingolipids are Associated With Gait Parameters in the Mayo Clinic Study of Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 960-965.	3.6	19
25	Late-life time-restricted feeding and exercise differentially alter healthspan in obesity. <i>Aging Cell</i> , 2019, 18, e12966.	6.7	13
26	Effect of menopausal hormone therapy on proteins associated with senescence and inflammation. <i>Physiological Reports</i> , 2020, 8, e14535.	1.7	5
27	Harnessing the effects of endurance exercise to optimize cognitive health: Fundamental insights from Dr. Mark P. Mattson. <i>Ageing Research Reviews</i> , 2020, 64, 101147.	10.9	4