

# 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  | Characterization of cellular senescence in aging skeletal muscle. <i>Nature Aging</i> , 2022, 2, 601-615.                                                                                           | 11.6 | 61        |
| 2  | Association of Infant Antibiotic Exposure With Childhood Health Outcomes. <i>Mayo Clinic Proceedings</i> , 2021, 96, 66-77.                                                                         | 3.0  | 110       |
| 3  | 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       |
| 4  | Exercise reduces circulating biomarkers of cellular senescence in humans. <i>Aging Cell</i> , 2021, 20, e13415.                                                                                     | 6.7  | 47        |
| 5  | 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         |
| 6  | Effect of menopausal hormone therapy on proteins associated with senescence and inflammation. <i>Physiological Reports</i> , 2020, 8, e14535.                                                       | 1.7  | 5         |
| 7  | The senescence-associated secretome as an indicator of age and medical risk. <i>JCI Insight</i> , 2020, 5, .                                                                                        | 5.0  | 175       |
| 8  | Late-life time-restricted feeding and exercise differentially alter healthspan in obesity. <i>Aging Cell</i> , 2019, 18, e12966.                                                                    | 6.7  | 13        |
| 9  | Targeting senescent cells alleviates obesity-induced metabolic dysfunction. <i>Aging Cell</i> , 2019, 18, e12950.                                                                                   | 6.7  | 395       |
| 10 | The influence of GDF11 on brain fate and function. <i>GeroScience</i> , 2019, 41, 1-11.                                                                                                             | 4.6  | 28        |
| 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 | Obesity-Induced Cellular Senescence Drives Anxiety and Impairs Neurogenesis. <i>Cell Metabolism</i> , 2019, 29, 1061-1077.e8.                                                                       | 16.2 | 293       |
| 13 | Targeting Senescent Cells in Fibrosis: Pathology, Paradox, and Practical Considerations. <i>Current Rheumatology Reports</i> , 2018, 20, 3.                                                         | 4.7  | 74        |
| 14 | 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        |
| 15 | 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        |
| 16 | Loss of Ovarian Hormones and Accelerated Somatic and Mental Aging. <i>Physiology</i> , 2018, 33, 374-383.                                                                                           | 3.1  | 35        |
| 17 | Cellular senescence mediates fibrotic pulmonary disease. <i>Nature Communications</i> , 2017, 8, 14532.                                                                                             | 12.8 | 1,008     |
| 18 | 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        |

| #  | 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 | Cellular senescence: Implications for metabolic disease. <i>Molecular and Cellular Endocrinology</i> , 2017, 455, 93-102.                              | 3.2  | 63        |
| 21 | Disease drivers of aging. <i>Annals of the New York Academy of Sciences</i> , 2016, 1386, 45-68.                                                       | 3.8  | 97        |
| 22 | Chronic senolytic treatment alleviates established vasomotor dysfunction in aged or atherosclerotic mice. <i>Aging Cell</i> , 2016, 15, 973-977.       | 6.7  | 540       |
| 23 | Energetic interventions for healthspan and resiliency with aging. <i>Experimental Gerontology</i> , 2016, 86, 73-83.                                   | 2.8  | 39        |
| 24 | Quantification of GDF11 and Myostatin in Human Aging and Cardiovascular Disease. <i>Cell Metabolism</i> , 2016, 23, 1207-1215.                         | 16.2 | 176       |
| 25 | Exercise Prevents Diet-Induced Cellular Senescence in Adipose Tissue. <i>Diabetes</i> , 2016, 65, 1606-1615.                                           | 0.6  | 185       |
| 26 | Calorie Restriction Suppresses Age-Dependent Hippocampal Transcriptional Signatures. <i>PLoS ONE</i> , 2015, 10, e0133923.                             | 2.5  | 62        |
| 27 | 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        |