

# Arnaud Tauffenberger

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7280117/publications.pdf>

Version: 2024-02-01

13  
papers

722  
citations

759233

12  
h-index

1125743

13  
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14  
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14  
docs citations

14  
times ranked

1216  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Lactate and pyruvate promote oxidative stress resistance through hormetic ROS signaling. <i>Cell Death and Disease</i> , 2019, 10, 653.                                       | 6.3 | 177       |
| 2  | Mutant TDP-43 and FUS Cause Age-Dependent Paralysis and Neurodegeneration in <i>C. elegans</i> . <i>PLoS ONE</i> , 2012, 7, e31321.   | 2.5 | 96        |
| 3  | Heritable Transmission of Stress Resistance by High Dietary Glucose in <i>Caenorhabditis elegans</i> . <i>PLoS Genetics</i> , 2014, 10, e1004346.                             | 3.5 | 89        |
| 4  | The Strategic Location of Glycogen and Lactate: From Body Energy Reserve to Brain Plasticity. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 82.                       | 3.7 | 64        |
| 5  | TDP-1/TDP-43 Regulates Stress Signaling and Age-Dependent Proteotoxicity in <i>Caenorhabditis elegans</i> . <i>PLoS Genetics</i> , 2012, 8, e1002806.                         | 3.5 | 63        |
| 6  | Reactive Oxygen Species: Beyond Their Reactive Behavior. <i>Neurochemical Research</i> , 2021, 46, 77-87.   | 3.3 | 60        |
| 7  | Glucose delays age-dependent proteotoxicity. <i>Aging Cell</i> , 2012, 11, 856-866.   | 6.7 | 38        |
| 8  | TDP-43 Toxicity Proceeds via Calcium Dysregulation and Necrosis in Aging <i>Caenorhabditis elegans</i> Motor Neurons. <i>Journal of Neuroscience</i> , 2014, 34, 12093-12103. | 3.6 | 38        |
| 9  | Reduction of polyglutamine toxicity by TDP-43, FUS and progranulin in Huntington's disease models. <i>Human Molecular Genetics</i> , 2013, 22, 782-794.                       | 2.9 | 35        |
| 10 | Evaluation of longevity enhancing compounds against transactive response DNA-binding protein-43 neuronal toxicity. <i>Neurobiology of Aging</i> , 2013, 34, 2175-2182.        | 3.1 | 20        |
| 11 | Rescue of ATXN3 neuronal toxicity in <i>C. elegans</i> by chemical modification of ER stress. <i>DMM Disease Models and Mechanisms</i> , 2017, 10, 1465-1480.                 | 2.4 | 20        |
| 12 | Fragile lifespan expansion by dietary mitohormesis in <i>C. elegans</i> . <i>Aging</i> , 2016, 8, 50-57.  | 3.1 | 15        |
| 13 | Experimental methods for dissecting the terraincognita of protein-metabolite interactomes. <i>Current Opinion in Systems Biology</i> , 2021, 28, 100403.                      | 2.6 | 7         |