

# Arnaud Tauffenberger

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13  
papers

434  
citations

11  
h-index

14  
g-index

14  
ext. papers

586  
ext. citations

5.7  
avg, IF

4.23  
L-index

| #  | Paper  | IF  | Citations |
|----|--|-----|-----------|
| 13 | Mutant TDP-43 and FUS cause age-dependent paralysis and neurodegeneration in <i>C. elegans</i> . <i>PLoS ONE</i> , <b>2012</b> , 7, e31321   | 3.7 | 71        |
| 12 | Lactate and pyruvate promote oxidative stress resistance through hormetic ROS signaling. <i>Cell Death and Disease</i> , <b>2019</b> , 10, 653                                     | 9.8 | 66        |
| 11 | Heritable transmission of stress resistance by high dietary glucose in <i>Caenorhabditis elegans</i> . <i>PLoS Genetics</i> , <b>2014</b> , 10, e1004346                           | 6   | 55        |
| 10 | TDP-1/TDP-43 regulates stress signaling and age-dependent proteotoxicity in <i>Caenorhabditis elegans</i> . <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002806                       | 6   | 55        |
| 9  | The Strategic Location of Glycogen and Lactate: From Body Energy Reserve to Brain Plasticity. <i>Frontiers in Cellular Neuroscience</i> , <b>2019</b> , 13, 82                     | 6.1 | 42        |
| 8  | TDP-43 toxicity proceeds via calcium dysregulation and necrosis in aging <i>Caenorhabditis elegans</i> motor neurons. <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 12093-103 | 6.6 | 30        |
| 7  | Glucose delays age-dependent proteotoxicity. <i>Aging Cell</i> , <b>2012</b> , 11, 856-66  | 9.9 | 30        |
| 6  | Reduction of polyglutamine toxicity by TDP-43, FUS and progranulin in Huntington's disease models. <i>Human Molecular Genetics</i> , <b>2013</b> , 22, 782-94                      | 5.6 | 28        |
| 5  | Evaluation of longevity enhancing compounds against transactive response DNA-binding protein-43 neuronal toxicity. <i>Neurobiology of Aging</i> , <b>2013</b> , 34, 2175-82        | 5.6 | 16        |
| 4  | Rescue of ATXN3 neuronal toxicity in by chemical modification of endoplasmic reticulum stress. <i>DMM Disease Models and Mechanisms</i> , <b>2017</b> , 10, 1465-1480              | 4.1 | 15        |
| 3  | Reactive Oxygen Species: Beyond Their Reactive Behavior. <i>Neurochemical Research</i> , <b>2021</b> , 46, 77-87   | 4.6 | 14        |
| 2  | Fragile lifespan expansion by dietary mitohormesis in <i>C. elegans</i> . <i>Aging</i> , <b>2016</b> , 8, 50-61  | 5.6 | 11        |
| 1  | Experimental methods for dissecting the terra-incognita of protein-metabolite interactomes. <i>Current Opinion in Systems Biology</i> , <b>2021</b> , 100403                       | 3.2 | 1         |