

# Jason Karpac

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2206477/publications.pdf>

Version: 2024-02-01

22  
papers

1,512  
citations

687363

13  
h-index

677142

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1724  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | PCRP-SC2 Promotes Gut Immune Homeostasis to Limit Commensal Dysbiosis and Extend Lifespan. <i>Cell</i> , 2014, 156, 109-122.  | 28.9 | 374       |
| 2  | Lifespan Extension by Preserving Proliferative Homeostasis in <i>Drosophila</i> . <i>PLoS Genetics</i> , 2010, 6, e1001159.   | 3.5  | 303       |
| 3  | Regulation of <i>Drosophila</i> lifespan by JNK signaling. <i>Experimental Gerontology</i> , 2011, 46, 349-354.   | 2.8  | 104       |
| 4  | Notch-Mediated Suppression of TSC2 Expression Regulates Cell Differentiation in the <i>Drosophila</i> Intestinal Stem Cell Lineage. <i>PLoS Genetics</i> , 2012, 8, e1003045.         | 3.5  | 88        |
| 5  | Dynamic Coordination of Innate Immune Signaling and Insulin Signaling Regulates Systemic Responses to Localized DNA Damage. <i>Developmental Cell</i> , 2011, 20, 841-854.            | 7.0  | 85        |
| 6  | Promoting longevity by maintaining metabolic and proliferative homeostasis. <i>Journal of Experimental Biology</i> , 2014, 217, 109-118.  | 1.7  | 85        |
| 7  | Insulin and JNK: optimizing metabolic homeostasis and lifespan. <i>Trends in Endocrinology and Metabolism</i> , 2009, 20, 100-106.  | 7.1  | 71        |
| 8  | NF- $\kappa$ B Shapes Metabolic Adaptation by Attenuating Foxo-Mediated Lipolysis in <i>Drosophila</i> . <i>Developmental Cell</i> , 2019, 49, 802-810.e6.                            | 7.0  | 66        |
| 9  | JNK signaling in insulin-producing cells is required for adaptive responses to stress in <i>Drosophila</i> . <i>Aging Cell</i> , 2009, 8, 288-295.                                    | 6.7  | 64        |
| 10 | Muscle Directs Diurnal Energy Homeostasis through a Myokine-Dependent Hormone Module in <i>Drosophila</i> . <i>Current Biology</i> , 2017, 27, 1941-1955.e6.                          | 3.9  | 64        |
| 11 | Intestinal IRE1 Is Required for Increased Triglyceride Metabolism and Longer Lifespan under Dietary Restriction. <i>Cell Reports</i> , 2016, 17, 1207-1216.                           | 6.4  | 58        |
| 12 | Long-Chain n-3 Fatty Acids Attenuate Oncogenic KRas-Driven Proliferation by Altering Plasma Membrane Nanoscale Proteolipid Composition. <i>Cancer Research</i> , 2018, 78, 3899-3912. | 0.9  | 29        |
| 13 | Metabolic Homeostasis: HDACs Take Center Stage. <i>Cell</i> , 2011, 145, 497-499.   | 28.9 | 25        |
| 14 | Glutamate metabolism directs energetic trade-offs to shape host-pathogen susceptibility in <i>Drosophila</i> . <i>Cell Metabolism</i> , 2021, 33, 2428-2444.e8.                       | 16.2 | 19        |
| 15 | Dietary Adaptation of Microbiota in <i>Drosophila</i> Requires NF- $\kappa$ B-Dependent Control of the Translational Regulator 4E-BP. <i>Cell Reports</i> , 2020, 31, 107736.         | 6.4  | 17        |
| 16 | The <i>Drosophila</i> midgut and the systemic coordination of lipid-dependent energy homeostasis. <i>Current Opinion in Insect Science</i> , 2020, 41, 100-105.                       | 4.4  | 13        |
| 17 | Aging: Seeking Mitonuclear Balance. <i>Cell</i> , 2013, 154, 271-273.   | 28.9 | 11        |
| 18 | Diet-MEF2 interactions shape lipid droplet diversification in muscle to influence <i>Drosophila</i> lifespan. <i>Aging Cell</i> , 2020, 19, e13172.                                   | 6.7  | 11        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | A virus-acquired host cytokine controls systemic aging by antagonizing apoptosis. PLoS Biology, 2018, 16, e2005796.   | 5.6 | 8         |
| 20 | Integrinâ€“ECM interactions and membrane-associated Catalase cooperate to promote resilience of the Drosophila intestinal epithelium. PLoS Biology, 2022, 20, e3001635.   | 5.6 | 7         |
| 21 | Membrane therapy using DHA suppresses epidermal growth factor receptor signaling by disrupting nanocluster formation. Journal of Lipid Research, 2021, 62, 100026.  | 4.2 | 5         |
| 22 | Effects on Hippocampus of Lifelong Absence of Glucocorticoids in the Pro-Opiomelanocortin Null Mutant Mouse Reveal Complex Relationship Between Glucocorticoids and Hippocampal Structure and Function. Journal of Molecular Neuroscience, 2006, 28, 291-302. | 2.3 | 4         |