# Kaveh Ashrafi

List of Publications by Year
in descending order



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|---|---|---|---|
| 36 papers | 2,937 citations | 279798 23 h-index | 361022 35 g-index |
| 37 all docs | 37 docs citations | 37 times ranked | 3809 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Neural production of kynurenic acid in Caenorhabditis elegans requires the AAT-1 transporter. Genes and Development, 2020, 34, 1033-1038. | 5.9 | 5 |
| 2 | Spectroscopic coherent Raman imaging of Caenorhabditis elegans reveals lipid particle diversity. Nature Chemical Biology, 2020, 16, 1087-1095. | 8.0 | 35 |
| 3 | Age- and stress-associated C. elegans granulins impair lysosomal function and induce a compensatory HLH-30/TFEB transcriptional response. PLoS Genetics, 2019, 15, e1008295. | 3.5 | 23 |
| 4 | Intestinal peroxisomal fatty acid Î²-oxidation regulates neural serotonin signaling through a feedback mechanism. PLoS Biology, 2019, 17, e3000242. | 5.6 | 19 |
| 5 | Tau/MAPT disease-associated variant A152T alters tau function and toxicity via impaired retrograde axonal transport. Human Molecular Genetics, 2019, 28, 1498-1514. | 2.9 | 26 |
| 6 | Kynurenic acid accumulation underlies learning and memory impairment associated with aging. Genes and Development, 2018, 32, 14-19. | 5.9 | 19 |
| 7 | The mTOR Target S6 Kinase Arrests Development in Caenorhabditis elegans When the Heat-Shock Transcription Factor Is Impaired. Genetics, 2018, 210, 999-1009. | 2.9 | 3 |
| 8 | The beneficial effects of dietary restriction on learning are distinct from its effects on longevity and mediated by depletion of a neuroinhibitory metabolite. PLoS Biology, 2017, 15, e2002032. | 5.6 | 18 |
| 9 | Phenotypic, chemical and functional characterization of cyclic nucleotide phosphodiesterase 4 (PDE4) as a potential anthelmintic drug target. PLoS Neglected Tropical Diseases, 2017, 11, e0005680. | 3.0 | 36 |
| 10 | Investigating Connections between Metabolism, Longevity, and Behavior in Caenorhabditis elegans. Trends in Endocrinology and Metabolism, 2016, 27, 586-596. | 7.1 | 39 |
| 11 | Neural Regulatory Pathways of Feeding and Fat in Caenorhabditis elegans. Annual Review of Genetics, 2015, 49, 413-438. | 7.6 | 39 |
| 12 | Kynurenic Acid Is a Nutritional Cue that Enables Behavioral Plasticity. Cell, 2015, 160, 119-131. | 28.9 | 57 |
| 13 | Insights and challenges in usingC. elegansfor investigation of fat metabolism. Critical Reviews in Biochemistry and Molecular Biology, 2015, 50, 69-84. | 5.2 | 37 |
| 14 | Conserved Genetic Interactions between Ciliopathy Complexes Cooperatively Support Ciliogenesis and Ciliary Signaling. PLoS Genetics, 2015, 11, e1005627. | 3.5 | 71 |
| 15 | Stressing about misplaced fat is a key to longevity. ELife, 2015, 4, . | 6.0 | 3 |
| 16 | Dopamine Signaling Regulates Fat Content through Î²-Oxidation in Caenorhabditis elegans. PLoS ONE, 2014, 9, e85874. | 2.5 | 20 |
| 17 | Loss of a Neural AMP-Activated Kinase Mimics the Effects of Elevated Serotonin on Fat, Movement, and Hormonal Secretions. PLoS Genetics, 2014, 10, e1004394. | 3.5 | 39 |
| 18 | OCT1 is a high-capacity thiamine transporter that regulates hepatic steatosis and is a target of metformin. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9983-9988. | 7.1 | 203 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Defects in the C. elegans acyl-CoA Synthase, acs-3, and Nuclear Hormone Receptor, nhr-25, Cause Sensitivity to Distinct, but Overlapping Stresses. PLoS ONE, 2014, 9, e92552. | 2.5 | 35 |
| 20 | Sumoylated NHR-25/NR5A Regulates Cell Fate during C. elegans Vulval Development. PLoS Genetics, 2013, 9, e1003992. | 3.5 | 36 |
| 21 | In Silico Molecular Comparisons of C. elegans and Mammalian Pharmacology Identify Distinct Targets That Regulate Feeding. PLoS Biology, 2013, 11, e1001712. | 5.6 | 18 |
| 22 | AMP-Activated Kinase Links Serotonergic Signaling to Glutamate Release for Regulation of Feeding Behavior in C.Âelegans. Cell Metabolism, 2012, 16, 113-121. | 16.2 | 66 |
| 23 | Analyses of C. elegans Fat Metabolic Pathways. Methods in Cell Biology, 2012, 107, 383-407. | 1.1 | 36 |
| 24 | Using C. elegans to dissect fat and feeding regulatory pathways. FASEB Journal, 2012, 26, 221.1. | 0.5 | 0 |
| 25 | Hyperactive Neuroendocrine Secretion Causes Size, Feeding, and Metabolic Defects of C. elegans Bardet-Biedl Syndrome Mutants. PLoS Biology, 2011, 9, e1001219. | 5.6 | 41 |
| 26 | A whole-organism screen identifies new regulators of fat storage. Nature Chemical Biology, 2011, 7, 206-213. | 8.0 | 76 |
| 27 | Regulation of C. elegans Fat Uptake and Storage by Acyl-CoA Synthase-3 Is Dependent on NR5A Family Nuclear Hormone Receptor nhr-25. Cell Metabolism, 2010, 12, 398-410. | 16.2 | 57 |
| 28 | Caenorhabditis elegans as an emerging model for studying the basic biology of obesity. DMM Disease Models and Mechanisms, 2009, 2, 224-229. | 2.4 | 89 |
| 29 | C. elegans fat storage and metabolic regulation. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2009, 1791, 474-478. | 2.4 | 94 |
| 30 | Rictor/TORC2 Regulates Caenorhabditis elegans Fat Storage, Body Size, and Development through sgk-1. PLoS Biology, 2009, 7, e1000060. | 5.6 | 173 |
| 31 | Serotonin Regulates C. elegans Fat and Feeding through Independent Molecular Mechanisms. Cell Metabolism, 2008, 7, 533-544. | 16.2 | 175 |
| 32 | Neural and Molecular Dissection of a C. elegans Sensory Circuit that Regulates Fat and Feeding. Cell Metabolism, 2008, 8, 118-131. | 16.2 | 180 |
| 33 | A TRPV Channel Modulates C. elegans Neurosecretion, Larval Starvation Survival, and Adult Lifespan. PLoS Genetics, 2008, 4, e1000213. | 3.5 | 91 |
| 34 | Obesity and the regulation of fat metabolism. WormBook, 2007, , 1-20. | 5.3 | 129 |
| 35 | Mapping out starvation responses. Cell Metabolism, 2006, 3, 235-236. | 16.2 | 9 |
| 36 | Genome-wide RNAi analysis of Caenorhabditis elegans fat regulatory genes. Nature, 2003, 421, 268-272. | 27.8 | 940 |