# Cheng-Wei Wu

List of Publications by Year
in descending order

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| 35 | 932 | 394421 | 477307 |
|---|---|---|---|
| papers | citations | 19 | 29 |
| | | h-index | g-index |

| 38 | 38 | 38 | 767 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Molecular characterization of ethyl carbamate toxicity in Caenorhabditis elegans. Toxicology Reports, 2022, 9, 619-627. | 3.3 | 2 |
| 2 | Translational suppression via IFG-1/eIF4G inhibits stress-induced RNA alternative splicing in Caenorhabditis elegans. Genetics, 2022, 221, . | 2.9 | 6 |
| 3 | mTOR Signaling in Metabolic Stress Adaptation. Biomolecules, 2021, 11, 681. | 4.0 | 18 |
| 4 | Carb-Loading: Freeze-Induced Activation of the Glucose-Responsive ChREBP Transcriptional Network in Wood Frogs. Physiological and Biochemical Zoology, 2020, 93, 49-61. | 1.5 | 7 |
| 5 | Neuron-specific toxicity of chronic acrylamide exposure in C. elegans. Neurotoxicology and Teratology, 2020, 77, 106848. | 2.4 | 19 |
| 6 | Dehydration stress alters the mitogen-activated-protein kinase signaling and chaperone stress response in Xenopus laevis. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2020, 246-247, 110461. | 1.6 | 4 |
| 7 | RNA processing errors triggered by cadmium and integrator complex disruption are signals for environmental stress. BMC Biology, 2019, 17, 56. | 3.8 | 23 |
| 8 | Molecular control of protein synthesis, glucose metabolism, and apoptosis in the brain of hibernating thirteen-lined ground squirrels. Biochemistry and Cell Biology, 2019, 97, 536-544. | 2.0 | 10 |
| 9 | The squirrel with the lagging eIF2: Global suppression of protein synthesis during torpor. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2019, 227, 161-171. | 1.8 | 12 |
| 10 | A Damage Sensor Associated with the Cuticle Coordinates Three Core Environmental Stress Responses inCaenorhabditis elegans. Genetics, 2018, 208, 1467-1482. | 2.9 | 84 |
| 11 | Regulation of Smad mediated microRNA transcriptional response in ground squirrels during hibernation. Molecular and Cellular Biochemistry, 2018, 439, 151-161. | 3.1 | 9 |
| 12 | Stress-induced antioxidant defense and protein chaperone response in the freeze-tolerant wood frog Rana sylvatica. Cell Stress and Chaperones, 2018, 23, 1205-1217. | 2.9 | 23 |
| 13 | F-Box Protein XREP-4 Is a New Regulator of the Oxidative Stress Response in Caenorhabditis elegans. Genetics, 2017, 206, 859-871. | 2.9 | 23 |
| 14 | Regulation of the insulinâ€“Akt signaling pathway and glycolysis during dehydration stress in the African clawed frogXenopus laevis. Biochemistry and Cell Biology, 2017, 95, 663-671. | 2.0 | 11 |
| 15 | The Skp1 Homologs SKR-1/2 Are Required for the Caenorhabditis elegans SKN-1 Antioxidant/Detoxification Response Independently of p38 MAPK. PLoS Genetics, 2016, 12, e1006361. | 3.5 | 55 |
| 16 | Analysis of microRNA expression during the torpor-arousal cycle of a mammalian hibernator, the 13-lined ground squirrel. Physiological Genomics, 2016, 48, 388-396. | 2.3 | 31 |
| 17 | Torporâ€responsive expression of novel microRNA regulating metabolism and other cellular pathways in the thirteenâ€lined ground squirrel, Ictidomys tridecemlineatus. FEBS Letters, 2016, 590, 3574-3582. | 2.8 | 22 |
| 18 | Life in the cold: links between mammalian hibernation and longevity. Biomolecular Concepts, 2016, 7, 41-52. | 2.2 | 53 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Transcriptional Activation of p53 during Cold Induced Torpor in the 13-Lined Ground Squirrellctidomys tridecemlineatus. Biochemistry Research International, 2015, 2015, 1-11. | 3.3 | 9 |
| 20 | Regulation of Torpor in the Gray Mouse Lemur: Transcriptional and Translational Controls and Role of AMPK Signaling. Genomics, Proteomics and Bioinformatics, 2015, 13, 103-110. | 6.9 | 22 |
| 21 | Post-translational regulation of PTEN catalytic function and protein stability in the hibernating 13-lined ground squirrel. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 2196-2202. | 2.4 | 8 |
| 22 | Induction of Antioxidant and Heat Shock Protein Responses During Torpor in the Gray Mouse Lemur, Microcebus murinus. Genomics, Proteomics and Bioinformatics, 2015, 13, 119-126. | 6.9 | 36 |
| 23 | Regulation of the PI3K/AKT Pathway and Fuel Utilization During Primate Torpor in the Gray Mouse Lemur, Microcebus murinus. Genomics, Proteomics and Bioinformatics, 2015, 13, 91-102. | 6.9 | 29 |
| 24 | Modulation of Gene Expression in Key Survival Pathways During Daily Torpor in the Gray Mouse Lemur, Microcebus murinus. Genomics, Proteomics and Bioinformatics, 2015, 13, 111-118. | 6.9 | 18 |
| 25 | Primate Torpor: Regulation of Stress-activated Protein Kinases During Daily Torpor in the Gray Mouse Lemur, Microcebus murinus. Genomics, Proteomics and Bioinformatics, 2015, 13, 81-90. | 6.9 | 30 |
| 26 | Expression Profiling and Structural Characterization of MicroRNAs in Adipose Tissues of Hibernating Ground Squirrels. Genomics, Proteomics and Bioinformatics, 2014, 12, 284-291. | 6.9 | 36 |
| 27 | FoxO3a-mediated activation of stress responsive genes during early torpor in a mammalian hibernator. Molecular and Cellular Biochemistry, 2014, 390, 185-195. | 3.1 | 30 |
| 28 | The involvement of mRNA processing factors TIA-1, TIAR, and PABP-1 during mammalian hibernation. Cell Stress and Chaperones, 2014, 19, 813-825. | 2.9 | 13 |
| 29 | High-throughput amplification of mature microRNAs in uncharacterized animal models using polyadenylated RNA and stemâ€“loop reverse transcription polymerase chain reaction. Analytical Biochemistry, 2014, 462, 32-34. | 2.4 | 43 |
| 30 | Dehydration mediated microRNA response in the African clawed frog Xenopus laevis. Gene, 2013, 529, 269-275. | 2.2 | 43 |
| 31 | Stress response and adaptation: A new molecular toolkit for the 21st century. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2013, 165, 417-428. | 1.8 | 23 |
| 32 | Effects of hibernation on regulation of mammalian protein phosphatase type-2-A. Cryobiology, 2013, 66, 267-274. | 0.7 | 5 |
| 33 | Biochemical adaptations of mammalian hibernation: exploring squirrels as a perspective model for naturally induced reversible insulin resistance. Brazilian Journal of Medical and Biological Research, 2013, 46, 1-13. | 1.5 | 44 |
| 34 | Pattern of cellular quiescence over the hibernation cycle in liver of thirteen-lined ground squirrels. Cell Cycle, 2012, 11, 1714-1726. | 2.6 | 59 |
| 35 | Regulation of the mTOR signaling network in hibernating thirteen-lined ground squirrels. Journal of Experimental Biology, 2012, 215, 1720-1727. | 1.7 | 70 |