# Andrey S Tsvetkov

List of Publications by Year
in descending order



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|---|---|---|---|
| 26 papers | 6,299 citations | 394421 19 h-index | 552781 26 g-index |
| 27 all docs | 27 docs citations | 27 times ranked | 16258 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Cognitive adverse effects of chemotherapy and immunotherapy: are interventions within reach?. Nature Reviews Neurology, 2022, 18, 173-185. | 10.1 | 31 |
| 2 | Sex differences in global metabolomic profiles of COVID-19 patients. Cell Death and Disease, 2022, 13, 461. | 6.3 | 13 |
| 3 | Differential responses of neurons, astrocytes, and microglia to G-quadruplex stabilization. Aging, 2021, 13, 15917-15941. | 3.1 | 9 |
| 4 | Sex-Specific Differences in Autophagic Responses to Experimental Ischemic Stroke. Cells, 2021, 10, 1825. | 4.1 | 13 |
| 5 | Agonism of the Î±7-acetylcholine receptor/PI3K/Akt pathway promotes neuronal survival after subarachnoid hemorrhage in mice. Experimental Neurology, 2021, 344, 113792. | 4.1 | 6 |
| 6 | G-Quadruplexes and the DNA/RNA helicase DHX36 in health, disease, and aging. Aging, 2021, 13, 25578-25587. | 3.1 | 12 |
| 7 | Aging lowers PEX5 levels in cortical neurons in male and female mouse brains. Molecular and Cellular Neurosciences, 2020, 107, 103536. | 2.2 | 3 |
| 8 | Regulation of autophagy by DNA G-quadruplexes. Autophagy, 2020, 16, 2252-2259. | 9.1 | 24 |
| 9 | Peroxisomal Dysfunction in Neurological Diseases and Brain Aging. Frontiers in Cellular Neuroscience, 2020, 14, 44. | 3.7 | 29 |
| 10 | Small-molecule G-quadruplex stabilizers reveal a novel pathway of autophagy regulation in neurons. ELife, 2020, 9, . | 6.0 | 60 |
| 11 | Peroxisomes contribute to oxidative stress in neurons during doxorubicin-based chemotherapy. Molecular and Cellular Neurosciences, 2018, 86, 65-71. | 2.2 | 35 |
| 12 | Sphingosine kinase 1-associated autophagy differs between neurons and astrocytes. Cell Death and Disease, 2018, 9, 521. | 6.3 | 33 |
| 13 | Inhibiting sphingosine kinase 2 mitigates mutant Huntingtin-induced neurodegeneration in neuron models of Huntington disease. Human Molecular Genetics, 2017, 26, 1305-1317. | 2.9 | 31 |
| 14 | The G-quadruplex DNA stabilizing drug pyridostatin promotes DNA damage and downregulates transcription of Brca1 in neurons. Aging, 2017, 9, 1957-1970. | 3.1 | 60 |
| 15 | SPHK1/sphingosine kinase 1-mediated autophagy differs between neurons and SH-SY5Y neuroblastoma cells. Autophagy, 2016, 12, 1418-1424. | 9.1 | 32 |
| 16 | Levetiracetam mitigates doxorubicin-induced DNA and synaptic damage in neurons. Scientific Reports, 2016, 6, 25705. | 3.3 | 43 |
| 17 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222. | 9.1 | 4,701 |
| 18 | TFEB ameliorates the impairment of the autophagy-lysosome pathway in neurons induced by doxorubicin. Aging, 2016, 8, 3507-3519. | 3.1 | 47 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Cytoplasmic sphingosine-1-phosphate pathway modulates neuronal autophagy. Scientific Reports, 2015, 5, 15213. | 3.3 | 73 |
| 20 | Autophagy induction enhances TDP43 turnover and survival in neuronal ALS models. Nature Chemical Biology, 2014, 10, 677-685. | 8.0 | 368 |
| 21 | Proteostasis of polyglutamine varies among neurons and predicts neurodegeneration. Nature Chemical Biology, 2013, 9, 586-592. | 8.0 | 157 |
| 22 | Longitudinal Imaging and Analysis of Neurons Expressing Polyglutamine-Expanded Proteins. Methods in Molecular Biology, 2013, 1017, 1-20. | 0.9 | 11 |
| 23 | A small-molecule scaffold induces autophagy in primary neurons and protects against toxicity in a Huntington disease model. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 16982-16987. | 7.1 | 247 |
| 24 | Protein turnover and inclusion body formation. Autophagy, 2009, 5, 1037-1038. | 9.1 | 49 |
| 25 | Single Neuron Ubiquitin-Proteasome Dynamics Accompanying Inclusion Body Formation in Huntington Disease. Journal of Biological Chemistry, 2009, 284, 4398-4403. | 3.4 | 84 |
| 26 | Cytoplasmic retention of polyglutamine-expanded androgen receptor ameliorates disease via autophagy in a mouse model of spinal and bulbar muscular atrophy. Human Molecular Genetics, 2009, 18, 1937-1950. | 2.9 | 128 |