

# Attila Brunyanszki

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12053482/publications.pdf>

Version: 2024-02-01

18  
papers

1,727  
citations

471509

17  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

2641  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | PARP-1 Inhibition Increases Mitochondrial Metabolism through SIRT1 Activation. <i>Cell Metabolism</i> , 2011, 13, 461-468.  | 16.2 | 673       |
| 2  | PARP-2 Regulates SIRT1 Expression and Whole-Body Energy Expenditure. <i>Cell Metabolism</i> , 2011, 13, 450-460.  | 16.2 | 231       |
| 3  | Regulation of Vascular Tone, Angiogenesis and Cellular Bioenergetics by the 3-Mercaptopyruvate Sulfurtransferase/H <sub>2</sub> S Pathway: Functional Impairment by Hyperglycemia and Restoration by dl- $\alpha$ -Lipoic Acid. <i>Molecular Medicine</i> , 2015, 21, 1-14. | 4.4  | 121       |
| 4  | Mitochondrial DNA damage and subsequent activation of Z-DNA binding protein 1 links oxidative stress to inflammation in epithelial cells. <i>Scientific Reports</i> , 2018, 8, 914.   | 3.3  | 100       |
| 5  | Opposing roles of mitochondrial and nuclear PARP1 in the regulation of mitochondrial and nuclear DNA integrity: implications for the regulation of mitochondrial function. <i>Nucleic Acids Research</i> , 2014, 42, 13161-13173.   | 14.5 | 77        |
| 6  | Poly(ADP-ribose) polymerase-2: emerging transcriptional roles of a DNA-repair protein. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 4079-4092.   | 5.4  | 68        |
| 7  | Time-Dependent and Organ-Specific Changes in Mitochondrial Function, Mitochondrial DNA Integrity, Oxidative Stress and Mononuclear Cell Infiltration in a Mouse Model of Burn Injury. <i>PLoS ONE</i> , 2015, 10, e0143730.   | 2.5  | 65        |
| 8  | Mitochondrial poly(ADP-ribose) polymerase: The Wizard of Oz at work. <i>Free Radical Biology and Medicine</i> , 2016, 100, 257-270.   | 2.9  | 62        |
| 9  | In Search of Glycogen Phosphorylase Inhibitors: 5-Substituted 3-C-Glucopyranosyl-1,2,4-oxadiazoles from $\beta$ -D-Glucopyranosyl Cyanides upon Cyclization of O-Acylamidoxime Intermediates. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 4242-4256.         | 2.4  | 54        |
| 10 | Differentiation-Associated Downregulation of Poly(ADP-Ribose) Polymerase-1 Expression in Myoblasts Serves to Increase Their Resistance to Oxidative Stress. <i>PLoS ONE</i> , 2015, 10, e0134227.   | 2.5  | 42        |
| 11 | PARP10 (ARTD10) modulates mitochondrial function. <i>PLoS ONE</i> , 2018, 13, e0187789.   | 2.5  | 40        |
| 12 | Glycogen Phosphorylase Inhibitor N-(3,5-Dimethyl-Benzoyl)-N <sup>α</sup> -( $\beta$ -D-Glucopyranosyl)Urea Improves Glucose Tolerance under Normoglycemic and Diabetic Conditions and Rearranges Hepatic Metabolism. <i>PLoS ONE</i> , 2013, 8, e69420.                     | 2.5  | 39        |
| 13 | Regulation of Mitochondrial Poly(ADP-Ribose) Polymerase Activation by the $\beta$ -Adrenoceptor/cAMP/Protein Kinase A Axis during Oxidative Stress. <i>Molecular Pharmacology</i> , 2014, 86, 450-462.  | 2.3  | 37        |
| 14 | Deletion of PARP-2 induces hepatic cholesterol accumulation and decrease in HDL levels. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 594-602.  | 3.8  | 36        |
| 15 | Upregulation and Mitochondrial Sequestration of Hemoglobin Occur in Circulating Leukocytes during Critical Illness, Conferring a Cytoprotective Phenotype. <i>Molecular Medicine</i> , 2015, 21, 666-675.   | 4.4  | 24        |
| 16 | Genetic Ablation of PARP-1 Protects Against Oxazolone-Induced Contact Hypersensitivity by Modulating Oxidative Stress. <i>Journal of Investigative Dermatology</i> , 2010, 130, 2629-2637.  | 0.7  | 23        |
| 17 | Poly(ADP-Ribose) Polymerase Mediates Inflammation in a Mouse Model of Contact Hypersensitivity. <i>Journal of Investigative Dermatology</i> , 2009, 129, 234-238.   | 0.7  | 18        |
| 18 | Poly(ADP) ribose polymerase-1 ablation alters eicosanoid and docosanoid signaling and metabolism in a murine model of contact hypersensitivity. <i>Molecular Medicine Reports</i> , 2015, 11, 2861-2867.  | 2.4  | 17        |