

# Ferenc Gallyas

## List of Publications by Year in descending order

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73  
papers

3,595  
citations

117625

34  
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133252

59  
g-index

74  
all docs

74  
docs citations

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times ranked

4106  
citing authors

#	ARTICLE	IF	CITATIONS
1	Involvement of Mitochondrial Mechanisms and Cyclooxygenase-2 Activation in the Effect of Desethylamiodarone on 4T1 Triple-Negative Breast Cancer Line. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1544.	4.1	2
2	BGP-15 Protects against Heart Failure by Enhanced Mitochondrial Biogenesis and Decreased Fibrotic Remodelling in Spontaneously Hypertensive Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-13.	4.0	12
3	Modulation of Mitochondrial Quality Control Processes by BGP-15 in Oxidative Stress Scenarios: From Cell Culture to Heart Failure. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-22.	4.0	3
4	Cyclophilin D-dependent mitochondrial permeability transition amplifies inflammatory reprogramming in endotoxemia. <i>FEBS Open Bio</i> , 2021, 11, 684-704.	2.3	10
5	Amiodarone's major metabolite, desethylamiodarone inhibits proliferation of B16-F10 melanoma cells and limits lung metastasis formation in an in vivo experimental model. <i>PLoS ONE</i> , 2020, 15, e0239088.	2.5	4
6	Involvement of Mitochondrial Mechanisms in the Cytostatic Effect of Desethylamiodarone in B16F10 Melanoma Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7346.	4.1	1
7	Role of Akt Activation in PARP Inhibitor Resistance in Cancer. <i>Cancers</i> , 2020, 12, 532.	3.7	49
8	Mitochondrial Protection by PARP Inhibition. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2767.	4.1	21
9	Proteomic changes during experimental de- and remyelination in the corpus callosum. <i>PLoS ONE</i> , 2020, 15, e0230249.	2.5	9
10	PARP Inhibitor PJ34 Protects Mitochondria and Induces DNA-Damage Mediated Apoptosis in Combination With Cisplatin or Temozolomide in B16F10 Melanoma Cells. <i>Frontiers in Physiology</i> , 2019, 10, 538.	2.8	16
11	PARP Inhibitor Protects Against Chronic Hypoxia/Reoxygenation-Induced Retinal Injury by Regulation of MAPKs, HIF1 $\alpha$ , Nrf2, and NF $\kappa$ B. , 2019, 60, 1478.		31
12	PARP inhibition induces Akt-mediated cytoprotective effects through the formation of a mitochondria-targeted phospho-ATM-NEMO-Akt-mTOR signalosome. <i>Biochemical Pharmacology</i> , 2019, 162, 98-108.	4.4	33
13	Activation of mitochondrial fusion provides a new treatment for mitochondria-related diseases. <i>Biochemical Pharmacology</i> , 2018, 150, 86-96.	4.4	63
14	Experimental Demyelination and Axonal Loss Are Reduced in MicroRNA-146a Deficient Mice. <i>Frontiers in Immunology</i> , 2018, 9, 490.	4.8	43
15	Orthologous proteins of experimental de- and remyelination are differentially regulated in the CSF proteome of multiple sclerosis subtypes. <i>PLoS ONE</i> , 2018, 13, e0202530.	2.5	28
16	PARP inhibition protects mitochondria and reduces ROS production via PARP-1-ATF4-MKP-1-MAPK retrograde pathway. <i>Free Radical Biology and Medicine</i> , 2017, 108, 770-784.	2.9	76
17	BGP-15 Protects against Oxidative Stress- or Lipopolysaccharide-Induced Mitochondrial Destabilization and Reduces Mitochondrial Production of Reactive Oxygen Species. <i>PLoS ONE</i> , 2017, 12, e0169372.	2.5	41
18	Chronic PARP-1 inhibition reduces carotid vessel remodeling and oxidative damage of the dorsal hippocampus in spontaneously hypertensive rats. <i>PLoS ONE</i> , 2017, 12, e0174401.	2.5	12

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19	Desethylamiodaroneâ€”A metabolite of amiodaroneâ€”Induces apoptosis on T24 human bladder cancer cells via multiple pathways. PLoS ONE, 2017, 12, e0189470.	2.5	17
20	Role of Mitochondrial Network Stabilisation by a Human Small Heat Shock Protein in Tumour Malignancy. Journal of Cancer, 2015, 6, 470-476.	2.5	6
21	Cyclophilin D disruption attenuates lipopolysaccharide-induced inflammatory response in primary mouse macrophages. Biochemistry and Cell Biology, 2015, 93, 241-250.	2.0	19
22	Thymic Atrophy and Apoptosis of CD4+CD8+ Thymocytes in the Cuprizone Model of Multiple Sclerosis. PLoS ONE, 2015, 10, e0129217.	2.5	30
23	Novel Mechanisms of Sildenafil in Pulmonary Hypertension Involving Cytokines/Chemokines, MAP Kinases and Akt. PLoS ONE, 2014, 9, e104890.	2.5	37
24	A quinazoline-derivative compound with PARP inhibitory effect suppresses hypertension-induced vascular alterations in spontaneously hypertensive rats. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 935-944.	3.8	23
25	PARP-Inhibitor Treatment Prevents Hypertension Induced Cardiac Remodeling by Favorable Modulation of Heat Shock Proteins, Akt-1/GSK-3 $\beta$ and Several PKC Isoforms. PLoS ONE, 2014, 9, e102148.	2.5	29
26	TRAF6 is functional in inhibition of TLR4-mediated NF- $\kappa$ B activation by resveratrol. Journal of Nutritional Biochemistry, 2013, 24, 819-823.	4.2	74
27	Hydroxamic Acid Derivatives: Pleiotropic Hsp Co-Inducers Restoring Homeostasis and Robustness. Current Pharmaceutical Design, 2013, 19, 309-346.	1.9	61
28	A Novel Concept of Treatment in MS: Targeting Both Oligodendrocyte Death and Inflammatory Processes by Inhibiting Poly(Adp-Ribose) Polymerase. , 2013, , 315-340.		1
29	Antioxidant and Anti-Inflammatory Effects in RAW264.7 Macrophages of Malvidin, a Major Red Wine Polyphenol. PLoS ONE, 2013, 8, e65355.	2.5	128
30	PARP Inhibition Attenuates Acute Kidney Allograft Rejection by Suppressing Cell Death Pathways and Activating PI-3K-Akt Cascade. PLoS ONE, 2013, 8, e81928.	2.5	14
31	Protective effect of the poly(ADP-ribose) polymerase inhibitor PJ34 on mitochondrial depolarization-mediated cell death in hepatocellular carcinoma cells involves attenuation of c-Jun N-terminal kinase-2 and protein kinase B/Akt activation. Molecular Cancer, 2012, 11, 34.	19.2	16
32	BGP-15, a PARP-inhibitor, prevents imatinib-induced cardiotoxicity by activating Akt and suppressing JNK and p38 MAP kinases. Molecular and Cellular Biochemistry, 2012, 365, 129-137.	3.1	52
33	Induction of mitochondrial destabilization and necrotic cell death by apolar mitochondria-directed SOD mimetics. Mitochondrion, 2011, 11, 476-487.	3.4	9
34	Effects of PACAP on Mitochondrial Apoptotic Pathways and Cytokine Expression in Rats Subjected to Renal Ischemia/Reperfusion. Journal of Molecular Neuroscience, 2010, 42, 411-418.	2.3	26
35	TIP47 confers resistance to taxol-induced cell death by preventing the nuclear translocation of AIF and Endonuclease G. European Journal of Cell Biology, 2010, 89, 853-861.	3.6	10
36	Regulation of MKP-1 expression and MAPK activation by PARP-1 in oxidative stress: A new mechanism for the cytoplasmic effect of PARP-1 activation. Free Radical Biology and Medicine, 2010, 49, 1978-1988.	2.9	53

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37	Facilitation of Mitochondrial Outer and Inner Membrane Permeabilization and Cell Death in Oxidative Stress by a Novel Bcl-2 Homology 3 Domain Protein. <i>Journal of Biological Chemistry</i> , 2010, 285, 2140-2151.	3.4	36
38	Inhibiting poly(ADP-ribose) polymerase: a potential therapy against oligodendrocyte death. <i>Brain</i> , 2010, 133, 822-834.	7.6	93
39	PACAP ameliorates oxidative stress in the chicken inner ear: An in vitro study. <i>Regulatory Peptides</i> , 2010, 160, 91-98.	1.9	28
40	Suppressing LPS-induced early signal transduction in macrophages by a polyphenol degradation product: a critical role of MKP-1. <i>Journal of Leukocyte Biology</i> , 2010, 89, 105-111.	3.3	40
41	Dietary trans-10, cis-12 Conjugated Linoleic Acid Reduces Early Glomerular Enlargement and Elevated Renal Cyclooxygenase-2 Levels in Young Obese <i>fal</i> fa Zucker Rats. <i>Journal of Nutrition</i> , 2009, 139, 285-290.	2.9	15
42	Ferulaldehyde, a Water-Soluble Degradation Product of Polyphenols, Inhibits the Lipopolysaccharide-Induced Inflammatory Response in Mice. <i>Journal of Nutrition</i> , 2009, 139, 291-297.	2.9	34
43	PARP-1 inhibition-induced activation of PI-3-kinase-Akt pathway promotes resistance to taxol. <i>Biochemical Pharmacology</i> , 2009, 77, 1348-1357.	4.4	47
44	Potential of paclitaxel-induced apoptosis by galectin-13 overexpression via activation of Ask-1-p38-MAP kinase and JNK/SAPK pathways and suppression of Akt and ERK1/2 activation in U-937 human macrophage cells. <i>European Journal of Cell Biology</i> , 2009, 88, 753-763.	3.6	25
45	Alcohol-free red wine inhibits isoproterenol-induced cardiac remodeling in rats by the regulation of Akt1 and protein kinase C $\beta$ II. <i>Journal of Nutritional Biochemistry</i> , 2009, 20, 418-425.	4.2	33
46	Prevalent role of Akt and ERK activation in cardioprotective effect of Ca <sup>2+</sup> channel- and beta-adrenergic receptor blockers. <i>Molecular and Cellular Biochemistry</i> , 2009, 321, 155-164.	3.1	24
47	Protection Against Chronic Hypoperfusion-Induced Retinal Neurodegeneration by PARP Inhibition via Activation of PI-3-kinase Akt Pathway and Suppression of JNK and p38 MAP Kinases. <i>Neurotoxicity Research</i> , 2009, 16, 68-76.	2.7	48
48	Critical role of bad phosphorylation by Akt in cytostatic resistance of human bladder cancer cells. <i>Anticancer Research</i> , 2009, 29, 159-64.	1.1	19
49	Effects of PACAP on the Circadian Changes of Signaling Pathways in Chicken Pinealocytes. <i>Journal of Molecular Neuroscience</i> , 2008, 36, 220-6.	2.3	16
50	Correlation between the progressive cytoplasmic expression of a novel small heat shock protein (Hsp16.2) and malignancy in brain tumors. <i>BMC Cancer</i> , 2007, 7, 233.	2.6	36
51	Preventing apoptotic cell death by a novel small heat shock protein. <i>European Journal of Cell Biology</i> , 2007, 86, 161-171.	3.6	67
52	Effects of pituitary adenylate cyclase activating polypeptide (PACAP) on the PKA-bad-14-3-3 signaling pathway in glutamate-induced retinal injury in neonatal rats. <i>Neurotoxicity Research</i> , 2007, 12, 95-104.	2.7	47
53	Inhibition of cell death by a novel 16.2 kD heat shock protein predominantly via Hsp90 mediated lipid rafts stabilization and Akt activation pathway. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2007, 12, 97-112.	4.9	49
54	Induction of necrotic cell death and mitochondrial permeabilization by heme binding protein 2/SOUL. <i>FEBS Letters</i> , 2006, 580, 6447-6454.	2.8	37

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55	The neuroprotective effects of PACAP in monosodium glutamate-induced retinal lesion involve inhibition of proapoptotic signaling pathways. <i>Regulatory Peptides</i> , 2006, 137, 20-26.	1.9	61
56	PARP inhibition prevents postinfarction myocardial remodeling and heart failure via the protein kinase C/glycogen synthase kinase-3 $\beta$ pathway. <i>Journal of Molecular and Cellular Cardiology</i> , 2006, 41, 149-159.	1.9	52
57	PACAP Inhibits Oxidative Stress-Induced Activation of MAP Kinase-Dependent Apoptotic Pathway in Cultured Cardiomyocytes. <i>Annals of the New York Academy of Sciences</i> , 2006, 1070, 293-297.	3.8	21
58	Involvement of ERK and CREB Signaling Pathways in the Protective Effect of PACAP in Monosodium Glutamate-Induced Retinal Lesion. <i>Annals of the New York Academy of Sciences</i> , 2006, 1070, 507-511.	3.8	40
59	A novel SOD-mimetic permeability transition inhibitor agent protects ischemic heart by inhibiting both apoptotic and necrotic cell death. <i>Free Radical Biology and Medicine</i> , 2006, 41, 835-848.	2.9	36
60	Critical role of PI3-kinase/Akt activation in the PARP inhibitor induced heart function recovery during ischemia-reperfusion. <i>Biochemical Pharmacology</i> , 2006, 71, 441-452.	4.4	50
61	Pivotal Role of Akt Activation in Mitochondrial Protection and Cell Survival by Poly(ADP-ribose)polymerase-1 Inhibition in Oxidative Stress. <i>Journal of Biological Chemistry</i> , 2005, 280, 35767-35775.	3.4	151
62	Regulation of Kinase Cascades and Transcription Factors by a Poly(ADP-Ribose) Polymerase-1 Inhibitor, 4-Hydroxyquinazoline, in Lipopolysaccharide-Induced Inflammation in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 310, 247-255.	2.5	119
63	Activation of metabotropic glutamate receptors does not alter the phosphorylation state of GluR1 AMPA receptor subunit at serine 845 in perirhinal cortical neurons. <i>Neuroscience Letters</i> , 2004, 372, 132-136.	2.1	8
64	Concentration dependent mitochondrial effect of amiodarone. <i>Biochemical Pharmacology</i> , 2003, 65, 1115-1128.	4.4	44
65	Decrease of the inflammatory response and induction of the Akt/protein kinase B pathway by poly-(ADP-ribose) polymerase 1 inhibitor in endotoxin-induced septic shock. <i>Biochemical Pharmacology</i> , 2003, 65, 1373-1382.	4.4	620
66	Assembly and cell surface expression of KA-2 subunit-containing kainate receptors. <i>Journal of Neurochemistry</i> , 2003, 86, 1414-1427.	3.9	55
67	Protective Effect of Amiodarone but Not N-Desethylamiodarone on Postischemic Hearts through the Inhibition of Mitochondrial Permeability Transition. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 307, 615-625.	2.5	38
68	Novel phenanthridinone inhibitors of poly(adenosine 5'-diphosphate-ribose) synthetase: Potent cytoprotective and antishock agents*. <i>Critical Care Medicine</i> , 2002, 30, 1071-1082.	0.9	187
69	BGP-15 is a novel poly(ADP-ribose) polymerase inhibitor that protects against nephrotoxicity of cisplatin without compromising its antitumor activity. <i>Biochemical Pharmacology</i> , 2002, 63, 1099-1111.	4.4	92
70	Direct effect of Taxol on free radical formation and mitochondrial permeability transition. <i>Free Radical Biology and Medicine</i> , 2001, 31, 548-558.	2.9	220
71	Enhanced ADP-ribosylation and its diminution by lipoamide after ischemia-reperfusion in perfused rat heart. <i>Free Radical Biology and Medicine</i> , 1999, 27, 1103-1113.	2.9	41
72	Identifying monoaminergic, GABAergic, and cholinergic characteristics in immortalized neuronal cell lines. <i>Neurochemical Research</i> , 1997, 22, 569-575.	3.3	0

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73	Establishment of mouse-immortalized hybrid clones expressing characteristics of differentiated neurons derived from the cerebellar and brain stem regions. <i>Journal of Neurobiology</i> , 1992, 23, 905-919.	3.6	6