

Irina

List of Publications by Year in descending order

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28
papers

910
citations

567281

15
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

1490
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism of mitochondrial permeability transition pore induction and damage in the pancreas: inhibition prevents acute pancreatitis by protecting production of ATP. <i>Gut</i> , 2016, 65, 1333-1346.	12.1	159
2	Ellagic acid induces apoptosis through inhibition of nuclear factor kB in pancreatic cancer cells. <i>World Journal of Gastroenterology</i> , 2008, 14, 3672.	3.3	124
3	Potential role of subunit c of FOF1-ATPase and subunit c of storage body in the mitochondrial permeability transition. Effect of the phosphorylation status of subunit c on pore opening. <i>Cell Calcium</i> , 2014, 55, 69-77.	2.4	99
4	Prosurvival Bcl-2 proteins stabilize pancreatic mitochondria and protect against necrosis in experimental pancreatitis. <i>Experimental Cell Research</i> , 2009, 315, 1975-1989.	2.6	68
5	Identification and characterization of the metal ion-dependent α -alanoyl-d-glutamate peptidase encoded by bacteriophage T5. <i>FEBS Journal</i> , 2009, 47, 276, 7329-7342.	4.7	55
6	Phosphorylation of a peptide related to subunit c of the FOF1-ATPase/ATP synthase and relationship to permeability transition pore opening in mitochondria. <i>Journal of Bioenergetics and Biomembranes</i> , 2002, 34, 279-284.	2.3	44
7	Cell death in pancreatitis: Effects of alcohol. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2006, 21, S10-3.	2.8	36
8	Rottlerin stimulates apoptosis in pancreatic cancer cells through interactions with proteins of the Bcl-2 family. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 298, G63-G73.	3.4	35
9	Mitochondrial mechanisms of death responses in pancreatitis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2008, 23, S25-S30.	2.8	32
10	Effect of Melatonin on Rat Heart Mitochondria in Acute Heart Failure in Aged Rats. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1555.	4.1	32
11	Astaxanthin Inhibits Mitochondrial Permeability Transition Pore Opening in Rat Heart Mitochondria. <i>Antioxidants</i> , 2019, 8, 576.	5.1	28
12	Astaxanthin Prevents Mitochondrial Impairment Induced by Isoproterenol in Isolated Rat Heart Mitochondria. <i>Antioxidants</i> , 2020, 9, 262.	5.1	26
13	Interference of calmidazolium with measurement of mitochondrial membrane potential using the tetraphenylphosphonium electrode or the fluorescent probe rhodamine 123. <i>Analytical Biochemistry</i> , 2004, 328, 109-112.	2.4	24
14	Inflammatory cells regulate p53 and caspases in acute pancreatitis. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 298, G92-G100.	3.4	24
15	$2\text{-}\alpha\text{-Cyclic nucleotide } 3\text{-phosphodiesterase}$ as a messenger of protection of the mitochondrial function during melatonin treatment in aging. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 94-103.	2.6	24
16	Isoproterenol-Induced Permeability Transition Pore-Related Dysfunction of Heart Mitochondria Is Attenuated by Astaxanthin. <i>Biomedicines</i> , 2020, 8, 437.	3.2	13
17	Carbenoxolone induces permeability transition pore opening in rat mitochondria via the translocator protein TSPO and connexin43. <i>Archives of Biochemistry and Biophysics</i> , 2014, 558, 87-94.	3.0	11
18	Regulation of permeability transition pore opening in mitochondria by external NAD(H). <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 771-783.	2.4	11

#	ARTICLE	IF	CITATIONS
19	Melatonin Can Modulate the Effect of Navitoclax (ABT-737) in HL-60 Cells. <i>Antioxidants</i> , 2020, 9, 1143.	5.1	11
20	Possible Involvement of 2 ⁺ 3 ⁺ -Cyclic Nucleotide-3 ⁺ -Phosphodiesterase in the Protein Phosphorylation-Mediated Regulation of the Permeability Transition Pore. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3499.	4.1	10
21	Investigation of the calcium-induced activation of the bacteriophage T5 peptidoglycan hydrolase promoting host cell lysis. <i>Metallomics</i> , 2019, 11, 799-809.	2.4	8
22	Dynamics of the permeability transition pore size in isolated mitochondria and mitoplasts. <i>FASEB Journal</i> , 2021, 35, e21764.	0.5	8
23	Effect of the CRAC Peptide, VLNYVW, on mPTP Opening in Rat Brain and Liver Mitochondria. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2096.	4.1	7
24	The Identification of Prohibitin in the Rat Heart Mitochondria in Heart Failure. <i>Biomedicines</i> , 2021, 9, 1793.	3.2	6
25	The Increase in the Drug Resistance of Acute Myeloid Leukemia THP-1 Cells in High-Density Cell Culture Is Associated with Inflammatory-like Activation and Anti-Apoptotic Bcl-2 Proteins. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7881.	4.1	6
26	The Effects of PK11195 and Protoporphyrin IX Can Modulate Chronic Alcohol Intoxication in Rat Liver Mitochondria under the Opening of the Mitochondrial Permeability Transition Pore. <i>Cells</i> , 2020, 9, 1774.	4.1	4
27	l-Alanyl-d-Glutamate Peptidase (Bacteriophage T5). , 2013, , 1407-1410.		3
28	Carbenoxolon Is Capable to Regulate the Mitochondrial Permeability Transition Pore Opening in Chronic Alcohol Intoxication. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10249.	4.1	2