

Andras Szarka

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,855
citations

346980

22
h-index

299063

42
g-index

51
all docs

51
docs citations

51
times ranked

2929
citing authors

#	ARTICLE	IF	CITATIONS
1	Friend or Foe: The Relativity of (Anti)oxidative Agents and Pathways. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5188.	1.8	11
2	Vitamin C and Cell Death. <i>Antioxidants and Redox Signaling</i> , 2021, 34, 831-844.	2.5	29
3	Therapeutic Approach of KRAS Mutant Tumours by the Combination of Pharmacologic Ascorbate and Chloroquine. <i>Biomolecules</i> , 2021, 11, 652.	1.8	7
4	The Performance of HepG2 and HepaRG Systems through the Glass of Acetaminophen-Induced Toxicity. <i>Life</i> , 2021, 11, 856.	1.1	8
5	Drug induced cytotoxicity in various in vitro models. <i>Free Radical Biology and Medicine</i> , 2021, 177, S131.	1.3	0
6	BGP-15 Protects Mitochondria in Acute, Acetaminophen Overdose Induced Liver Injury. <i>Pathology and Oncology Research</i> , 2020, 26, 1797-1803.	0.9	6
7	Fine-tuning of AMPK-ULK1-mTORC1 regulatory triangle is crucial for autophagy oscillation. <i>Scientific Reports</i> , 2020, 10, 17803.	1.6	29
8	Genetic Polymorphism of GSTP-1 Affects Cyclophosphamide Treatment of Autoimmune Diseases. <i>Molecules</i> , 2020, 25, 1542.	1.7	10
9	A Double Negative Feedback Loop between mTORC1 and AMPK Kinases Guarantees Precise Autophagy Induction upon Cellular Stress. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5543.	1.8	57
10	Glucose Transport and Transporters in the Endomembranes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5898.	1.8	46
11	The potential role of acrolein in plant ferroptosis-like cell death. <i>PLoS ONE</i> , 2019, 14, e0227278.	1.1	21
12	The Interrelationship of Pharmacologic Ascorbate Induced Cell Death and Ferroptosis. <i>Pathology and Oncology Research</i> , 2019, 25, 669-679.	0.9	21
13	Comparison of the response of alternative oxidase and uncoupling proteins to bacterial elicitor induced oxidative burst. <i>PLoS ONE</i> , 2019, 14, e0210592.	1.1	9
14	Suppression of AMPK by NRF2/SKN1 downregulates autophagy during prolonged oxidative stress. <i>FASEB Journal</i> , 2019, 33, 2372-2387.	0.2	37
15	Concentration Does Matter: The Beneficial and Potentially Harmful Effects of Ascorbate in Humans and Plants. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 1516-1533.	2.5	30
16	The Problem of Glutathione Determination: a Comparative Study on the Measurement of Glutathione from Plant Cells. <i>Periodica Polytechnica: Chemical Engineering</i> , 2018, 63, 1-10.	0.5	16
17	In silico Analysis on the Possible Role of Mitochondria in Ferroptosis. <i>Periodica Polytechnica: Chemical Engineering</i> , 2018, 62, .	0.5	0
18	The determination of hepatic glutathione at tissue and subcellular level. <i>Journal of Pharmacological and Toxicological Methods</i> , 2017, 88, 32-39.	0.3	22

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19	Rapid ascorbate response to bacterial elicitor treatment in <i>Arabidopsis thaliana</i> cells. <i>Acta Physiologiae Plantarum</i> , 2017, 39, 1.	1.0	4
20	Rapid ascorbate response to bacterial elicitor treatment in <i>Arabidopsis thaliana</i> cells. <i>Free Radical Biology and Medicine</i> , 2017, 108, S22.	1.3	0
21	GLUT10“Lacking in Arterial Tortuosity Syndrome”Is Localized to the Endoplasmic Reticulum of Human Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1820.	1.8	15
22	The Level of ALR is Regulated by the Quantity of Mitochondrial DNA. <i>Pathology and Oncology Research</i> , 2016, 22, 431-437.	0.9	3
23	Ferroptosis is Involved in Acetaminophen Induced Cell Death. <i>Pathology and Oncology Research</i> , 2015, 21, 1115-1121.	0.9	146
24	In silico aided thoughts on mitochondrial vitamin C transport. <i>Journal of Theoretical Biology</i> , 2015, 365, 181-189.	0.8	12
25	Determination of sorbitol in the presence of high amount of mannitol from biological samples. <i>Periodica Polytechnica: Chemical Engineering</i> , 2014, 58, 1.	0.5	3
26	The role of ascorbate in protein folding. <i>Protoplasma</i> , 2014, 251, 489-497.	1.0	33
27	Subcellular compartmentation of ascorbate and its variation in disease states. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 1909-1916.	1.9	58
28	Quantitative data on the contribution of GSH and Complex II dependent ascorbate recycling in plant mitochondria. <i>Acta Physiologiae Plantarum</i> , 2013, 35, 3245-3250.	1.0	8
29	The Inter-Relationship of Ascorbate Transport, Metabolism and Mitochondrial, Plastidic Respiration. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 1036-1044.	2.5	43
30	Crosstalk and Barriers Between the Electron Carriers of the Endoplasmic Reticulum. <i>Antioxidants and Redox Signaling</i> , 2012, 16, 772-780.	2.5	21
31	The Ascorbate-glutathione-Î±-tocopherol Triad in Abiotic Stress Response. <i>International Journal of Molecular Sciences</i> , 2012, 13, 4458-4483.	1.8	202
32	Enhanced activity of galactono-1,4-lactone dehydrogenase and ascorbate“glutathione cycle in mitochondria from complex III deficient <i>Arabidopsis</i> . <i>Plant Physiology and Biochemistry</i> , 2011, 49, 809-815.	2.8	29
33	Oxidative folding: recent developments. <i>Biomolecular Concepts</i> , 2011, 2, 379-390.	1.0	3
34	BGP-15 inhibits caspase-independent programmed cell death in acetaminophen-induced liver injury. <i>Toxicology and Applied Pharmacology</i> , 2010, 243, 96-103.	1.3	61
35	Vitamin C: update on physiology and pharmacology. <i>British Journal of Pharmacology</i> , 2009, 157, 1097-1110.	2.7	356
36	Demonstration of an intramitochondrial invertase activity and the corresponding sugar transporters of the inner mitochondrial membrane in Jerusalem artichoke (<i>Helianthus tuberosus</i> L.) tubers. <i>Planta</i> , 2008, 228, 765-775.	1.6	21

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37	Dehydroascorbate and glucose are taken up into <i>Arabidopsis thaliana</i> cell cultures by two distinct mechanisms. <i>FEBS Letters</i> , 2008, 582, 2714-2718.	1.3	17
38	Intraluminal hydrogen peroxide induces a permeability change of the endoplasmic reticulum membrane. <i>FEBS Letters</i> , 2008, 582, 4131-4136.	1.3	14
39	<i>Arabidopsis</i> PPR40 Connects Abiotic Stress Responses to Mitochondrial Electron Transport. <i>Plant Physiology</i> , 2008, 146, 1721-1737.	2.3	137
40	Acetaminophen induces ER dependent signaling in mouse liver. <i>Archives of Biochemistry and Biophysics</i> , 2007, 459, 273-279.	1.4	93
41	Dehydroascorbate reduction in plant mitochondria is coupled to the respiratory electron transfer chain. <i>Physiologia Plantarum</i> , 2007, 129, 225-232.	2.6	37
42	FAD Transport and FAD-dependent Protein Thiol Oxidation in Rat Liver Microsomes. <i>Journal of Biological Chemistry</i> , 2004, 279, 3370-3374.	1.6	23
43	Facilitated glucose and dehydroascorbate transport in plant mitochondria. <i>Archives of Biochemistry and Biophysics</i> , 2004, 428, 73-80.	1.4	48
44	Ascorbyl free radical and dehydroascorbate formation in rat liver endoplasmic reticulum. <i>Journal of Bioenergetics and Biomembranes</i> , 2002, 34, 317-323.	1.0	32
45	Role of Vitamin E in Ascorbate-Dependent Protein Thiol Oxidation in Rat Liver Endoplasmic Reticulum. <i>Archives of Biochemistry and Biophysics</i> , 2001, 388, 55-59.	1.4	27
46	Ascorbate-mediated electron transfer in protein thiol oxidation in the endoplasmic reticulum. <i>FEBS Letters</i> , 1999, 460, 539-543.	1.3	33