

Orsolya Kapuy

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

704
citations

567281

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h-index

642732

23
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23
docs citations

23
times ranked

1544
citing authors

#	ARTICLE	IF	CITATIONS
1	Bistability by multiple phosphorylation of regulatory proteins. Progress in Biophysics and Molecular Biology, 2009, 100, 47-56.	2.9	74
2	mTOR inhibition increases cell viability via autophagy induction during endoplasmic reticulum stress – An experimental and modeling study. FEBS Open Bio, 2014, 4, 704-713.	2.3	71
3	Epigallocatechin-3-Gallate (EGCG) Promotes Autophagy-Dependent Survival via Influencing the Balance of mTOR-AMPK Pathways upon Endoplasmic Reticulum Stress. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-15.	4.0	70
4	A cellular stress-directed bistable switch controls the crosstalk between autophagy and apoptosis. Molecular BioSystems, 2013, 9, 296-306.	2.9	62
5	A Double Negative Feedback Loop between mTORC1 and AMPK Kinases Guarantees Precise Autophagy Induction upon Cellular Stress. International Journal of Molecular Sciences, 2019, 20, 5543.	4.1	57
6	Systems-Level Feedbacks of NRF2 Controlling Autophagy upon Oxidative Stress Response. Antioxidants, 2018, 7, 39.	5.1	47
7	A Comprehensive Systems Biological Study of Autophagy-Apoptosis Crosstalk during Endoplasmic Reticulum Stress. BioMed Research International, 2015, 2015, 1-12.	1.9	44
8	System-level feedbacks control cell cycle progression. FEBS Letters, 2009, 583, 3992-3998.	2.8	38
9	Suppression of AMPK by NRF2/SKN1 downregulates autophagy during prolonged oxidative stress. FASEB Journal, 2019, 33, 2372-2387.	0.5	37
10	A Systems Biological View of Life-and-Death Decision with Respect to Endoplasmic Reticulum Stress – The Role of PERK Pathway. International Journal of Molecular Sciences, 2017, 18, 58.	4.1	29
11	Fine-tuning of AMPK-ULK1-mTORC1 regulatory triangle is crucial for autophagy oscillation. Scientific Reports, 2020, 10, 17803.	3.3	29
12	Vitamin C and Cell Death. Antioxidants and Redox Signaling, 2021, 34, 831-844.	5.4	29
13	NRF2-regulated cell cycle arrest at early stage of oxidative stress response mechanism. PLoS ONE, 2018, 13, e0207949.	2.5	27
14	The Interrelationship of Pharmacologic Ascorbate Induced Cell Death and Ferroptosis. Pathology and Oncology Research, 2019, 25, 669-679.	1.9	21
15	GADD34 Keeps the mTOR Pathway Inactivated in Endoplasmic Reticulum Stress Related Autophagy. PLoS ONE, 2016, 11, e0168359.	2.5	18
16	Multiple system-level feedback loops control life-and-death decisions in endoplasmic reticulum stress. FEBS Letters, 2020, 594, 1112-1123.	2.8	11
17	Autophagy-dependent survival is controlled with a unique regulatory network upon various cellular stress events. Cell Death and Disease, 2021, 12, 309.	6.3	10
18	A systems genomics approach to uncover patient-specific pathogenic pathways and proteins in ulcerative colitis. Nature Communications, 2022, 13, 2299.	12.8	9

#	ARTICLE	IF	CITATIONS
19	Therapeutic Approach of KRAS Mutant Tumours by the Combination of Pharmacologic Ascorbate and Chloroquine. <i>Biomolecules</i> , 2021, 11, 652.	4.0	7
20	Depletion of Luminal Pyridine Nucleotides in the Endoplasmic Reticulum Activates Autophagy with the Involvement of mTOR Pathway. <i>BioMed Research International</i> , 2013, 2013, 1-9.	1.9	6
21	Computational modelling of meiotic entry and commitment. <i>Scientific Reports</i> , 2018, 8, 180.	3.3	3
22	Chloroquine and COVID-19â€™s systems biology model uncovers the drugâ€™s detrimental effect on autophagy and explains its failure. <i>PLoS ONE</i> , 2022, 17, e0266337.	2.5	3
23	Systems-level feedback regulation of cell cycle transitions in <i>Ostreococcus tauri</i> . <i>Plant Physiology and Biochemistry</i> , 2018, 126, 39-46.	5.8	2