

# 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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642732

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docs citations

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times ranked

1544  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chloroquine and COVID-19 – A systems biology model uncovers the drug’s detrimental effect on autophagy and explains its failure. PLoS ONE, 2022, 17, e0266337.	2.5	3
2	A systems genomics approach to uncover patient-specific pathogenic pathways and proteins in ulcerative colitis. Nature Communications, 2022, 13, 2299.	12.8	9
3	Vitamin C and Cell Death. Antioxidants and Redox Signaling, 2021, 34, 831-844.	5.4	29
4	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
5	Therapeutic Approach of KRAS Mutant Tumours by the Combination of Pharmacologic Ascorbate and Chloroquine. Biomolecules, 2021, 11, 652.	4.0	7
6	Multiple system-level feedback loops control life-and-death decisions in endoplasmic reticulum stress. FEBS Letters, 2020, 594, 1112-1123.	2.8	11
7	Fine-tuning of AMPK-ULK1-mTORC1 regulatory triangle is crucial for autophagy oscillation. Scientific Reports, 2020, 10, 17803.	3.3	29
8	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
9	The Interrelationship of Pharmacologic Ascorbate Induced Cell Death and Ferroptosis. Pathology and Oncology Research, 2019, 25, 669-679.	1.9	21
10	Suppression of AMPK by NRF2/SKN1 downregulates autophagy during prolonged oxidative stress. FASEB Journal, 2019, 33, 2372-2387.	0.5	37
11	Systems-level feedback regulation of cell cycle transitions in <i>Ostreococcus tauri</i> . Plant Physiology and Biochemistry, 2018, 126, 39-46.	5.8	2
12	Computational modelling of meiotic entry and commitment. Scientific Reports, 2018, 8, 180.	3.3	3
13	NRF2-regulated cell cycle arrest at early stage of oxidative stress response mechanism. PLoS ONE, 2018, 13, e0207949.	2.5	27
14	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
15	Systems-Level Feedbacks of NRF2 Controlling Autophagy upon Oxidative Stress Response. Antioxidants, 2018, 7, 39.	5.1	47
16	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
17	GADD34 Keeps the mTOR Pathway Inactivated in Endoplasmic Reticulum Stress Related Autophagy. PLoS ONE, 2016, 11, e0168359.	2.5	18
18	A Comprehensive Systems Biological Study of Autophagy-Apoptosis Crosstalk during Endoplasmic Reticulum Stress. BioMed Research International, 2015, 2015, 1-12.	1.9	44

#	ARTICLE	IF	CITATIONS
19	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
20	A cellular stress-directed bistable switch controls the crosstalk between autophagy and apoptosis. Molecular BioSystems, 2013, 9, 296-306.	2.9	62
21	Depletion of Luminal Pyridine Nucleotides in the Endoplasmic Reticulum Activates Autophagy with the Involvement of mTOR Pathway. BioMed Research International, 2013, 2013, 1-9.	1.9	6
22	Bistability by multiple phosphorylation of regulatory proteins. Progress in Biophysics and Molecular Biology, 2009, 100, 47-56.	2.9	74
23	System-level feedbacks control cell cycle progression. FEBS Letters, 2009, 583, 3992-3998.	2.8	38