

Michael J Petris

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23
papers

537
citations

14
h-index

23
g-index

25
ext. papers

1,006
ext. citations

8.1
avg, IF

3.73
L-index

#	Paper	IF	Citations
23	Connecting copper and cancer: from transition metal signalling to metalloplasia. <i>Nature Reviews Cancer</i> , 2021 ,	31.3	48
22	Ceruloplasmin as a source of Cu for a fungal pathogen. <i>Journal of Inorganic Biochemistry</i> , 2021 , 219, 1114-1124	4.2	2
21	Copper metabolism as a unique vulnerability in cancer. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021 , 1868, 118893	4.9	37
20	Elesclomol alleviates Menkes pathology and mortality by escorting Cu to cuproenzymes in mice. <i>Science</i> , 2020 , 368, 620-625	33.3	20
19	Metallothioneins regulate ATP7A trafficking and control cell viability during copper deficiency and excess. <i>Scientific Reports</i> , 2020 , 10, 7856	4.9	10
18	P2Y receptors mediate nucleotide-induced EGFR phosphorylation and stimulate proliferation and tumorigenesis of head and neck squamous cell carcinoma cell lines. <i>Oral Oncology</i> , 2020 , 109, 104808	4.4	6
17	Changes in mammalian copper homeostasis during microbial infection. <i>Metallomics</i> , 2020 , 12, 416-426	4.5	10
16	ATP7A delivers copper to the lysyl oxidase family of enzymes and promotes tumorigenesis and metastasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 6836-6841	11.5	47
15	Adipocyte-specific disruption of ATPase copper transporting β in mice accelerates lipodystrophy. <i>Diabetologia</i> , 2019 , 62, 2340-2353	10.3	7
14	Rare Disease Mechanisms Identified by Genealogical Proteomics of Copper Homeostasis Mutant Pedigrees. <i>Cell Systems</i> , 2018 , 6, 368-380.e6	10.6	13
13	The mitochondrial metallochaperone SCO1 maintains CTR1 at the plasma membrane to preserve copper homeostasis in the murine heart. <i>Human Molecular Genetics</i> , 2017 , 26, 4617-4628	5.6	12
12	A Role for The ATP7A Copper Transporter in Tumorigenesis and Cisplatin Resistance. <i>Journal of Cancer</i> , 2017 , 8, 1952-1958	4.5	30
11	Host and Pathogen Copper-Transporting P-Type ATPases Function Antagonistically during Salmonella Infection. <i>Infection and Immunity</i> , 2017 , 85,	3.7	39
10	The interactome of the copper transporter ATP7A belongs to a network of neurodevelopmental and neurodegeneration factors. <i>ELife</i> , 2017 , 6,	8.9	46
9	The Menkes and Wilson disease genes counteract in copper toxicosis in Labrador retrievers: a new canine model for copper-metabolism disorders. <i>DMM Disease Models and Mechanisms</i> , 2016 , 9, 25-38	4.1	46
8	Molecular basis of neurodegeneration and neurodevelopmental defects in Menkes disease. <i>Neurobiology of Disease</i> , 2015 , 81, 154-61	7.5	29
7	X-linked spinal muscular atrophy in mice caused by autonomous loss of ATP7A in the motor neuron. <i>Journal of Pathology</i> , 2015 , 236, 241-50	9.4	23

6	Autonomous requirements of the Menkes disease protein in the nervous system. <i>American Journal of Physiology - Cell Physiology</i> , 2015 , 309, C660-8	5-4	14
5	Omeprazole, a gastric proton pump inhibitor, inhibits melanogenesis by blocking ATP7A trafficking. <i>Journal of Investigative Dermatology</i> , 2015 , 135, 834-841	4-3	17
4	The Mitochondrial Metallochaperone SCO1 Is Required to Sustain Expression of the High-Affinity Copper Transporter CTR1 and Preserve Copper Homeostasis. <i>Cell Reports</i> , 2015 , 10, 933-943	10-6	24
3	Increased Expression of TGF- β Signaling Components in a Mouse Model of Fibrosis Induced by Submandibular Gland Duct Ligation. <i>PLoS ONE</i> , 2015 , 10, e0123641	3-7	27
2	Separation of zinc-dependent and zinc-independent events during early LPS-stimulated TLR4 signaling in macrophage cells. <i>FEBS Letters</i> , 2014 , 588, 2928-35	3-8	19
1	P2Y2 nucleotide receptor activation enhances the aggregation and self-organization of dispersed salivary epithelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2014 , 307, C83-96	5-4	11