

# Michael J Petris

## List of Publications by Citations

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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> , <b>2021</b> ,	31.3	48
22	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> , <b>2019</b> , 116, 6836-6841	11.5	47
21	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> , <b>2016</b> , 9, 25-38	4.1	46
20	The interactome of the copper transporter ATP7A belongs to a network of neurodevelopmental and neurodegeneration factors. <i>ELife</i> , <b>2017</b> , 6,	8.9	46
19	Host and Pathogen Copper-Transporting P-Type ATPases Function Antagonistically during Salmonella Infection. <i>Infection and Immunity</i> , <b>2017</b> , 85,	3.7	39
18	Copper metabolism as a unique vulnerability in cancer. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2021</b> , 1868, 118893	4.9	37
17	A Role for The ATP7A Copper Transporter in Tumorigenesis and Cisplatin Resistance. <i>Journal of Cancer</i> , <b>2017</b> , 8, 1952-1958	4.5	30
16	Molecular basis of neurodegeneration and neurodevelopmental defects in Menkes disease. <i>Neurobiology of Disease</i> , <b>2015</b> , 81, 154-61	7.5	29
15	Increased Expression of TGF- $\beta$ Signaling Components in a Mouse Model of Fibrosis Induced by Submandibular Gland Duct Ligation. <i>PLoS ONE</i> , <b>2015</b> , 10, e0123641	3.7	27
14	The Mitochondrial Metallochaperone SCO1 Is Required to Sustain Expression of the High-Affinity Copper Transporter CTR1 and Preserve Copper Homeostasis. <i>Cell Reports</i> , <b>2015</b> , 10, 933-943	10.6	24
13	X-linked spinal muscular atrophy in mice caused by autonomous loss of ATP7A in the motor neuron. <i>Journal of Pathology</i> , <b>2015</b> , 236, 241-50	9.4	23
12	Elesclomol alleviates Menkes pathology and mortality by escorting Cu to cuproenzymes in mice. <i>Science</i> , <b>2020</b> , 368, 620-625	33.3	20
11	Separation of zinc-dependent and zinc-independent events during early LPS-stimulated TLR4 signaling in macrophage cells. <i>FEBS Letters</i> , <b>2014</b> , 588, 2928-35	3.8	19
10	Omeprazole, a gastric proton pump inhibitor, inhibits melanogenesis by blocking ATP7A trafficking. <i>Journal of Investigative Dermatology</i> , <b>2015</b> , 135, 834-841	4.3	17
9	Autonomous requirements of the Menkes disease protein in the nervous system. <i>American Journal of Physiology - Cell Physiology</i> , <b>2015</b> , 309, C660-8	5.4	14
8	Rare Disease Mechanisms Identified by Genealogical Proteomics of Copper Homeostasis Mutant Pedigrees. <i>Cell Systems</i> , <b>2018</b> , 6, 368-380.e6	10.6	13
7	The mitochondrial metallochaperone SCO1 maintains CTR1 at the plasma membrane to preserve copper homeostasis in the murine heart. <i>Human Molecular Genetics</i> , <b>2017</b> , 26, 4617-4628	5.6	12

6	P2Y2 nucleotide receptor activation enhances the aggregation and self-organization of dispersed salivary epithelial cells. <i>American Journal of Physiology - Cell Physiology</i> , <b>2014</b> , 307, C83-96	5.4	11
5	Metallothioneins regulate ATP7A trafficking and control cell viability during copper deficiency and excess. <i>Scientific Reports</i> , <b>2020</b> , 10, 7856	4.9	10
4	Changes in mammalian copper homeostasis during microbial infection. <i>Metallomics</i> , <b>2020</b> , 12, 416-426	4.5	10
3	Adipocyte-specific disruption of ATPase copper transporting $\beta$ in mice accelerates lipotrophy. <i>Diabetologia</i> , <b>2019</b> , 62, 2340-2353	10.3	7
2	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> , <b>2020</b> , 109, 104808	4.4	6
1	Ceruloplasmin as a source of Cu for a fungal pathogen. <i>Journal of Inorganic Biochemistry</i> , <b>2021</b> , 219, 111424	4.2	2