

# Andrey A Poloznikov

## 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.

26  
papers

227  
citations

9  
h-index

14  
g-index

30  
ext. papers

321  
ext. citations

5.1  
avg, IF

3.04  
L-index

#	Paper	IF	Citations
26	Bach1 derepression is neuroprotective in a mouse model of Parkinson's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	6
25	Challenges and Limitations of Targeting the Keap1-Nrf2 Pathway for Neurotherapeutics: Bach1 De-Repression to the Rescue. <i>Frontiers in Aging Neuroscience</i> , <b>2021</b> , 13, 673205	5.3	6
24	Effect of the Expression of and Genes on the Metastatic Potential of Breast Cancer Cells. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 662843	4.5	2
23	Highly Sensitive Hydrogen Peroxide Biosensor Based on Tobacco Peroxidase Immobilized on p-Phenylenediamine Diazonium Cation Grafted Carbon Nanotubes: Preventing Fenton-like Inactivation at Negative Potential. <i>ChemElectroChem</i> , <b>2021</b> , 8, 2495-2504	4.3	0
22	Identification of a potent Nrf2 displacement activator among aspirin-containing prodrugs. <i>Neurochemistry International</i> , <b>2021</b> , 149, 105148	4.4	
21	9-ING-41, a Small Molecule Inhibitor of GSK-3 $\beta$ Potentiates the Effects of Chemotherapy on Colorectal Cancer Cells.. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 777114	5.6	
20	A Post-Processing Algorithm for miRNA Microarray Data. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	8
19	Selective changes in expression of integrin $\beta$ subunits in the intestinal epithelial Caco-2 cells under conditions of hypoxia and microcirculation. <i>Bulletin of Russian State Medical University</i> , <b>2020</b> ,	0.4	1
18	Influence of tryptophan mutation on the direct electron transfer of immobilized tobacco peroxidase. <i>Electrochimica Acta</i> , <b>2020</b> , 351, 136465	6.7	4
17	Neuroprotective Effect of HIF Prolyl Hydroxylase Inhibition in an In Vitro Hypoxia Model. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	6
16	Breast cancer organoid model allowed to reveal potentially beneficial combinations of 3,3'-diindolylmethane and chemotherapy drugs. <i>Biochimie</i> , <b>2020</b> , 179, 217-227	4.6	5
15	HIF Prolyl Hydroxylase Inhibitors for COVID-19 Treatment: Pros and Cons. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 621054	5.6	4
14	"Branched Tail" Oxyquinoline Inhibitors of HIF Prolyl Hydroxylase: Early Evaluation of Toxicity and Metabolism Using Liver-on-a-chip. <i>Drug Metabolism Letters</i> , <b>2019</b> , 13, 45-52	2.1	5
13	Towards embedding Caco-2 model of gut interface in a microfluidic device to enable multi-organ models for systems biology. <i>BMC Systems Biology</i> , <b>2019</b> , 13, 19	3.5	12
12	Impedance Spectroscopy as a Tool for Monitoring Performance in 3D Models of Epithelial Tissues. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2019</b> , 7, 474	5.8	27
11	-Regulating miR-4274 and Its Host Gene Play a Role in -Dependent Effects on Phenotype of Basal-Like Breast Cancer. <i>Frontiers in Molecular Biosciences</i> , <b>2019</b> , 6, 122	5.6	8
10	The Fe (III)/Fe(II) redox couple as a probe of immobilized tobacco peroxidase: Effect of the immobilization protocol. <i>Electrochimica Acta</i> , <b>2019</b> , 299, 55-61	6.7	7

9	Activation of Nrf2 and Hypoxic Adaptive Response Contribute to Neuroprotection Elicited by Phenylhydroxamic Acid Selective HDAC6 Inhibitors. <i>ACS Chemical Neuroscience</i> , <b>2018</b> , 9, 894-900	5.7	20
8	Highly sensitive, stable and selective hydrogen peroxide amperometric biosensors based on peroxidases from different sources wired by Os-polymer: A comparative study. <i>Solid State Ionics</i> , <b>2018</b> , 314, 178-186	3.3	17
7	L-ascorbic acid: A true substrate for HIF prolyl hydroxylase?. <i>Biochimie</i> , <b>2018</b> , 147, 46-54	4.6	14
6	In vitro and in silico liver models: Current trends, challenges and opportunities. <i>ALTEX: Alternatives To Animal Experimentation</i> , <b>2018</b> , 35, 397-412	4.3	23
5	Which cytochrome P450 metabolizes phenazepam? Step by step in silico, in vitro, and in vivo studies. <i>Drug Metabolism and Personalized Therapy</i> , <b>2018</b> , 33, 65-73	2	8
4	Bioactive Flavonoids and Catechols as Hif1 and Nrf2 Protein Stabilizers - Implications for Parkinson's Disease <b>2016</b> , 7, 745-762		14
3	Fenton-like Inactivation of Tobacco Peroxidase Electrocatalysis at Negative Potentials. <i>ACS Catalysis</i> , <b>2016</b> , 6, 7452-7457	13.1	12
2	Interprotein Coupling Enhances the Electrocatalytic Efficiency of Tobacco Peroxidase Immobilized at a Graphite Electrode. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 10807-14	7.8	15
1	Fullerene-Interfaced Porphyrin Ligand in Affinity Chromatography of Membrane Proteins. <i>Chromatographia</i> , <b>2008</b> , 68, 295-298	2.1	2