# Andrey A Poloznikov

List of Publications by Year
in descending order



| 29 | 418 | 687220 13 | 794469 19 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 30 | 30 | 30 | 623 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Impedance Spectroscopy as a Tool for Monitoring Performance in 3D Models of Epithelial Tissues. Frontiers in Bioengineering and Biotechnology, 2019, 7, 474. | 2.0 | 61 |
| 2 | In vitro and in silico liver models: Current trends, challenges and opportunities. ALTEX: Alternatives To Animal Experimentation, 2018, 35, 397-412. | 0.9 | 32 |
| 3 | Activation of Nrf2 and Hypoxic Adaptive Response Contribute to Neuroprotection Elicited by Phenylhydroxamic Acid Selective HDAC6 Inhibitors. ACS Chemical Neuroscience, 2018, 9, 894-900. | 1.7 | 26 |
| 4 | Bach1 derepression is neuroprotective in a mouse model of Parkinsonâ€™s disease. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 3.3 | 26 |
| 5 | Highly sensitive, stable and selective hydrogen peroxide amperometric biosensors based on peroxidases from different sources wired by Os-polymer: A comparative study. Solid State Ionics, 2018, 314, 178-186. | 1.3 | 23 |
| 6 | Challenges and Limitations of Targeting the Keap1-Nrf2 Pathway for Neurotherapeutics: Bach1 De-Repression to the Rescue. Frontiers in Aging Neuroscience, 2021, 13, 673205. | 1.7 | 22 |
| 7 | Towards embedding Caco-2 model of gut interface in a microfluidic device to enable multi-organ models for systems biology. BMC Systems Biology, 2019, 13, 19. | 3.0 | 20 |
| 8 | L-ascorbic acid: A true substrate for HIF prolyl hydroxylase?. Biochimie, 2018, 147, 46-54. | 1.3 | 19 |
| 9 | HIF Prolyl Hydroxylase Inhibitors for COVID-19 Treatment: Pros and Cons. Frontiers in Pharmacology, 2020, 11, 621054. | 1.6 | 19 |
| 10 | LAMA4-Regulating miR-4274 and Its Host Gene SORCS2 Play a Role in IGFBP6-Dependent Effects on Phenotype of Basal-Like Breast Cancer. Frontiers in Molecular Biosciences, 2019, 6, 122. | 1.6 | 18 |
| 11 | Neuroprotective Effect of HIF Prolyl Hydroxylase Inhibition in an In Vitro Hypoxia Model. Antioxidants, 2020, 9, 662. | 2.2 | 18 |
| 12 | Bioactive Flavonoids and Catechols as Hif1 and Nrf2 Protein Stabilizers - Implications for Parkinsonâ€™s Disease. , 2016, 7, 745. | | 17 |
| 13 | A Post-Processing Algorithm for miRNA Microarray Data. International Journal of Molecular Sciences, 2020, 21, 1228. | 1.8 | 17 |
| 14 | Interprotein Coupling Enhances the Electrocatalytic Efficiency of Tobacco Peroxidase Immobilized at a Graphite Electrode. Analytical Chemistry, 2015, 87, 10807-10814. | 3.2 | 15 |
| 15 | Fenton-like Inactivation of Tobacco Peroxidase Electrocatalysis at Negative Potentials. ACS Catalysis, 2016, 6, 7452-7457. | 5.5 | 14 |
| 16 | Breast cancer organoid model allowed to reveal potentially beneficial combinations of 3,3â€²-diindolylmethane and chemotherapy drugs. Biochimie, 2020, 179, 217-227. | 1.3 | 13 |
| 17 | Which cytochrome P450 metabolizes phenazepam? Step by step in silico, in vitro, and in vivo studies. Drug Metabolism and Personalized Therapy, 2018, 33, 65-73. | 0.3 | 10 |
| 18 | Influence of tryptophan mutation on the direct electron transfer of immobilized tobacco peroxidase. Electrochimica Acta, 2020, 351, 136465. | 2.6 | 8 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | The Fe (III)/Fe(II) redox couple as a probe of immobilized tobacco peroxidase: Effect of the immobilization protocol. Electrochimica Acta, 2019, 299, 55-61. | 2.6 | 7 |
| 20 | Effect of the Expression of ELOVL5 and IGFBP6 Genes on the Metastatic Potential of Breast Cancer Cells. Frontiers in Genetics, 2021, 12, 662843. | 1.1 | 6 |
| 21 | â€œBranched Tailâ€•Oxyquinoline Inhibitors of HIF Prolyl Hydroxylase: Early Evaluation of Toxicity and Metabolism Using Liver-on-a-chip. Drug Metabolism Letters, 2019, 13, 45-52. | 0.5 | 5 |
| 22 | Highly Sensitive Hydrogen Peroxide Biosensor Based on Tobacco Peroxidase Immobilized on pâ€Phenylenediamine Diazonium Cation Grafted Carbon Nanotubes: Preventing Fentonâ€like Inactivation at Negative Potential. ChemElectroChem, 2021, 8, 2495-2504. | 1.7 | 4 |
| 23 | Identification of a potent Nrf2 displacement activator among aspirin-containing prodrugs. Neurochemistry International, 2021, 149, 105148. | 1.9 | 4 |
| 24 | Probable Mechanisms of Doxorubicin Antitumor Activity Enhancement by Ginsenoside Rh2. Molecules, 2022, 27, 628. | 1.7 | 4 |
| 25 | Fullereneâ€“Interfaced Porphyrin Ligand in Affinity Chromatography of Membrane Proteins. Chromatographia, 2008, 68, 295-298. | 0.7 | 3 |
| 26 | 9-ING-41, a Small Molecule Inhibitor of GSK-3Î², Potentiates the Effects of Chemotherapy on Colorectal Cancer Cells. Frontiers in Pharmacology, 2021, 12, 777114. | 1.6 | 3 |
| 27 | Structureâ€“Activity Relationships and Transcriptomic Analysis of Hypoxia-Inducible Factor Prolyl Hydroxylase Inhibitors. Antioxidants, 2022, 11, 220. | 2.2 | 2 |
| 28 | Selective changes in expression of integrin Î±-subunits in the intestinal epithelial Caco-2 cells under conditions of hypoxia and microcirculation. Bulletin of Russian State Medical University, 2020, , . | 0.3 | 1 |
| 29 | A method for rapid generation of model intestinal barriers in vitro. Bulletin of Russian State Medical University, 2020, , . | 0.3 | 0 |