

Alzbeta Hulikova

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1583471/publications.pdf>

Version: 2024-02-01

11
papers

370
citations

1307594

7
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

640
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbonic anhydrase IX is a pH-stat that sets an acidic tumour extracellular pH in vivo. British Journal of Cancer, 2018, 119, 622-630.	6.4	93
2	Disrupting Hypoxia-Induced Bicarbonate Transport Acidifies Tumor Cells and Suppresses Tumor Growth. Cancer Research, 2016, 76, 3744-3755.	0.9	81
3	Dual Role of CO ₂ /HCO ₃ ⁻ Buffer in the Regulation of Intracellular pH of Three-dimensional Tumor Growths. Journal of Biological Chemistry, 2011, 286, 13815-13826.	3.4	75
4	Stromal uptake and transmission of acid is a pathway for venting cancer cell-generated acid. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5344-53.	7.1	38
5	Rapid CO ₂ permeation across biological membranes: implications for CO ₂ venting from tissue. FASEB Journal, 2014, 28, 2762-2774.	0.5	35
6	Single-cell O ₂ exchange imaging shows that cytoplasmic diffusion is a dominant barrier to efficient gas transport in red blood cells. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10067-10078.	7.1	22
7	Normoxic cells remotely regulate the acid-base balance of cells at the hypoxic core of connexin-coupled tumor growths. FASEB Journal, 2018, 32, 83-96.	0.5	21
8	Alkaline nucleoplasm facilitates contractile gene expression in the mammalian heart. Basic Research in Cardiology, 2022, 117, 17.	5.9	3
9	Detection of Intravascular Hemolysis in Newborn Infants Using Urinary Carbonic Anhydrase I Immunoreactivity. Journal of Applied Laboratory Medicine, The, 2020, 5, 921-934.	1.3	1
10	Development of model systems for analysis of effects of cell-cell and cell-microenvironment interactions on pH regulatory proteins in breast cancer. FASEB Journal, 2013, 27, 471.4.	0.5	1
11	Development of complex model systems for analysis of cell-cell and cell-microenvironment interactions in breast cancer. FASEB Journal, 2012, 26, 1064.1.	0.5	0