Iva Slaninova

List of Publications by Year
in descending order

28 papers	5,568 citations	471477 17 h-index	501174 28 g-index
28 all docs	28 docs citations	28 times ranked	14548 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Comparative study of mouse and human feeder cells for human embryonic stem cells. International Journal of Developmental Biology, 2008, 52, 353-363.	0.6	132
3	Influence of dietary phenolic acids on redox status of iron: Ferrous iron autoxidation and ferric iron reduction. Food Chemistry, 2008, 106, 650-660.	8.2	79
4	Antitumour activities of sanguinarine and related alkaloids. Phytochemistry Reviews, 2014, 13, 51-68.	6.5	78
5	Cell wall and cytoskeleton reorganization as the response to hyperosmotic shock in Saccharomyces cerevisiae. Archives of Microbiology, 2000, 173, 245-252.	2.2	69
6	New and facile method of preparation of the anti-HIV-1 agent, 1,3-dicaffeoylquinic acid. Tetrahedron Letters, 2001, 42, 3383-3385.	1.4	55
7	Benzo[c]phenanthridine alkaloids exhibit strong anti-proliferative activity in malignant melanoma cells regardless of their p53 status. Journal of Dermatological Science, 2011, 62, 22-35.	1.9	55
8	Fluorescence properties of selected benzo[c]phenantridine alkaloids and studies of their interaction with CT DNA. Analytical and Bioanalytical Chemistry, 2009, 394, 997-1002.	3.7	43
9	Five steps to form neural rosettes: structure and function. Journal of Cell Science, 2018, 131, .	2.0	40
10	Quaternary benzo[c]phenanthridine alkaloidsâ€"novel cell permeant and red fluorescing DNA probes. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2007, 71A, 700-708.	1.5	38
11	Necroptosis modulated by autophagy is a predominant form of melanoma cell death induced by sanguilutine. Biological Chemistry, 2012, 393, 647-658.	2.5	33
12	Screening of Minor Benzo(c.)phenanthridine Alkaloids for Antiproliferative and Apoptotic Activities. Pharmaceutical Biology, 2007, 45, 131-139.	2.9	31
13	Characterization of Phenolic Compounds and Antiproliferative Effects of Salvia pomifera and Salvia fruticosa Extracts. Molecules, 2019, 24, 2921.	3.8	28
14	Screening of Natural Compounds as P-Glycoprotein Inhibitors against Multidrug Resistance. Biomedicines, 2021, 9, 357.	3.2	28
15	Characterization of four <i>Escherichia albertii</i> isolates collected from animals living in Antarctica and Patagonia. Journal of Veterinary Medical Science, 2018, 80, 138-146.	0.9	25
16	Identification of Key Structural Characteristics of Schisandra chinensis Lignans Involved in P-Glycoprotein Inhibition. Journal of Natural Products, 2014, 77, 2255-2263.	3.0	21
17	Benzimidazoles Downregulate Mdm2 and MdmX and Activate p53 in MdmX Overexpressing Tumor Cells. Molecules, 2019, 24, 2152.	3.8	21
18	Sanguinarine is reduced by NADH through a covalent adduct. Phytochemistry, 2018, 145, 77-84.	2.9	14

#	Article	IF	Citations
19	Dual Targeting of BRAF and mTOR Signaling in Melanoma Cells with Pyridinyl Imidazole Compounds. Cancers, 2020, 12, 1516.	3.7	13
20	Identification of metabolites of selected benzophenanthridine alkaloids and their toxicity evaluation. Journal of Pharmaceutical and Biomedical Analysis, 2016, 121, 174-180.	2.8	12
21	Topology of microtubules and actin in the life cycle of Xanthophyllomyces dendrorhous (Phaffia) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.7	8
22	Introduction of macarpine as a novel cellâ€permeant DNA dye for live cell imaging and flow cytometry sorting. Biology of the Cell, 2016, 108, 1-18.	2.0	8
23	Immunodetection of spectrin-like proteins in yeasts. Canadian Journal of Microbiology, 2003, 49, 189-196.	1.7	7
24	Alkaloid chelirubine and DNA: Blue and red luminescence. Talanta, 2013, 105, 317-319.	5.5	7
25	Seasonal variation in alkaloid composition and antiproliferative activity of Stylophorum lasiocarpum (Oliv.) Fedde. Chemical Papers, 2015, 69, .	2.2	7
26	A Single Conserved Amino Acid Residue as a Critical Context-Specific Determinant of the Differential Ability of Mdm2 and MdmX RING Domains to Dimerize. Frontiers in Physiology, 2019, 10, 390.	2.8	7
27	Loss of FADD and Caspases Affects the Response of T-Cell Leukemia Jurkat Cells to Anti-Cancer Drugs. International Journal of Molecular Sciences, 2021, 22, 2702.	4.1	7
28	Substituted 2-hydroxy-N-(arylalkyl)benzamide sensitizes cancer cells to metabolic stress by disrupting actin cytoskeleton and inhibiting autophagic flux. Toxicology in Vitro, 2016, 37, 70-78.	2.4	1