Roman Mezencev

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9269933/publications.pdf

Version: 2024-02-01

70 papers	2,361 citations	201658 27 h-index	223791 46 g-index
75 all docs	75 docs citations	75 times ranked	4542 citing authors

#	Article	IF	Citations
1	CHEK2p.I157T Mutation Is Associated with Increased Risk of Adult-Type Ovarian Granulosa Cell Tumors. Cancers, 2022, 14, 1208.	3.7	0
2	Breast Milk as Route of Tick-Borne Encephalitis Virus Transmission from Mother to Infant. Emerging Infectious Diseases, 2022, 28, 1060-1061.	4.3	10
3	Design and synthesis of novel tacrineâ€“indole hybrids as potential multitarget-directed ligands for the treatment of Alzheimer's disease. Future Medicinal Chemistry, 2021, 13, 785-804.	2.3	5
4	Abstract LB230: Inactivation of the CFTR gene in duodena of mice exposed to hexavalent chromium (Cr(VI)) in drinking water supports its tumor-suppressor status and implies its role in Cr(VI)-induced carcinogenesis of the small intestines. , 2021, , .		0
5	GRADE Guidelines 30: the GRADE approach to assessing the certaintyÂof modeled evidenceâ€”An overview in the context of healthÂdecision-making. Journal of Clinical Epidemiology, 2021, 129, 138-150.	5.0	81
6	Inferred inactivation of the Cftr gene in the duodena of mice exposed to hexavalent chromium (Cr(VI)) in drinking water supports its tumor-suppressor status and implies its potential role in Cr(VI)-induced carcinogenesis of the small intestines. Toxicology and Applied Pharmacology, 2021, 433, 115773.	2.8	7
7	Targeted next generation sequencing of <scp>MLH1</scp>â€deficient, <scp>MLH1</scp> promoter hypermethylated, and <scp>BRAF</scp>/<scp>RAS</scp>â€wildâ€type colorectal adenocarcinomas is effective in detecting tumors with actionable oncogenic gene fusions. Genes Chromosomes and Cancer, 2020, 59, 562-568.	2.8	14
8	The sensitivity of transcriptomics BMD modeling to the methods used for microarray data normalization. PLoS ONE, 2020, 15, e0232955.	2.5	5
9	Solitary fibrous tumors of the head and neck region revisited: a single-institution study of 20 cases and review of the literature. Human Pathology, 2020, 99, 1-12.	2.0	10
10	Risk of Alzheimerâ€™s Disease in Cancer Patients: Analysis of Mortality Data from the US SEER Population-Based Registries. Cancers, 2020, 12, 796.	3.7	15
11	The use of evidence from high-throughput screening and transcriptomic data in human health risk assessments. Toxicology and Applied Pharmacology, 2019, 380, 114706.	2.8	16
12	Fibro-osseous pseudotumor of digits and myositis ossificans show consistent COL1A1-USP6 rearrangement: a clinicopathological and genetic study of 27 cases. Human Pathology, 2019, 88, 39-47.	2.0	51
13	Triple marker composed of p16, CD56, and TTF1 shows higher sensitivity than INSM1 for diagnosis of pulmonary small cell carcinoma: proposal for a rational immunohistochemical algorithm for diagnosis of small cell carcinoma in small biopsy and cytology specimens. Human Pathology, 2019, 85, 58-64.	2.0	21
14	Chronic dissecting aneurysm of ascending aorta with a large intramural thrombus and isolated aortic defects. Ceskoslovenska Patologie, 2019, 55, 115-119.	0.1	0
15	Microfluidic cell sorting by stiffness to examine heterogenic responses of cancer cells to chemotherapy. Cell Death and Disease, 2018, 9, 239.	6.3	52
16	Leiomyosarcoma of the stomach with metastasis to the liver: a case report with review of the literature. Future Science OA, 2018, 4, FSO264.	1.9	9
17	P16 is a useful supplemental diagnostic marker of pulmonary small cell carcinoma in small biopsies and cytology specimens. Annals of Diagnostic Pathology, 2018, 33, 23-29.	1.3	14
18	Design, synthesis and anticancer activity of trifluoromethylphenylamino substituted spiroindoles. Journal of Fluorine Chemistry, 2018, 216, 24-32.	1.7	11

#	Article	IF	Citations
19	Slovakia reports highest occurrence of alimentary tick-borne encephalitis in Europe: Analysis of tick-borne encephalitis outbreaks in Slovakia during 2007â€“2016. Travel Medicine and Infectious Disease, 2018, 26, 37-42.	3.0	39
20	Cisplatin binds to pre-miR-200b and impairs its processing to mature microRNA. Neoplasma, 2018, 65, 222-227.	1.6	5
21	Hormone receptor status of contralateral breast cancers: analysis of data from the US SEER population-based registries. Breast Cancer, 2017, 24, 400-410.	2.9	8
22	On Ependymomas and SOX10. Journal of Neuropathology and Experimental Neurology, 2017, 76, 155-157.	1.7	1
23	Open source machine-learning algorithms for the prediction of optimal cancer drug therapies. PLoS ONE, 2017, 12, e0186906.	2.5	85
24	Human papillomavirus and Epstein-Barr virus in nasopharyngeal carcinoma in aÂnon-endemic eastern european population. Neoplasma, 2016, 63, 107-114.	1.6	18
25	Human papillomavirus infection and p16 expression in the immunocompetent patients with extragenital/extraungual Bowenâ€™s disease. Diagnostic Pathology, 2016, 11, 53.	2.0	14
26	Acquired resistance of pancreatic cancer cells to cisplatin is multifactorial with cell context-dependent involvement of resistance genes. Cancer Gene Therapy, 2016, 23, 446-453.	4.6	34
27	Targeted in vivo delivery of EGFR siRNA inhibits ovarian cancer growth and enhances drug sensitivity. Scientific Reports, 2016, 6, 36518.	3.3	24
28	Snail-induced epithelial-to-mesenchymal transition of MCF-7 breast cancer cells: systems analysis of molecular changes and their effect on radiation and drug sensitivity. BMC Cancer, 2016, 16, 236.	2.6	38
29	Evidence for the role of microRNA 374b in acquired cisplatin resistance in pancreatic cancer cells. Cancer Gene Therapy, 2016, 23, 241-245.	4.6	34
30	Human Papillomavirus Infection and p16 Expression in Extragenital/Extraungual Bowen Disease in Immunocompromised Patients. American Journal of Dermatopathology, 2016, 38, 751-757.	0.6	9
31	SOX10 and Olig2 as negative markers for the diagnosis of ependymomas: An immunohistochemical study of 98 glial tumors. Histology and Histopathology, 2016, 31, 95-102.	0.7	14
32	Abstract 1292: Camalexin, an indole phytoalexin from Arabidopsis thaliana, displays activity against ovarian cancer stem cells. , 2016, , .		0
33	Highly-accurate metabolomic detection of early-stage ovarian cancer. Scientific Reports, 2015, 5, 16351.	3.3	65
34	OVCAR-3 Spheroid-Derived Cells Display Distinct Metabolic Profiles. PLoS ONE, 2015, 10, e0118262.	2.5	29
35	Delivery of siRNA to ovarian cancer cells using laser-activated carbon nanoparticles. Nanomedicine, 2015, 10, 1775-1784.	3.3	21
36	SNAILâ€induced epithelialâ€toâ€mesenchymal transition produces concerted biophysical changes from altered cytoskeletal gene expression. FASEB Journal, 2015, 29, 1280-1289.	0.5	53

#	Article	IF	Citations
37	Interactions of Cisplatin with non-DNA Targets and their Influence on Anticancer Activity and Drug Toxicity: The Complex World of the Platinum Complex. Current Cancer Drug Targets, 2015, 14, 794-816.	1.6	67
38	Camalexin-Induced Apoptosis in Prostate Cancer Cells Involves Alterations of Expression and Activity of Lysosomal Protease Cathepsin D. Molecules, 2014, 19, 3988-4005.	3.8	21
39	Ectopic over-expression of miR-429 induces mesenchymal-to-epithelial transition (MET) and increased drug sensitivity in metastasizing ovarian cancer cells. Gynecologic Oncology, 2014, 134, 96-103.	1.4	32
40	Mechanical stiffness as an improved single-cell indicator of osteoblastic human mesenchymal stem cell differentiation. Journal of Biomechanics, 2014, 47, 2197-2204.	2.1	61
41	Feasibility of Detecting Prostate Cancer by Ultraperformance Liquid Chromatographyâ€“Mass Spectrometry Serum Metabolomics. Journal of Proteome Research, 2014, 13, 3444-3454.	3.7	59
42	Ovarian Cancer Stem Cells. , 2014, , 1-6.		0
43	Abstract 1131: Snail- and ERK2-dependent signaling enhances breast cancer cell resistance to hydroxytamoxifen. , 2014, , .		0
44	The synthesis and anticancer activity of analogs of the indole phytoalexins brassinin, 1-methoxyspirobrassinol methyl ether and cyclobrassinin. Bioorganic and Medicinal Chemistry, 2013, 21, 6623-6633.	3.0	33
45	The phytoalexin camalexin mediates cytotoxicity towards aggressive prostate cancer cells via reactive oxygen species. Journal of Natural Medicines, 2013, 67, 607-618.	2.3	16
46	Molecular analysis of the inhibitory effect of N-acetyl-L-cysteine on the proliferation and invasiveness of pancreatic cancer cells. Anti-Cancer Drugs, 2013, 24, 504-518.	1.4	10
47	Ovarian Cancer Cell Invasiveness Correlates With Increased Cell Deformability. , 2012, , .		0
48	The effects of MicroRNA transfections on global patterns of gene expression in ovarian cancer cells are functionally coordinated. BMC Medical Genomics, 2012, 5, 33.	1.5	30
49	Identification of inhibitors of ovarian cancer stem-like cells by high-throughput screening. Journal of Ovarian Research, 2012, 5, 30.	3.0	36
50	Cell Stiffness Is a Biomarker of the Metastatic Potential of Ovarian Cancer Cells. PLoS ONE, 2012, 7, e46609.	2.5	596
51	Isolation and characterization of stem-like cells from a human ovarian cancer cell line. Molecular and Cellular Biochemistry, 2012, 363, 257-268.	3.1	78
52	Human Cells Display Reduced Apoptotic Function Relative to Chimpanzee Cells. PLoS ONE, 2012, 7, e46182.	2.5	15
53	Abstract 138: The effects of microRNA transfections on global patterns of gene expression are functionally coordinated. , 2012, , .		0
54	Abstract 5332: Snail transcription factor contributes to prostate cancer tumor progression via reactive oxygen species and Rac1 activation. , 2012, , .		0

#	Article	IF	Citations
55	Abstract LB-246: Epithelial-mesenchymal transition (EMT) does not necessarily decrease the sensitivity of cancer cells to chemotherapeutic agents. , 2012, , .		0
56	Snail-mediated regulation of reactive oxygen species in ARCaP human prostate cancer cells. Biochemical and Biophysical Research Communications, 2011, 404, 34-39.	2.1	61
57	Targeted removal of migratory tumor cells by functionalized magnetic nanoparticles impedes metastasis and tumor progression. Nanomedicine, 2011, 6, 69-78.	3.3	24
58	Camalexin induces apoptosis in T-leukemia Jurkat cells by increased concentration of reactive oxygen species and activation of caspase-8 and caspase-9. Journal of Natural Medicines, 2011, 65, 488-499.	2.3	31
59	Evidence for the Complexity of MicroRNA-Mediated Regulation in Ovarian Cancer: A Systems Approach. PLoS ONE, 2011, 6, e22508.	2.5	43
60	Subcutenous xenografts of human T-lineage acute lymphoblastic leukemia Jurkat cells in nude mice. In Vivo, 2011, 25, 603-7.	1.3	2
61	Glyoxyl analogs of indole phytoalexins: Synthesis and anticancer activity. Collection of Czechoslovak Chemical Communications, 2010, 75, 887-903.	1.0	8
62	Rapid Mass Spectrometric Metabolic Profiling of Blood Sera Detects Ovarian Cancer with High Accuracy. Cancer Epidemiology Biomarkers and Prevention, 2010, 19, 2262-2271.	2.5	74
63	The design, synthesis and anticancer activity of new nitrogen mustard derivatives of natural indole phytoalexin 1-methoxyspirobrassinol. Neoplasma, 2009, 56, 321-330.	1.6	14
64	Trypanosoma cruzi: Antiproliferative effect of indole phytoalexins on intracellular amastigotes in vitro. Experimental Parasitology, 2009, 122, 66-69.	1.2	38
65	2-(Substituted phenyl)amino analogs of 1-methoxyspirobrassinol methyl ether: Synthesis and anticancer activity. Bioorganic and Medicinal Chemistry, 2009, 17, 3698-3712.	3.0	36
66	Identification of metabolites with anticancer properties by computational metabolomics. Molecular Cancer, 2008, 7, 57.	19.2	25
67	Anticancer Properties of 2-Piperidyl Analogues of the Natural Indole Phytoalexin 1-Methoxyspirobrassinol. Chemotherapy, 2008, 54, 372-378.	1.6	25
68	Cruciferous phytoalexins: antiproliferative effects in T-Jurkat leukemic cells. Leukemia Research, 2005, 29, 415-421.	0.8	59
69	How Similar Are Poxviruses?. Science, 2005, 308, 1259-1260.	12.6	1
70	Spirocyclization strategy toward indole phytoalexins. The first synthesis of (Â±)-1-methoxyspirobrassinin, (Â±)-1-methoxyspirobrassinol, and (Â±)-1-methoxyspirobrassinol methyl ether. Tetrahedron Letters, 2002, 43, 9489-9492.	1.4	54