

Maria Cekanova

List of Publications by Year in descending order

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56
papers

1,711
citations

361045

20
h-index

276539

41
g-index

56
all docs

56
docs citations

56
times ranked

2855
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutron Radiography and Computed Tomography of Biological Systems at the Oak Ridge National Laboratory's High Flux Isotope Reactor. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	1
2	Pharmacokinetic characterization of fluorocoxib D, a cyclooxygenase-2-targeted optical imaging agent for detection of cancer. <i>Journal of Biomedical Optics</i> , 2020, 25, .	1.4	0
3	Platelet-rich plasma affects the proliferation of canine bone marrow-derived mesenchymal stromal cells in vitro. <i>BMC Veterinary Research</i> , 2019, 15, 269.	0.7	7
4	Detection of carcinogen-induced bladder cancer by fluorocoxib A. <i>BMC Cancer</i> , 2019, 19, 1152.	1.1	6
5	Detection of tyrosine kinase inhibitors-induced COX-2 expression in bladder cancer by fluorocoxib A. <i>Oncotarget</i> , 2019, 10, 5168-5180.	0.8	7
6	Aligned nanofiber material supports cell growth and increases osteogenesis in canine adipose-derived mesenchymal stem cells <i>in vitro</i> . <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 1780-1788.	2.1	21
7	Mutations of p53 decrease sensitivity to the anthracycline treatments in bladder cancer cells. <i>Oncotarget</i> , 2018, 9, 28514-28531.	0.8	8
8	Cyclooxygenase inhibitors potentiate receptor tyrosine kinase therapies in bladder cancer cells in vitro. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 1727-1742.	2.0	22
9	Abstract 885: Anthracycline-induced apoptosis through caspase3/7 activity is p53-dependent in bladder cancer cells. , 2018, , .		0
10	Inhibition of the PI3K/AKT Pathway Sensitizes Oral Squamous Cell Carcinoma Cells to Anthracycline-Based Chemotherapy In Vitro. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 2615-2624.	1.2	34
11	Molecular targets in urothelial cancer: detection, treatment, and animal models of bladder cancer. <i>Drug Design, Development and Therapy</i> , 2016, Volume 10, 3305-3322.	2.0	26
12	Evaluation of the role of the cyclooxygenase signaling pathway during inflammation in skin and muscle tissues of ball pythons (<i>Python regius</i>). <i>American Journal of Veterinary Research</i> , 2016, 77, 487-494.	0.3	16
13	Abstract 4739: The upregulation of cyclooxygenase-2 protein expression by receptor tyrosine kinase inhibitors in bladder cancer in vitro. , 2016, , .		0
14	Phosphatidylinositol- 3-kinase inhibitor induces chemosensitivity to a novel derivative of doxorubicin, AD198 chemotherapy in human bladder cancer cells in vitro. <i>BMC Cancer</i> , 2015, 15, 927.	1.1	14
15	A novel derivative of doxorubicin, AD198, inhibits canine transitional cell carcinoma and osteosarcoma cells in vitro. <i>Drug Design, Development and Therapy</i> , 2015, 9, 5323.	2.0	9
16	BCL-2 family protein, BAD is down-regulated in breast cancer and inhibits cell invasion. <i>Experimental Cell Research</i> , 2015, 331, 1-10.	1.2	25
17	A novel approach to determine post mortem interval using neutron radiography. <i>Forensic Science International</i> , 2015, 251, 11-21.	1.3	12
18	Effects of environmental carcinogen benzo(a)pyrene on canine adipose-derived mesenchymal stem cells. <i>Research in Veterinary Science</i> , 2015, 103, 34-43.	0.9	12

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19	Roles of BCL-2 and BAD in Breast Cancer. <i>Journal of Clinical & Cellular Immunology</i> , 2015, 06, .	1.5	0
20	Abstract C182: Novel derivative of doxorubicin, AD198, for treatment of bladder transitional cell carcinomas in vitro. , 2015, , .		0
21	Animal models and therapeutic molecular targets of cancer: utility and limitations. <i>Drug Design, Development and Therapy</i> , 2014, 8, 1911.	2.0	196
22	Multi-scale applications of neutron scattering and imaging. , 2014, , .		0
23	Piroxicam inhibits Masitinib-induced cyclooxygenase 2 expression in oral squamous cell carcinoma cells in vitro. <i>Translational Research</i> , 2014, 164, 158-168.	2.2	32
24	Neutron imaging at the Oak Ridge National Laboratory: Application to biological research. , 2014, , .		5
25	Neutron imaging: Detection of cancer using animal model. , 2014, , .		1
26	Animal model of naturally occurring bladder cancer: Characterization of four new canine transitional cell carcinoma cell lines. <i>BMC Cancer</i> , 2014, 14, 465.	1.1	18
27	Modulation of adipose tissue inflammation by bioactive food compounds. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 613-623.	1.9	270
28	Molecular Imaging of Cyclooxygenase-2 in Canine Transitional Cell Carcinomas <i>In Vitro</i> and <i>In Vivo</i> . <i>Cancer Prevention Research</i> , 2013, 6, 466-476.	0.7	39
29	Single-dose safety and pharmacokinetic evaluation of fluorocoxib A: pilot study of novel cyclooxygenase-2-targeted optical imaging agent in a canine model. <i>Journal of Biomedical Optics</i> , 2012, 17, 116002.	1.4	12
30	Abstract CN04-02: A novel approach to biomolecular imaging of COX-2. <i>Cancer Prevention Research</i> , 2012, 5, CN04-02-CN04-02.	0.7	0
31	P1-02-11: The BCL2 Antagonist of Death, BAD Is Down-Regulated in Breast Cancer and Inhibits Cancer Cell Invasion.. , 2011, , .		0
32	MCC-555-induced NAG-1 expression is mediated in part by KLF4. <i>European Journal of Pharmacology</i> , 2010, 637, 30-37.	1.7	14
33	Abstract 1046: BAD is a multifunctional protein in breast cancer cells. , 2010, , .		1
34	Abstract 4591: Estrogen receptor beta controls a wide variety of functions in breast cancer cells. , 2010, , .		0
35	Nonsteroidal Anti-inflammatory Drug-Activated Gene-1 Expression Inhibits Urethane-Induced Pulmonary Tumorigenesis in Transgenic Mice. <i>Cancer Prevention Research</i> , 2009, 2, 450-458.	0.7	54
36	PPAR β Agonists Down-Regulate the Expression of Atp10c mRNA during Adipogenesis. <i>The Open Obesity Journal</i> , 2009, 1, 41-48.	0.1	2

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37	Multiple mechanisms are involved in 6-gingerol-induced cell growth arrest and apoptosis in human colorectal cancer cells. <i>Molecular Carcinogenesis</i> , 2008, 47, 197-208.	1.3	181
38	Peroxisome proliferator-activated receptor ligand MCC-555 suppresses intestinal polyps in <i>ApcMin/+</i> mice via extracellular signal-regulated kinase and peroxisome proliferator-activated receptor-dependent pathways. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 2779-2787.	1.9	23
39	Gene alterations by peroxisome proliferator-activated receptor gamma agonists in human colorectal cancer cells. <i>International Journal of Oncology</i> , 2008, 32, 809-19.	1.4	13
40	Quantitative Imaging of Nanoparticles and Intracellular Vesicle Trafficking Using Total Internal Reflection Fluorescent Microscopy (TIRFM). , 2007, , 583.		0
41	Breast Cancer Cell Proliferation Is Inhibited by BAD. <i>Journal of Biological Chemistry</i> , 2007, 282, 28864-28873.	1.6	30
42	Overexpressed Raf-1 and phosphorylated cyclic adenosine 3'-5'-monophosphate response element-binding protein are early markers for lung adenocarcinoma. <i>Cancer</i> , 2007, 109, 1164-1173.	2.0	36
43	Ethanol and the Tobacco-specific Carcinogen, NNK, Contribute to Signaling in Immortalized Human Pancreatic Duct Epithelial Cells. <i>Pancreas</i> , 2006, 33, 53-62.	0.5	31
44	Pulmonary fibroblasts stimulate the proliferation of cell lines from human lung adenocarcinomas. <i>Anti-Cancer Drugs</i> , 2006, 17, 771-781.	0.7	18
45	Detection of Overexpressed COX-2 in Precancerous Lesions of Hamster Pancreas and Lungs by Molecular Imaging: Implications for Early Diagnosis and Prevention. <i>ChemMedChem</i> , 2006, 1, 603-610.	1.6	31
46	NNK activates ERK1/2 and CREB/ATF-1 via β -1-AR and EGFR signaling in human lung adenocarcinoma and small airway epithelial cells. <i>International Journal of Cancer</i> , 2006, 119, 1547-1552.	2.3	86
47	Expression of G-protein inwardly rectifying potassium channels (GIRKs) in lung cancer cell lines. <i>BMC Cancer</i> , 2005, 5, 104.	1.1	42
48	Nitrosamine 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone-induced pulmonary adenocarcinomas in Syrian golden hamsters contain beta 2-adrenergic receptor single-nucleotide polymorphisms. <i>Genes Chromosomes and Cancer</i> , 2005, 44, 212-217.	1.5	9
49	NNK-induced hamster lung adenocarcinomas over-express β 2-adrenergic and EGFR signaling pathways. <i>Lung Cancer</i> , 2005, 49, 35-45.	0.9	62
50	Expression and localization of estrogen receptor-alpha protein in normal and abnormal term placentae and stimulation of trophoblast differentiation by estradiol. <i>Reproductive Biology and Endocrinology</i> , 2003, 1, 13.	1.4	88
51	Placental expression of estrogen receptor beta and its hormone binding variant—comparison with estrogen receptor alpha and a role for estrogen receptors in asymmetric division and differentiation of estrogen-dependent cells. <i>Reproductive Biology and Endocrinology</i> , 2003, 1, 36.	1.4	83
52	Multiple luteinizing hormone receptor (LHR) protein variants, interspecies reactivity of anti-LHR mAb clone 3B5, subcellular localization of LHR in human placenta, pelvic floor and brain, and possible role for LHR in the development of abnormal pregnancy, pelvic floor disorders and Alzheimer's disease. <i>Reproductive Biology and Endocrinology</i> , 2003, 1, 46.	1.4	59
53	Effect of Acetazolamide on Hypericin Photocytotoxicity. <i>Planta Medica</i> , 2002, 68, 658-660.	0.7	19
54	Variability of Placental Expression of Cyclin E Low Molecular Weight Variants1. <i>Biology of Reproduction</i> , 2002, 67, 568-574.	1.2	5

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55	Abnormal expression of p27kip1 protein in levator ani muscle of aging women with pelvic floor disorders – a relationship to the cellular differentiation and degeneration. BMC Clinical Pathology, 2001, 1, 4.	1.8	23
56	Gene alterations by peroxisome proliferator-activated receptor β agonists in human colorectal cancer cells. International Journal of Oncology, 0, , .	1.4	8