

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	Modulation of adipose tissue inflammation by bioactive food compounds. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 613-623.	1.9	270
2	Animal models and therapeutic molecular targets of cancer: utility and limitations. <i>Drug Design, Development and Therapy</i> , 2014, 8, 1911.	2.0	196
3	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
4	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
5	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
6	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
7	NNK-induced hamster lung adenocarcinomas over-express β -adrenergic and EGFR signaling pathways. <i>Lung Cancer</i> , 2005, 49, 35-45.	0.9	62
8	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
9	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
10	Expression of G-protein inwardly rectifying potassium channels (GIRKs) in lung cancer cell lines. <i>BMC Cancer</i> , 2005, 5, 104.	1.1	42
11	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
12	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
13	Inhibition of the PI3K/AKT Pathway Sensitizes Oral Squamous Cell Carcinoma Cells to Anthracycline-Based Chemotherapy <i>In Vitro</i> . <i>Journal of Cellular Biochemistry</i> , 2017, 118, 2615-2624.	1.2	34
14	Piroxicam inhibits Masitinib-induced cyclooxygenase 2 expression in oral squamous cell carcinoma cells <i>In Vitro</i> . <i>Translational Research</i> , 2014, 164, 158-168.	2.2	32
15	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
16	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
17	Breast Cancer Cell Proliferation Is Inhibited by BAD. <i>Journal of Biological Chemistry</i> , 2007, 282, 28864-28873.	1.6	30
18	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

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19	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
20	Abnormal expression of p27kip1 protein in levator ani muscle of aging women with pelvic floor disorders – a relationship to the cellular differentiation and degeneration. <i>BMC Clinical Pathology</i> , 2001, 1, 4.	1.8	23
21	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
22	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
23	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
24	Effect of Acetazolamide on Hypericin Photocytotoxicity. <i>Planta Medica</i> , 2002, 68, 658-660.	0.7	19
25	Pulmonary fibroblasts stimulate the proliferation of cell lines from human lung adenocarcinomas. <i>Anti-Cancer Drugs</i> , 2006, 17, 771-781.	0.7	18
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	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
28	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
29	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
30	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
31	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
32	A novel approach to determine post mortem interval using neutron radiography. <i>Forensic Science International</i> , 2015, 251, 11-21.	1.3	12
33	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
34	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
35	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
36	Mutations of p53 decrease sensitivity to the anthracycline treatments in bladder cancer cells. <i>Oncotarget</i> , 2018, 9, 28514-28531.	0.8	8

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37	Gene alterations by peroxisome proliferator-activated receptor β agonists in human colorectal cancer cells. <i>International Journal of Oncology</i> , 0, , .	1.4	8
38	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
39	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
40	Detection of carcinogen-induced bladder cancer by fluorocoxib A. <i>BMC Cancer</i> , 2019, 19, 1152.	1.1	6
41	Variability of Placental Expression of Cyclin E Low Molecular Weight Variants1. <i>Biology of Reproduction</i> , 2002, 67, 568-574.	1.2	5
42	Neutron imaging at the Oak Ridge National Laboratory: Application to biological research. , 2014, , .		5
43	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
44	Neutron imaging: Detection of cancer using animal model. , 2014, , .		1
45	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
46	Abstract 1046: BAD is a multifunctional protein in breast cancer cells. , 2010, , .		1
47	Quantitative Imaging of Nanoparticles and Intracellular Vesicle Trafficking Using Total Internal Reflection Fluorescent Microscopy (TIRFM). , 2007, , 583.		0
48	Multi-scale applications of neutron scattering and imaging. , 2014, , .		0
49	Abstract 4591: Estrogen receptor beta controls a wide variety of functions in breast cancer cells. , 2010, , .		0
50	P1-02-11: The BCL2 Antagonist of Death, BAD Is Down-Regulated in Breast Cancer and Inhibits Cancer Cell Invasion.. , 2011, , .		0
51	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
52	Roles of BCL-2 and BAD in Breast Cancer. <i>Journal of Clinical & Cellular Immunology</i> , 2015, 06, .	1.5	0
53	Abstract C182: Novel derivative of doxorubicin, AD198, for treatment of bladder transitional cell carcinomas in vitro. , 2015, , .		0
54	Abstract 4739: The upregulation of cyclooxygenase-2 protein expression by receptor tyrosine kinase inhibitors in bladder cancer in vitro. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
55	Abstract 885: Anthracycline-induced apoptosis through caspase3/7 activity is p53-dependent in bladder cancer cells. , 2018, , .		0
56	Pharmacokinetic characterization of fluorocoxib D, a cyclooxygenase-2-targeted optical imaging agent for detection of cancer. Journal of Biomedical Optics, 2020, 25, .	1.4	0