

Tomasz Motyl

List of Publications by Citations

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39
papers

5,414
citations

18
h-index

41
g-index

41
ext. papers

5,702
ext. citations

3.8
avg, IF

3.57
L-index

#	Paper	IF	Citations
39	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544.	14.2	2783
38	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , 2008 , 4, 151-75	10.2	1920
37	IGF-I, EGF, and sex steroids regulate autophagy in bovine mammary epithelial cells via the mTOR pathway. <i>European Journal of Cell Biology</i> , 2009 , 88, 117-30	6.1	104
36	Expression of bcl-2 and bax in TGF-beta 1-induced apoptosis of L1210 leukemic cells. <i>European Journal of Cell Biology</i> , 1998 , 75, 367-74	6.1	50
35	Expression and role of PGP, BCRP, MRP1 and MRP3 in multidrug resistance of canine mammary cancer cells. <i>BMC Veterinary Research</i> , 2013 , 9, 119	2.7	36
34	Autophagy is the dominant type of programmed cell death in breast cancer MCF-7 cells exposed to AGS 115 and EFDAC, new sesquiterpene analogs of paclitaxel. <i>Anti-Cancer Drugs</i> , 2005 , 16, 777-88	2.4	32
33	Role and regulation of autophagy in the development of acinar structures formed by bovine BME-UV1 mammary epithelial cells. <i>European Journal of Cell Biology</i> , 2011 , 90, 854-64	6.1	29
32	Subcellular redistribution of BAX during apoptosis induced by anticancer drugs. <i>Anti-Cancer Drugs</i> , 2001 , 12, 607-17	2.4	28
31	Expression of BAX in cell nucleus after experimentally induced apoptosis revealed by immunogold and embedment-free electron microscopy. <i>Cell Biology International</i> , 2001 , 25, 725-33	4.5	26
30	Gene expression profiling in skeletal muscle of Holstein-Friesian bulls with single-nucleotide polymorphism in the myostatin gene 5' flanking region. <i>Journal of Applied Genetics</i> , 2008 , 49, 237-50	2.5	23
29	Global gene expression profiles of canine macrophages and canine mammary cancer cells grown as a co-culture in vitro. <i>BMC Veterinary Research</i> , 2012 , 8, 16	2.7	22
28	Regulation of apoptosis: involvement of Bcl-2-related proteins. <i>Reproduction, Nutrition, Development</i> , 1999 , 39, 49-59		22
27	Regulation of autophagy in bovine mammary epithelial cells. <i>Autophagy</i> , 2007 , 3, 484-6	10.2	21
26	Effects of hormones and growth factors on TGF-beta1 expression in bovine mammary epithelial cells. <i>Journal of Dairy Research</i> , 2005 , 72, 39-48	1.6	19
25	Functional interactions between 17 β -estradiol and progesterone regulate autophagy during acini formation by bovine mammary epithelial cells in 3D cultures. <i>BioMed Research International</i> , 2014 , 2014, 382653	3	18
24	BID-deficient breast cancer MCF-7 cells as a model for the study of autophagy in cancer therapy. <i>Autophagy</i> , 2006 , 2, 47-8	10.2	18
23	IGF-binding proteins mediate TGF-beta 1-induced apoptosis in bovine mammary epithelial BME-UV1 cells. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2004 , 139, 65-75	3.2	18

22	Species comparison of the influence of ammonia on orotic acid and urea biosynthesis in liver. <i>Journal of Nutrition</i> , 1984 , 114, 613-21	4.1	18
21	Density of Gr1-positive myeloid precursor cells, p-STAT3 expression and gene expression pattern in canine mammary cancer metastasis. <i>Veterinary Research Communications</i> , 2011 , 35, 409-23	2.9	17
20	The gene expression profiles of canine mammary cancer cells grown with carcinoma-associated fibroblasts (CAFs) as a co-culture in vitro. <i>BMC Veterinary Research</i> , 2012 , 8, 35	2.7	16
19	Migrastatin analogues inhibit canine mammary cancer cell migration and invasion. <i>PLoS ONE</i> , 2013 , 8, e76789	3.7	16
18	Kinetics of Smac/DIABLO release from mitochondria during apoptosis of MCF-7 breast cancer cells. <i>Cell Biology International</i> , 2004 , 28, 741-54	4.5	15
17	Colocalization of BAX with BID and VDAC-1 in nimesulide-induced apoptosis of human colon adenocarcinoma COLO 205 cells. <i>Anti-Cancer Drugs</i> , 2002 , 13, 1017-29	2.4	15
16	CSF-1R as an inhibitor of apoptosis and promoter of proliferation, migration and invasion of canine mammary cancer cells. <i>BMC Veterinary Research</i> , 2013 , 9, 65	2.7	13
15	Macrophages mediate a switch between canonical and non-canonical Wnt pathways in canine mammary tumors. <i>PLoS ONE</i> , 2014 , 9, e83995	3.7	13
14	Structural association of Bax with nuclear matrix and cytomatrix revealed by embedment-free immunogold electron microscopy. <i>Cell Biology International</i> , 2000 , 24, 649-56	4.5	13
13	Comparison of stem/progenitor cell number and transcriptomic profile in the mammary tissue of dairy and beef breed heifers. <i>Journal of Applied Genetics</i> , 2014 , 55, 383-95	2.5	12
12	A role of ghrelin in canine mammary carcinoma cells proliferation, apoptosis and migration. <i>BMC Veterinary Research</i> , 2012 , 8, 170	2.7	12
11	Identification, quantification and transcriptional profile of potential stem cells in bovine mammary gland. <i>Livestock Science</i> , 2011 , 136, 136-149	1.7	12
10	Gene expression profiles in canine mammary carcinomas of various grades of malignancy. <i>BMC Veterinary Research</i> , 2013 , 9, 78	2.7	11
9	Co-localization of apoptosis-regulating proteins in mouse mammary epithelial HC11 cells exposed to TGF-beta1. <i>European Journal of Cell Biology</i> , 2003 , 82, 303-12	6.1	11
8	Erythrocyte destruction during turbulent mixing. <i>Biochemical Engineering Journal</i> , 2001 , 9, 147-154	4.2	11
7	Five markers useful for the distinction of canine mammary malignancy. <i>BMC Veterinary Research</i> , 2013 , 9, 138	2.7	8
6	The relationship between urea and pyrimidine de novo synthesis in ruminant liver. <i>Quarterly Journal of Experimental Physiology (Cambridge, England)</i> , 1988 , 73, 1-6		7
5	Exploiting cancer genomics in pet animals to gain advantage for personalized medicine decisions. <i>Journal of Applied Genetics</i> , 2014 , 55, 337-41	2.5	6

4	Autophagy in Development and Remodelling of Mammary Gland 2013 ,		5
3	Minute kinetics of proapoptotic proteins: BAX and Smac/DIABLO in living tumor cells revealed by homeostatic confocal microscopy. <i>Cytotechnology</i> , 2004 , 45, 141-53	2.2	3
2	Transcriptomic profile of semitendinosus muscle of bulls of different breed and performance. <i>Journal of Applied Genetics</i> , 2020 , 61, 581-592	2.5	3
1	Relationship between clinical data and gene expression in the HER2/ErbB2-dependent signaling pathway in patients with acute heart failure. <i>Journal of Applied Genetics</i> , 2013 , 54, 447-53	2.5	2