

# Milena Kralickova

## List of Publications by Year in descending order

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79  
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257429  
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docs citations

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times ranked

2808  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Search for Biomarkers in Endometriosis: a Long and Windy Road. <i>Reproductive Sciences</i> , 2022, 29, 1667-1673.	2.5	13
2	Using virtual microscopy for the development of sampling strategies in quantitative histology and design-based stereology. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2022, 51, 3-22.	0.7	8
3	Nursing Exposure to Bisphenols as a Cause of Male Idiopathic Infertility. <i>Frontiers in Physiology</i> , 2022, 13, 725442.	2.8	4
4	Are ovine and porcine carotid arteries equivalent animal models for experimental cardiac surgery: A quantitative histological comparison. <i>Annals of Anatomy</i> , 2022, 242, 151910.	1.9	3
5	Hepatocyte and immune cell crosstalk in non-alcoholic fatty liver disease. <i>Expert Review of Gastroenterology and Hepatology</i> , 2021, 15, 783-796.	3.0	12
6	Exposure to alternative bisphenols BPS and BPF through breast milk: Noxious heritage effect during nursing associated with idiopathic infertility. <i>Toxicology and Applied Pharmacology</i> , 2021, 413, 115409.	2.8	16
7	Mesenchymal Stromal Cell Therapy in Novel Porcine Model of Diffuse Liver Damage Induced by Repeated Biliary Obstruction. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4304.	4.1	5
8	Stereological Changes in Microvascular Parameters in Hippocampus of a Transgenic Rat Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021, 84, 1-12.	2.6	3
9	H3K4me2 accompanies chromatin immaturity in human spermatozoa: an epigenetic marker for sperm quality assessment. <i>Systems Biology in Reproductive Medicine</i> , 2020, 66, 3-11.	2.1	20
10	Histological mapping of porcine carotid arteries – An animal model for the assessment of artificial conduits suitable for coronary bypass grafting in humans. <i>Annals of Anatomy</i> , 2020, 228, 151434.	1.9	9
11	Acute low-dose bisphenol S exposure affects mouse oocyte quality. <i>Reproductive Toxicology</i> , 2020, 93, 19-27.	2.9	17
12	Endometriosis and risk of ovarian cancer: what do we know?. <i>Archives of Gynecology and Obstetrics</i> , 2020, 301, 1-10.	1.7	71
13	Hydrogel Containing Anti-CD44-Labeled Microparticles, Guide Bone Tissue Formation in Osteochondral Defects in Rabbits. <i>Nanomaterials</i> , 2020, 10, 1504.	4.1	9
14	Low doses of Bisphenol S affect post-translational modifications of sperm proteins in male mice. <i>Reproductive Biology and Endocrinology</i> , 2020, 18, 56.	3.3	10
15	Sonic Hedgehog and Triiodothyronine Pathway Interact in Mouse Embryonic Neural Stem Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3672.	4.1	2
16	Endometrial cancer – is our knowledge changing?. <i>Translational Cancer Research</i> , 2020, 9, 7734-7745.	1.0	2
17	Epigenetic and non-epigenetic mode of SIRT1 action during oocyte meiosis progression. <i>Journal of Animal Science and Biotechnology</i> , 2019, 10, 67.	5.3	13
18	Mesenchymal stem cells as the near future of cardiology medicine - truth or wish?. <i>Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia</i> , 2019, 163, 8-18.	0.6	8

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19	The impact of pericytes on the brain and approaches for their morphological analysis. Journal of Chemical Neuroanatomy, 2018, 91, 35-45.	2.1	8
20	Generating standardized image data for testing and calibrating quantification of volumes, surfaces, lengths, and object counts in fibrous and porous materials using X-ray microtomography. Microscopy Research and Technique, 2018, 81, 551-568.	2.2	23
21	The combination of nanofibrous and microfibrous materials for enhancement of cell infiltration and <i>in vivo</i> bone tissue formation. Biomedical Materials (Bristol), 2018, 13, 025004.	3.3	21
22	Trends in gene expression changes during adipogenesis in human adipose derived mesenchymal stem cells under dichlorodiphenyldichloroethylene exposure. Molecular and Cellular Toxicology, 2018, 14, 369-379.	1.7	6
23	lncRNAs in Non-Malignant Tissue Have Prognostic Value in Colorectal Cancer. International Journal of Molecular Sciences, 2018, 19, 2672.	4.1	26
24	Long-term exposure to very low doses of bisphenol S affects female reproduction. Reproduction, 2018, 156, 47-57.	2.6	56
25	Altered Immunity in Endometriosis: What Came First?. Immunological Investigations, 2018, 47, 569-582.	2.0	33
26	Circulating Tumor Cells: Fluid Surrogates of Solid Tumors. Annual Review of Pathology: Mechanisms of Disease, 2017, 12, 419-447.	22.4	82
27	The composition and biomechanical properties of human cryopreserved aortas, pulmonary trunks, and aortic and pulmonary cusps. Annals of Anatomy, 2017, 212, 17-26.	1.9	14
28	Mystery of the brain metastatic disease in breast cancer patients: improved patient stratification, disease prediction and targeted prevention on the horizon?. EPMA Journal, 2017, 8, 119-127.	6.1	47
29	Bisphenol S negatively affects the meiotic maturation of pig oocytes. Scientific Reports, 2017, 7, 485.	3.3	75
30	Stereological analysis of size and density of hepatocytes in the porcine liver. Journal of Anatomy, 2017, 230, 575-588.	1.5	29
31	SIRT1-dependent modulation of methylation and acetylation of histone H3 on lysine 9 (H3K9) in the zygotic pronuclei improves porcine embryo development. Journal of Animal Science and Biotechnology, 2017, 8, 83.	5.3	27
32	Non-Invasive Approaches to Epigenetic-Based Sperm Selection. Medical Science Monitor, 2017, 23, 4677-4683.	1.1	15
33	Smaller Absolute Quantities but Greater Relative Densities of Microvessels Are Associated with Cerebellar Degeneration in Lurcher Mice. Frontiers in Neuroanatomy, 2016, 10, 35.	1.7	15
34	Stereological quantification of microvessels using semiautomated evaluation of X-ray microtomography of hepatic vascular corrosion casts. International Journal of Computer Assisted Radiology and Surgery, 2016, 11, 1803-1819.	2.8	12
35	DDE downregulates PLIN2 expression during differentiation of mesenchymal stem cells into adipocytes in lipid-enriched medium. Journal of Applied Biomedicine, 2016, 14, 113-117.	1.7	2
36	Complete diagnostics and clinical approach for a female patient with unusual glioblastoma: A case study. Molecular and Clinical Oncology, 2016, 5, 161-164.	1.0	1

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37	Regulation of apoptotic pathways during endometriosis: from the molecular basis to the future perspectives. Archives of Gynecology and Obstetrics, 2016, 294, 897-904.	1.7	127
38	Vasa vasorum in the tunica media and tunica adventitia of the porcine aorta. Annals of Anatomy, 2016, 205, 22-36.	1.9	21
39	Biological evaluation of ultra-fine titanium with improved mechanical strength for dental implant engineering. Journal of Materials Science, 2016, 51, 3097-3110.	3.7	22
40	Porcine liver vascular bed in Biodur E20 corrosion casts. Folia Morphologica, 2016, 75, 154-161.	0.8	13
41	Intrauterine administration of human chorionic gonadotropin does not improve pregnancy and life birth rates independently of blastocyst quality: a randomised prospective study. Reproductive Biology and Endocrinology, 2015, 13, 70.	3.3	41
42	Microcirculation of the brain: morphological assessment in degenerative diseases and restoration processes. Reviews in the Neurosciences, 2015, 26, 75-93.	2.9	20
43	Transplantation of Embryonic Cerebellar Grafts Improves Gait Parameters in Ataxic Lurcher Mice. Cerebellum, 2015, 14, 632-641.	2.5	18
44	Role of leukemia inhibitory factor in the nervous system and its pathology. Reviews in the Neurosciences, 2015, 26, 443-59.	2.9	11
45	Segmental and age differences in the elastin network, collagen, and smooth muscle phenotype in the tunica media of the porcine aorta. Annals of Anatomy, 2015, 201, 79-90.	1.9	32
46	Collagen/hydroxyapatite scaffold enriched with polycaprolactone nanofibers, thrombocyte-rich solution and mesenchymal stem cells promotes regeneration in large bone defect in vivo. Journal of Biomedical Materials Research - Part A, 2015, 103, 671-682.	4.0	49
47	Immunological aspects of endometriosis: a review. Annals of Translational Medicine, 2015, 3, 153.	1.7	46
48	Effects of the Czech Propolis on Sperm Mitochondrial Function. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-10.	1.2	13
49	Endometriosis and Cancer. Women's Health, 2014, 10, 591-597.	1.5	24
50	Immunohistochemical Detection of Cancer Stem Cell Related Markers CD44 and CD133 in Metastatic Colorectal Cancer Patients. BioMed Research International, 2014, 2014, 1-7.	1.9	27
51	Fate of two types of cerebellar graft in wild type and cerebellar mutant mice. Journal of Applied Biomedicine, 2014, 12, 17-23.	1.7	3
52	Endometriosis and ovarian cancer. World Journal of Clinical Oncology, 2014, 5, 800.	2.3	23
53	Assessing colorectal cancer heterogeneity: one step closer to tailored medicine. Journal of Applied Biomedicine, 2013, 11, 115-129.	1.7	2
54	Co-Morbidity and Self Medication in Schizophrenia: Involvement of Endogenous Morphine Signaling Mechanisms. Current Drug Targets, 2012, 13, 1454-1457.	2.1	4

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55	Phosphoinositide 3-kinase inhibition enables retinoic acid-induced neurogenesis in monolayer culture of embryonic stem cells. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 563-570.	2.6	15
56	Intracerebellar application of P19-derived neuroprogenitor and naive stem cells to Lurcher mutant and wild type B6CBA mice. <i>Medical Science Monitor</i> , 2012, 18, BR174-BR180.	1.1	16
57	Low dose morphine adjuvant therapy for enhanced efficacy of antipsychotic drug action: Potential involvement of endogenous morphine in the pathophysiology of schizophrenia. <i>Medical Science Monitor</i> , 2012, 18, HY23-HY26.	1.1	9
58	Parkinson's disease, L-DOPA, and endogenous morphine: A revisit. <i>Medical Science Monitor</i> , 2012, 18, RA133-RA137.	1.1	12
59	Anal dilation during labor. <i>International Journal of Gynecology and Obstetrics</i> , 2010, 109, 136-139.	2.3	18
60	Partial Hypogonadotropic Hypogonadism Associated with the Leu266Arg and Gln106Arg Mutation of the Gonadotropin-Releasing Hormone Receptor. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2009, 22, 181-5.	0.9	5
61	Altered distribution of NK and NKT cells in follicular fluid is associated with IVF outcome. <i>Journal of Reproductive Immunology</i> , 2009, 82, 84-88.	1.9	21
62	Non-informative results and monosomies in PGD: the importance of a third round of re-hybridization. <i>Reproductive BioMedicine Online</i> , 2009, 19, 539-546.	2.4	8
63	Definitions of mediolateral episiotomy in Europe. <i>International Journal of Gynecology and Obstetrics</i> , 2008, 100, 188-189.	2.3	37
64	The incision angle of mediolateral episiotomy before delivery and after repair. <i>International Journal of Gynecology and Obstetrics</i> , 2008, 103, 5-8.	2.3	66
65	METHODOLOGICAL ASPECTS OF ATTEMPTS TO TRANS-DIFFERENTIATE ADULT STEM CELLS INTO EMBRYONIC-LIKE CELLS IN VITRO.. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2008, 152, 231-233.	0.6	0
66	Association of the leukemia inhibitory factor gene mutation and the antiphospholipid antibodies in the peripheral blood of infertile women. <i>Folia Microbiologica</i> , 2007, 52, 543-548.	2.3	5
67	Leukemia inhibitory factor gene mutations in the population of infertile women are not restricted to nulligravid patients. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2006, 127, 231-235.	1.1	26
68	Coding sequence analysis of GNRHR and GPR54 in patients with congenital and adult-onset forms of hypogonadotropic hypogonadism. <i>European Journal of Endocrinology</i> , 2006, 155, S3-S10.	3.7	72
69	Role of the leukemia-inhibitory factor gene mutations in infertile women: The embryo-endometrial cytokine cross talk during implantation – a delicate homeostatic equilibrium. <i>Folia Microbiologica</i> , 2005, 50, 179-186.	2.3	16
70	Congenitally determined neurodegeneration –lurcher– induces morphofunctional changes of thymus. <i>Folia Microbiologica</i> , 2003, 48, 394-398.	2.3	5
71	Conventional renal cell carcinoma with granulomatous reaction: a report of three cases. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2003, 443, 220-221.	2.8	23
72	Four naturally occurring mutations in the human GnRH receptor affect ligand binding and receptor function. <i>Molecular and Cellular Endocrinology</i> , 2003, 205, 51-64.	3.2	50

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73	Morphology of Adrenal Gland and Lymph Organs is Impaired in Neurodeficient Lurcher Mutant Mice. Acta Veterinaria Brno, 2002, 71, 23-28.	0.5	9
74	The Importance of Autosomal Genes in Kallmann Syndrome: Genotype-Phenotype Correlations and Neuroendocrine Characteristics. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 1532-1538.	3.6	144
75	Prevalence, Phenotypic Spectrum, and Modes of Inheritance of Gonadotropin-Releasing Hormone Receptor Mutations in Idiopathic Hypogonadotropic Hypogonadism. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 1580-1588.	3.6	174
76	Successful Use of Pulsatile Gonadotropin-Releasing Hormone (GnRH) for Ovulation Induction and Pregnancy in a Patient with GnRH Receptor Mutations. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 556-562.	3.6	64
77	Quantification of Liver Microcirculation Using X-Ray Microtomography of Vascular Corrosion Casts. Key Engineering Materials, 0, 592-593, 505-508.	0.4	0
78	Links between the Orientation of Vascular Smooth Muscle and Microscopical Composition of Aortic Segments. Solid State Phenomena, 0, 258, 329-332.	0.3	0
79	Histological Composition and Mechanical Properties of Cryopreserved Samples of Aortic and Pulmonary Valves. Solid State Phenomena, 0, 258, 341-344.	0.3	2