

# Milena Kralickova

## List of Publications by Citations

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77  
papers

1,936  
citations

23  
h-index

41  
g-index

86  
ext. papers

2,290  
ext. citations

3.6  
avg, IF

5.2  
L-index

#	Paper	IF	Citations
77	Prevalence, Phenotypic Spectrum, and Modes of Inheritance of Gonadotropin-Releasing Hormone Receptor Mutations in Idiopathic Hypogonadotropic Hypogonadism. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2001</b> , 86, 1580-1588	5.6	152
76	The Importance of Autosomal Genes in Kallmann Syndrome: Genotype-Phenotype Correlations and Neuroendocrine Characteristics. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2001</b> , 86, 1532-1538	5.6	124
75	Regulation of apoptotic pathways during endometriosis: from the molecular basis to the future perspectives. <i>Archives of Gynecology and Obstetrics</i> , <b>2016</b> , 294, 897-904	2.5	109
74	Coding sequence analysis of GNRHR and GPR54 in patients with congenital and adult-onset forms of hypogonadotropic hypogonadism. <i>European Journal of Endocrinology</i> , <b>2006</b> , 155 Suppl 1, S3-S10	6.5	64
73	Circulating Tumor Cells: Fluid Surrogates of Solid Tumors. <i>Annual Review of Pathology: Mechanisms of Disease</i> , <b>2017</b> , 12, 419-447	34	62
72	Successful Use of Pulsatile Gonadotropin-Releasing Hormone (GnRH) for Ovulation Induction and Pregnancy in a Patient with GnRH Receptor Mutations. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2000</b> , 85, 556-562	5.6	60
71	Bisphenol S negatively affects the meiotic maturation of pig oocytes. <i>Scientific Reports</i> , <b>2017</b> , 7, 485	4.9	57
70	The incision angle of mediolateral episiotomy before delivery and after repair. <i>International Journal of Gynecology and Obstetrics</i> , <b>2008</b> , 103, 5-8	4	52
69	Four naturally occurring mutations in the human GnRH receptor affect ligand binding and receptor function. <i>Molecular and Cellular Endocrinology</i> , <b>2003</b> , 205, 51-64	4.4	44
68	Mystery of the brain metastatic disease in breast cancer patients: improved patient stratification, disease prediction and targeted prevention on the horizon?. <i>EPMA Journal</i> , <b>2017</b> , 8, 119-127	8.8	43
67	Collagen/hydroxyapatite scaffold enriched with polycaprolactone nanofibers, thrombocyte-rich solution and mesenchymal stem cells promotes regeneration in large bone defect in vivo. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2015</b> , 103, 671-82	5.4	40
66	Long-term exposure to very low doses of bisphenol S affects female reproduction. <i>Reproduction</i> , <b>2018</b> , 156, 47-57	3.8	39
65	Definitions of mediolateral episiotomy in Europe. <i>International Journal of Gynecology and Obstetrics</i> , <b>2008</b> , 100, 188-9	4	34
64	Intrauterine administration of human chorionic gonadotropin does not improve pregnancy and life birth rates independently of blastocyst quality: a randomised prospective study. <i>Reproductive Biology and Endocrinology</i> , <b>2015</b> , 13, 70	5	32
63	Immunological aspects of endometriosis: a review. <i>Annals of Translational Medicine</i> , <b>2015</b> , 3, 153	3.2	31
62	Endometriosis and risk of ovarian cancer: what do we know?. <i>Archives of Gynecology and Obstetrics</i> , <b>2020</b> , 301, 1-10	2.5	29
61	Segmental and age differences in the elastin network, collagen, and smooth muscle phenotype in the tunica media of the porcine aorta. <i>Annals of Anatomy</i> , <b>2015</b> , 201, 79-90	2.9	27

60	Immunohistochemical detection of cancer stem cell related markers CD44 and CD133 in metastatic colorectal cancer patients. <i>BioMed Research International</i> , <b>2014</b> , 2014, 432139	3	26
59	Altered Immunity in Endometriosis: What Came First?. <i>Immunological Investigations</i> , <b>2018</b> , 47, 569-582	2.9	21
58	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> , <b>2003</b> , 443, 220-1	5.1	21
57	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> , <b>2006</b> , 127, 231-5	2.4	20
56	Endometriosis and ovarian cancer. <i>World Journal of Clinical Oncology</i> , <b>2014</b> , 5, 800-5	2.5	20
55	Biological evaluation of ultra-fine titanium with improved mechanical strength for dental implant engineering. <i>Journal of Materials Science</i> , <b>2016</b> , 51, 3097-3110	4.3	19
54	lncRNAs in Non-Malignant Tissue Have Prognostic Value in Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	19
53	Endometriosis and cancer. <i>Women's Health</i> , <b>2014</b> , 10, 591-7	3	18
52	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. <i>Microscopy Research and Technique</i> , <b>2018</b> , 81, 551-568	2.8	17
51	Stereological analysis of size and density of hepatocytes in the porcine liver. <i>Journal of Anatomy</i> , <b>2017</b> , 230, 575-588	2.9	16
50	The combination of nanofibrous and microfibrinous materials for enhancement of cell infiltration and in vivo bone tissue formation. <i>Biomedical Materials (Bristol)</i> , <b>2018</b> , 13, 025004	3.5	16
49	SIRT1-dependent modulation of methylation and acetylation of histone H3 on lysine 9 (H3K9) in the zygotic pronuclei improves porcine embryo development. <i>Journal of Animal Science and Biotechnology</i> , <b>2017</b> , 8, 83	6	16
48	Microcirculation of the brain: morphological assessment in degenerative diseases and restoration processes. <i>Reviews in the Neurosciences</i> , <b>2015</b> , 26, 75-93	4.7	16
47	Anal dilation during labor. <i>International Journal of Gynecology and Obstetrics</i> , <b>2010</b> , 109, 136-9	4	16
46	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> , <b>2005</b> , 50, 179-86	2.8	16
45	Vasa vasorum in the tunica media and tunica adventitia of the porcine aorta. <i>Annals of Anatomy</i> , <b>2016</b> , 205, 22-36	2.9	15
44	Phosphoinositide 3-kinase inhibition enables retinoic acid-induced neurogenesis in monolayer culture of embryonic stem cells. <i>Journal of Cellular Biochemistry</i> , <b>2012</b> , 113, 563-70	4.7	15
43	Altered distribution of NK and NKT cells in follicular fluid is associated with IVF outcome. <i>Journal of Reproductive Immunology</i> , <b>2009</b> , 82, 84-8	4.2	15

42	Intracerebellar application of P19-derived neuroprogenitor and naive stem cells to Lurcher mutant and wild type B6CBA mice. <i>Medical Science Monitor</i> , <b>2012</b> , 18, BR174-180	3.2	15
41	Transplantation of Embryonic Cerebellar Grafts Improves Gait Parameters in Ataxic Lurcher Mice. <i>Cerebellum</i> , <b>2015</b> , 14, 632-41	4.3	12
40	Parkinson's disease, L-DOPA, and endogenous morphine: a revisit. <i>Medical Science Monitor</i> , <b>2012</b> , 18, RA133-137	3.2	11
39	Porcine liver vascular bed in Biodur E20 corrosion casts. <i>Folia Morphologica</i> , <b>2016</b> , 75, 154-161	0.9	11
38	Stereological quantification of microvessels using semiautomated evaluation of X-ray microtomography of hepatic vascular corrosion casts. <i>International Journal of Computer Assisted Radiology and Surgery</i> , <b>2016</b> , 11, 1803-19	3.9	11
37	Role of leukemia inhibitory factor in the nervous system and its pathology. <i>Reviews in the Neurosciences</i> , <b>2015</b> , 26, 443-59	4.7	10
36	Smaller Absolute Quantities but Greater Relative Densities of Microvessels Are Associated with Cerebellar Degeneration in Lurcher Mice. <i>Frontiers in Neuroanatomy</i> , <b>2016</b> , 10, 35	3.6	10
35	H3K4me2 accompanies chromatin immaturity in human spermatozoa: an epigenetic marker for sperm quality assessment. <i>Systems Biology in Reproductive Medicine</i> , <b>2020</b> , 66, 3-11	2.9	10
34	The composition and biomechanical properties of human cryopreserved aortas, pulmonary trunks, and aortic and pulmonary cusps. <i>Annals of Anatomy</i> , <b>2017</b> , 212, 17-26	2.9	9
33	Non-Invasive Approaches to Epigenetic-Based Sperm Selection. <i>Medical Science Monitor</i> , <b>2017</b> , 23, 4677-4683	3.2	9
32	Morphology of Adrenal Gland and Lymph Organs is Impaired in Neurodeficient Lurcher Mutant Mice. <i>Acta Veterinaria Brno</i> , <b>2002</b> , 71, 23-28	0.8	9
31	Effects of the czech propolis on sperm mitochondrial function. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2014</b> , 2014, 248768	2.3	8
30	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> , <b>2012</b> , 18, HY23-6	3.2	8
29	Low doses of Bisphenol S affect post-translational modifications of sperm proteins in male mice. <i>Reproductive Biology and Endocrinology</i> , <b>2020</b> , 18, 56	5	7
28	Non-informative results and monosomies in PGD: the importance of a third round of re-hybridization. <i>Reproductive BioMedicine Online</i> , <b>2009</b> , 19, 539-46	4	7
27	Acute low-dose bisphenol S exposure affects mouse oocyte quality. <i>Reproductive Toxicology</i> , <b>2020</b> , 93, 19-27	3.4	7
26	The impact of pericytes on the brain and approaches for their morphological analysis. <i>Journal of Chemical Neuroanatomy</i> , <b>2018</b> , 91, 35-45	3.2	6
25	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> , <b>2020</b> , 228, 151434	2.9	6

24	Mesenchymal stem cells as the near future of cardiology medicine - truth or wish?. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia, 2019</i> , 163, 8-18	1.7	5
23	Exposure to alternative bisphenols BPS and BPF through breast milk: Noxious heritage effect during nursing associated with idiopathic infertility. <i>Toxicology and Applied Pharmacology, 2021</i> , 413, 115409	4.6	5
22	Epigenetic and non-epigenetic mode of SIRT1 action during oocyte meiosis progression. <i>Journal of Animal Science and Biotechnology, 2019</i> , 10, 67	6	4
21	Association of the leukemia inhibitory factor gene mutation and the antiphospholipid antibodies in the peripheral blood of infertile women. <i>Folia Microbiologica, 2007</i> , 52, 543-8	2.8	4
20	Congenitally determined neurodegeneration "Lurcher" induces morphofunctional changes of thymus. <i>Folia Microbiologica, 2003</i> , 48, 394-8	2.8	4
19	Hydrogel Containing Anti-CD44-Labeled Microparticles, Guide Bone Tissue Formation in Osteochondral Defects in Rabbits. <i>Nanomaterials, 2020</i> , 10,	5.4	4
18	Fate of two types of cerebellar graft in wild type and cerebellar mutant mice. <i>Journal of Applied Biomedicine, 2014</i> , 12, 17-23	0.6	3
17	Partial hypogonadotropic hypogonadism associated with the Leu266Arg and Gln106Arg mutation of the gonadotropin-releasing hormone receptor. <i>Journal of Pediatric Endocrinology and Metabolism, 2009</i> , 22, 181-5	1.6	3
16	Co-morbidity and self medication in schizophrenia: involvement of endogenous morphine signaling mechanisms. <i>Current Drug Targets, 2012</i> , 13, 1454-7	3	3
15	Assessing colorectal cancer heterogeneity: one step closer to tailored medicine. <i>Journal of Applied Biomedicine, 2013</i> , 11, 115-129	0.6	2
14	Histological Composition and Mechanical Properties of Cryopreserved Samples of Aortic and Pulmonary Valves. <i>Solid State Phenomena, 2016</i> , 258, 341-344	0.4	2
13	DDE downregulates PLIN2 expression during differentiation of mesenchymal stem cells into adipocytes in lipid-enriched medium. <i>Journal of Applied Biomedicine, 2016</i> , 14, 113-117	0.6	2
12	Trends in gene expression changes during adipogenesis in human adipose derived mesenchymal stem cells under dichlorodiphenyldichloroethylene exposure. <i>Molecular and Cellular Toxicology, 2018</i> , 14, 369-379	1.6	2
11	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, 2021</i> ,	1.1	1
10	Endometrial cancer-is our knowledge changing?. <i>Translational Cancer Research, 2020</i> , 9, 7734-7745	0.3	1
9	The Search for Biomarkers in Endometriosis: a Long and Windy Road. <i>Reproductive Sciences, 2021</i> , 1	3	1
8	Complete diagnostics and clinical approach for a female patient with unusual glioblastoma: A case study. <i>Molecular and Clinical Oncology, 2016</i> , 5, 161-164	1.6	1
7	Hepatocyte and immune cell crosstalk in non-alcoholic fatty liver disease. <i>Expert Review of Gastroenterology and Hepatology, 2021</i> , 15, 783-796	4.2	0

6	Stereological Changes in Microvascular Parameters in Hippocampus of a Transgenic Rat Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , <b>2021</b> , 84, 249-260	4.3	○
5	Nursing Exposure to Bisphenols as a Cause of Male Idiopathic Infertility.. <i>Frontiers in Physiology</i> , <b>2022</b> , 13, 725442	4.6	○
4	Links between the Orientation of Vascular Smooth Muscle and Microscopical Composition of Aortic Segments. <i>Solid State Phenomena</i> , <b>2016</b> , 258, 329-332	0.4	
3	Quantification of Liver Microcirculation Using X-Ray Microtomography of Vascular Corrosion Casts. <i>Key Engineering Materials</i> , <b>2013</b> , 592-593, 505-508	0.4	
2	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 Palacký&amp;#x0301;, Olomouc, Czechoslovakia</i> , <b>2008</b> , 152, 231-3	1.7	
1	Are ovine and porcine carotid arteries equivalent animal models for experimental cardiac surgery: A quantitative histological comparison.. <i>Annals of Anatomy</i> , <b>2022</b> , 242, 151910	2.9	