

Piotr Celichowski

List of Publications by Year in descending order

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59
papers

500
citations

687363

13
h-index

888059

17
g-index

60
all docs

60
docs citations

60
times ranked

413
citing authors

#	ARTICLE	IF	CITATIONS
1	Genes Involved in the Processes of Cell Proliferation, Migration, Adhesion, and Tissue Development as New Potential Markers of Porcine Granulosa Cellular Processes <i>In Vitro</i> : A Microarray Approach. <i>DNA and Cell Biology</i> , 2019, 38, 549-560.	1.9	32
2	Expression Profile of Genes Regulating Steroid Biosynthesis and Metabolism in Human Ovarian Granulosa Cells – A Primary Culture Approach. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2673.	4.1	26
3	The Unique Mechanisms of Cellular Proliferation, Migration and Apoptosis are Regulated through Oocyte Maturation – A Complete Transcriptomic and Histochemical Study. <i>International Journal of Molecular Sciences</i> , 2019, 20, 84.	4.1	21
4	New Gene Markers of Angiogenesis and Blood Vessels Development in Porcine Ovarian Granulosa Cells during Short-Term Primary Culture <i>In Vitro</i> . <i>BioMed Research International</i> , 2019, 2019, 1-12.	1.9	20
5	Genes responsible for proliferation, differentiation, and junction adhesion are significantly up-regulated in human ovarian granulosa cells during a long-term primary <i>in vitro</i> culture. <i>Histochemistry and Cell Biology</i> , 2019, 151, 125-143.	1.7	20
6	Transcriptome Profile in Unilateral Adrenalectomy-Induced Compensatory Adrenal Growth in the Rat. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1111.	4.1	16
7	New Molecular Markers Involved in Regulation of Ovarian Granulosa Cell Morphogenesis, Development and Differentiation during Short-Term Primary <i>In Vitro</i> Culture – Transcriptomic and Histochemical Study Based on Ovaries and Individual Separated Follicles. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3966.	4.1	16
8	New markers for regulation of transcription and macromolecule metabolic process in porcine oocytes during <i>in vitro</i> maturation. <i>Molecular Medicine Reports</i> , 2020, 21, 1537-1551.	2.4	16
9	Amino acids metabolism and degradation is regulated during porcine oviductal epithelial cells (OECs) primary culture <i>in vitro</i> – a signaling pathways activation approach. <i>Medical Journal of Cell Biology (discontinued)</i> , 2018, 6, 18-26.	0.3	15
10	Analysis of Transcriptome, Selected Intracellular Signaling Pathways, Proliferation and Apoptosis of LNCaP Cells Exposed to High Leptin Concentrations. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5412.	4.1	15
11	Response to abiotic and organic substances stimulation belongs to ontologic groups significantly up-regulated in porcine immature oocytes. <i>Medical Journal of Cell Biology (discontinued)</i> , 2018, 6, 91-100.	0.3	15
12	Ontology groups representing angiogenesis and blood vessels development are highly up-regulated during porcine oviductal epithelial cells long-term real-time proliferation – a primary cell culture approach. <i>Medical Journal of Cell Biology (discontinued)</i> , 2018, 6, 186-194.	0.3	15
13	Expression pattern of new genes regulating female sex differentiation and <i>in vitro</i> maturational status of oocytes in pigs. <i>Theriogenology</i> , 2018, 121, 122-133.	2.1	13
14	Heart development and morphogenesis is a novel pathway for human ovarian granulosa cell differentiation during long-term <i>in vitro</i> cultivation – a microarray approach. <i>Molecular Medicine Reports</i> , 2019, 19, 1705-1715.	2.4	13
15	Genes involved in angiogenesis and circulatory system development are differentially expressed in porcine epithelial oviductal cells during long-term primary <i>in vitro</i> culture – a transcriptomic study. <i>Medical Journal of Cell Biology (discontinued)</i> , 2018, 6, 163-173.	0.3	13
16	Epithelium morphogenesis and oviduct development are regulated by significant increase of expression of genes after long-term <i>in vitro</i> primary culture – a microarray assays. <i>Medical Journal of Cell Biology (discontinued)</i> , 2018, 6, 195-204.	0.3	13
17	Does Porcine Oocytes Maturation <i>In Vitro</i> is Regulated by Genes Involved in Transforming Growth Factor Beta Receptor Signaling Pathway?. <i>Advances in Cell Biology</i> , 2017, 5, 1-14.	1.5	11
18	Significant Down-Regulation of Biological Adhesion Genes in Porcine Oocytes after IVM. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2685.	4.1	11

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19	“Positive Regulation of RNA Metabolic Process” Ontology Group Highly Regulated in Porcine Oocytes Matured <i>In Vitro</i> : A Microarray Approach. <i>BioMed Research International</i> , 2018, 2018, 1-10.	1.9	11
20	“Biological Adhesion” is a Significantly Regulated Molecular Process during Long-Term Primary <i>In Vitro</i> Culture of Oviductal Epithelial Cells (Oecs): A Transcriptomic and Proteomic Study. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3387.	4.1	11
21	Protein oligomerization is the biochemical process highly up-regulated in porcine oocytes before <i>in vitro</i> maturation (IVM). <i>Medical Journal of Cell Biology (discontinued)</i> , 2018, 6, 155-162.	0.3	11
22	Effects of leptin on leptin receptor isoform expression and proliferative activity in human normal prostate and prostate cancer cell lines. <i>Oncology Reports</i> , 2017, 39, 182-192.	2.6	10
23	Positive Regulation of Macromolecule Metabolic Process Belongs to the Main Mechanisms Crucial for Porcine Oocytes Maturation. <i>Advances in Cell Biology</i> , 2017, 5, 15-31.	1.5	10
24	Cortical Granule Distribution and Expression Pattern of Genes Regulating Cellular Component Size, Morphogenesis, and Potential to Differentiation are Related to Oocyte Developmental Competence and Maturation Capacity <i>In Vivo</i> and <i>In Vitro</i> . <i>Genes</i> , 2020, 11, 815.	2.4	10
25	Expression Changes in Fatty acid Metabolic Process-related Genes in Porcine Oocytes During <i>In Vitro</i> Maturation. <i>Medical Journal of Cell Biology (discontinued)</i> , 2018, 6, 48-54.	0.3	10
26	Transcriptomic analysis of expression of genes regulating cell cycle progression in porcine ovarian granulosa cells during short-term <i>in vitro</i> primary culture. <i>Histochemistry and Cell Biology</i> , 2020, 153, 397-412.	1.7	9
27	“Bone Development” is an Ontology Group Upregulated in Porcine Oocytes Before <i>In Vitro</i> Maturation: A Microarray Approach. <i>DNA and Cell Biology</i> , 2017, 36, 638-646.	1.9	8
28	Effect of ACTH and hCG on the Expression of Gonadotropin-Inducible Ovarian Transcription Factor 1 (Giot1) Gene in the Rat Adrenal Gland. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2285.	4.1	8
29	Transcriptomic Pattern of Genes Regulating Protein Response and Status of Mitochondrial Activity Are Related to Oocyte Maturation Competence – A Transcriptomic Study. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2238.	4.1	8
30	Novel markers of human ovarian granulosa cell differentiation toward osteoblast lineage: A microarray approach. <i>Molecular Medicine Reports</i> , 2019, 20, 4403-4414.	2.4	8
31	Fatty Acids Related Genes Expression Undergo Substantial Changes in Porcine Oviductal Epithelial Cells During Long-Term Primary Culture. <i>Medical Journal of Cell Biology (discontinued)</i> , 2018, 6, 39-47.	0.3	7
32	Expression of genes involved in neurogenesis, and neuronal precursor cell proliferation and development: Novel pathways of human ovarian granulosa cell differentiation and transdifferentiation capability <i>in vitro</i> . <i>Molecular Medicine Reports</i> , 2020, 21, 1749-1760.	2.4	7
33	New Gene Markers for Metabolic Processes and Homeostasis in Porcine Buccal Pouch Mucosa during Cells Long Term-Cultivation – A Primary Culture Approach. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1027.	4.1	6
34	“Cell cycle process”, “cell division” and “cell proliferation” belong to ontology groups highly regulated during long-term culture of porcine oviductal epithelial cells. <i>Medical Journal of Cell Biology (discontinued)</i> , 2019, 7, 15-24.	0.3	6
35	Transcriptome Changes in Three Brain Regions during Chronic Lithium Administration in the Rat Models of Mania and Depression. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1148.	4.1	5
36	Expression profile of Galp, alarin and their receptors in rat adrenal gland. <i>Advances in Clinical and Experimental Medicine</i> , 2019, 28, 737-746.	1.4	5

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37	Analysis of expression of genes responsible for regulation of cellular proliferation and migration – microarray approach based on porcine oocyte model. <i>Medical Journal of Cell Biology (discontinued)</i> , 2019, 7, 48-57.	0.3	5
38	Human Ovarian Granulosa Cells Isolated during an IVF Procedure Exhibit Differential Expression of Genes Regulating Cell Division and Mitotic Spindle Formation. <i>Journal of Clinical Medicine</i> , 2019, 8, 2026.	2.4	4
39	Transcriptomic Profile of Genes Encoding Proteins Involved in Pathogenesis of Sjögren's Syndrome Related Xerostomia – Molecular and Clinical Trial. <i>Journal of Clinical Medicine</i> , 2020, 9, 3299.	2.4	4
40	Genes regulating hormone stimulus and response to protein signaling revealed differential expression pattern during porcine oocyte in vitro maturation, confirmed by lipid concentration. <i>Histochemistry and Cell Biology</i> , 2020, 154, 77-95.	1.7	4
41	Genes involved in glucocorticoid receptor signalling affect susceptibility to mood disorders. <i>World Journal of Biological Psychiatry</i> , 2021, 22, 149-160.	2.6	4
42	Cell cycle and cell death-related genes are differentially expressed during long-term in vitro real-time cultivation of porcine oviductal epithelial cells. <i>Medical Journal of Cell Biology (discontinued)</i> , 2019, 7, 90-99.	0.3	4
43	Nicotinamide phosphoribosyltransferase and the hypothalamic-pituitary-adrenal axis of the rat. <i>Molecular Medicine Reports</i> , 2018, 17, 6163-6173.	2.4	3
44	Genes regulating programmed cell death are significantly upregulated in porcine immature oocytes. <i>Medical Journal of Cell Biology (discontinued)</i> , 2019, 7, 1-10.	0.3	3
45	Genes encoding proteins regulating fatty acid metabolism and cellular response to lipids are differentially expressed in porcine luminal epithelium during long-term culture. <i>Medical Journal of Cell Biology (discontinued)</i> , 2019, 7, 58-65.	0.3	3
46	The genes regulating maintenance of cellular protein location are differentially expressed in porcine epithelial oviductal cells during longterm in vitro cultivation. <i>Medical Journal of Cell Biology (discontinued)</i> , 2019, 7, 77-85.	0.3	3
47	Mitochondrial sirtuins in the rat adrenal gland: location within the glands of males and females, hormonal and developmental regulation of gene expressions. <i>Folia Histochemica Et Cytobiologica</i> , 2018, 55, 190-202.	1.5	3
48	Extracellular Nampt (eNampt/Visfatin/PBEF) directly and indirectly stimulates ACTH and CCL2 protein secretion from isolated rat corticotropes. <i>Advances in Clinical and Experimental Medicine</i> , 2021, 30, 967-980.	1.4	2
49	New Gene Markers Expressed in Porcine Oviductal Epithelial Cells Cultured Primary In Vitro Are Involved in Ontological Groups Representing Physiological Processes of Porcine Oocytes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2082.	4.1	1
50	Genes regulating biochemical pathways of oxygen metabolism in porcine oviductal epithelial cells during long-term IVC. <i>Medical Journal of Cell Biology (discontinued)</i> , 2019, 7, 39-47.	0.3	1
51	Nucleotide, ribonucleotide and ribonucleoside binding belongs to differentially expressed genes in porcine epithelial oviductal cells during longterm primary cultivation. <i>Medical Journal of Cell Biology (discontinued)</i> , 2019, 7, 161-169.	0.3	1
52	Transcriptomic profile of genes encoding proteins responsible for regulation of cells differentiation and neurogenesis in vivo and in vitro – an oocyte model approach. <i>Medical Journal of Cell Biology (discontinued)</i> , 2020, 8, 1-11.	0.3	1
53	Coenzyme and cofactor metabolism belongs to biochemical processes significantly regulated in human granulosa cells collected after IVF during long-term primary in vitro culture. <i>Medical Journal of Cell Biology (discontinued)</i> , 2019, 7, 152-160.	0.3	1
54	Cellular Processes in Human Ovarian Follicles Are Regulated by Expression Profile of New Gene Markers – Clinical Approach. <i>Journal of Clinical Medicine</i> , 2022, 11, 73.	2.4	1

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55	Effect of Maternal Nonalcoholic Fatty Liver Disease and Dietary Choline Status on Body Mass and Lipid Profile in Rat Offspring. Proceedings of the Nutrition Society, 2020, 79, .	1.0	0
56	Nampt (Visfatin) Influence on Proliferative Activity of Normal Rat Adrenocortical Cells and Human Adrenal Corticocarcinoma Nci-H295r Cells. Medical Journal of Cell Biology (discontinued), 2018, 6, 33-38.	0.3	0
57	Differential expression pattern of genes involved in oxygen metabolism in epithelial oviductal cells during primary in vitro culture. Medical Journal of Cell Biology (discontinued), 2019, 7, 66-76.	0.3	0
58	New molecular markers involved in immune system homeostasis and hemopoietic organ development are differentially regulated during oocytes in vitro maturation. Medical Journal of Cell Biology (discontinued), 2020, 8, 35-43.	0.3	0
59	The processes of homeostasis, chemotaxis and organic and inorganic response are significantly up-regulated during short-term oral mucosal cells in vitro cultivation. Medical Journal of Cell Biology (discontinued), 2020, 8, 50-59.	0.3	0