

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	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
2	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
3	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
4	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
5	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
6	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
7	Cortical Granule Distribution and Expression Pattern of Genes Regulating Cellular Component Size, Morphogenesis, and Potential to Differentiation are Related to Oocyte Developmental Competence and Maturational Capacity In Vivo and In Vitro. <i>Genes</i> , 2020, 11, 815.	2.4	10
8	Transcriptomic analysis of expression of genes regulating cell cycle progression in porcine ovarian granulosa cells during short-term in vitro primary culture. <i>Histochemistry and Cell Biology</i> , 2020, 153, 397-412.	1.7	9
9	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
10	Effect of Maternal Nonalcoholic Fatty Liver Disease and Dietary Choline Status on Body Mass and Lipid Profile in Rat Offspring. <i>Proceedings of the Nutrition Society</i> , 2020, 79, .	1.0	0
11	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
12	New markers for regulation of transcription and macromolecule metabolic process in porcine oocytes during in vitro maturation. <i>Molecular Medicine Reports</i> , 2020, 21, 1537-1551.	2.4	16
13	Expression of genes involved in neurogenesis, and neuronal precursor cell proliferation and development: Novel pathways of human ovarian granulosa cell differentiation and transdifferentiation capability in vitro. <i>Molecular Medicine Reports</i> , 2020, 21, 1749-1760.	2.4	7
14	New molecular markers involved in immune system homeostasis and hemopoietic organ development are differentially regulated during oocytes in vitro maturation. <i>Medical Journal of Cell Biology (discontinued)</i> , 2020, 8, 35-43.	0.3	0
15	The processes of homeostasis, chemotaxis and organic and inorganic response are significantly up-regulated during short-term oral mucosal cells in vitro cultivation. <i>Medical Journal of Cell Biology (discontinued)</i> , 2020, 8, 50-59.	0.3	0
16	Biological Adhesion is a Significantly Regulated Molecular Process during Long-Term Primary In Vitro Culture of Oviductal Epithelial Cells (Oecs): A Transcriptomic and Proteomic Study. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3387.	4.1	11
17	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
18	New Molecular Markers Involved in Regulation of Ovarian Granulosa Cell Morphogenesis, Development and Differentiation during Short-Term Primary In Vitro 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

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19	Heart development and morphogenesis is a novel pathway for human ovarian granulosa cell differentiation during long-term in vitro cultivation: a microarray approach. <i>Molecular Medicine Reports</i> , 2019, 19, 1705-1715.	2.4	13
20	Transcriptomic Pattern of Genes Regulating Protein Response and Status of Mitochondrial Activity Are Related to Oocyte Maturational Competence: A Transcriptomic Study. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2238.	4.1	8
21	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
22	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
23	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
24	The Unique Mechanisms of Cellular Proliferation, Migration and Apoptosis are Regulated through Oocyte Maturational Development: A Complete Transcriptomic and Histochemical Study. <i>International Journal of Molecular Sciences</i> , 2019, 20, 84.	4.1	21
25	Genes responsible for proliferation, differentiation, and junction adhesion are significantly up-regulated in human ovarian granulosa cells during a long-term primary in vitro culture. <i>Histochemistry and Cell Biology</i> , 2019, 151, 125-143.	1.7	20
26	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
27	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
28	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
29	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
30	Analysis of expression of genes responsible for regulation of cellular proliferation and migration: a microarray approach based on porcine oocyte model. <i>Medical Journal of Cell Biology (discontinued)</i> , 2019, 7, 48-57.	0.3	5
31	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
32	The genes regulating maintenance of cellular protein location are differentially expressed in porcine epithelial oviductal cells during long-term in vitro cultivation. <i>Medical Journal of Cell Biology (discontinued)</i> , 2019, 7, 77-85.	0.3	3
33	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
34	Nucleotide, ribonucleotide and ribonucleoside binding belongs to differentially expressed genes in porcine epithelial oviductal cells during long-term primary cultivation. <i>Medical Journal of Cell Biology (discontinued)</i> , 2019, 7, 161-169.	0.3	1
35	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
36	Differential expression pattern of genes involved in oxygen metabolism in epithelial oviductal cells during primary in vitro culture. <i>Medical Journal of Cell Biology (discontinued)</i> , 2019, 7, 66-76.	0.3	0

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37	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
38	Nicotinamide phosphoribosyltransferase and the hypothalamic-pituitary-adrenal axis of the rat. <i>Molecular Medicine Reports</i> , 2018, 17, 6163-6173.	2.4	3
39	Amino acids metabolism and degradation is regulated during porcine oviductal epithelial cells (OECs) primary culture in vitro – a signaling pathways activation approach. <i>Medical Journal of Cell Biology (discontinued)</i> , 2018, 6, 18-26.	0.3	15
40	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
41	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
42	–Positive Regulation of RNA Metabolic Process–Ontology Group Highly Regulated in Porcine Oocytes Matured In Vitro: A Microarray Approach. <i>BioMed Research International</i> , 2018, 2018, 1-10.	1.9	11
43	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
44	Expression pattern of new genes regulating female sex differentiation and in vitro maturational status of oocytes in pigs. <i>Theriogenology</i> , 2018, 121, 122-133.	2.1	13
45	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
46	Expression Changes in Fatty acid Metabolic Process-related Genes in Porcine Oocytes During in Vitro Maturation. <i>Medical Journal of Cell Biology (discontinued)</i> , 2018, 6, 48-54.	0.3	10
47	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
48	Protein oligomerization is the biochemical process highly up-regulated in porcine oocytes before in vitro maturation (IVM). <i>Medical Journal of Cell Biology (discontinued)</i> , 2018, 6, 155-162.	0.3	11
49	Genes involved in angiogenesis and circulatory system development are differentially expressed in porcine epithelial oviductal cells during long-term primary in vitro culture – a transcriptomic study. <i>Medical Journal of Cell Biology (discontinued)</i> , 2018, 6, 163-173.	0.3	13
50	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
51	Epithelium morphogenesis and oviduct development are regulated by significant increase of expression of genes after long-term in vitro primary culture – a microarray assays. <i>Medical Journal of Cell Biology (discontinued)</i> , 2018, 6, 195-204.	0.3	13
52	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
53	Nampt (Visfatin) Influence on Proliferative Activity of Normal Rat Adrenocortical Cells and Human Adrenal Corticocarcinoma Nci-H295r Cells. <i>Medical Journal of Cell Biology (discontinued)</i> , 2018, 6, 33-38.	0.3	0
54	–Bone Development–Is an Ontology Group Upregulated in Porcine Oocytes Before In Vitro Maturation: A Microarray Approach. <i>DNA and Cell Biology</i> , 2017, 36, 638-646.	1.9	8

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55	Does Porcine Oocytes Maturation in Vitro 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
56	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
57	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
58	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
59	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