Waclaw Tworzydlo

List of Publications by Year
in descending order

45	715	471477 17	610883 24
papers	citations	h-index	g-index

47	47	47	613
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Balbiani body, nuage and sponge bodies â€“ The germ plasm pathway players. Arthropod Structure and Development, 2014, 43, 341-348.	1.4	68
2	Selection of mitochondria in female germline cells: is Balbiani body implicated in this process?. Journal of Assisted Reproduction and Genetics, 2017, 34, 1405-1412.	2.5	42
3	Exclusion of dysfunctional mitochondria from Balbiani body during early oogenesis of Thermobia. Cell and Tissue Research, 2016, 366, 191-201.	2.9	39
4	Ovaries and germline cysts and their evolution in Dermaptera (Insecta). Arthropod Structure and Development, 2010, 39, 360-368.	1.4	35
5	The role of G-protein-coupled membrane estrogen receptor in mouse Leydig cell functionâ€”in vivo and in vitro evaluation. Cell and Tissue Research, 2018, 374, 389-412.	2.9	31
6	Morphology and ultrastructure of the germarium in panoistic ovarioles of a basal â€œapterygotousâ€• insect, Thermobia domestica. Zoology, 2014, 117, 200-206.	1.2	29
7	Structure of ovaries and oogenesis in dermapterans. I. Origin and functioning of the ovarian follicles. Arthropod Structure and Development, 2008, 37, 310-320.	1.4	26
8	Telocytes in the mouse testicular interstitium: implications of G-protein-coupled estrogen receptor (GPER) and estrogen-related receptor (ERR) in the regulation of mouse testicular interstitial cells. Protoplasma, 2019, 256, 393-408.	2.1	25
9	Are aryl hydrocarbon receptor and G-proteinâ€“coupled receptor 30 involved in the regulation of seasonal testis activity in photosensitive rodentâ€”the bank vole (Myodes glareolus)?. Theriogenology, 2016, 86, 674-686.e1.	2.1	23
10	Insights into the role of estrogen-related receptors Î±, Î² and Î³ in tumor Leydig cells. Tissue and Cell, 2018, 52, 78-91.	2.2	23
11	Female germline stem cell niches of earwigs are structurally simple and different from those of Drosophila melanogaster. Journal of Morphology, 2010, 271, 634-640.	1.2	21
12	Morphology of the ovarioles and the mode of oogenesis of Arixenia esau support the inclusion of Arixeniina to the Eudermaptera. Zoologischer Anzeiger, 2013, 252, 410-416.	0.9	20
13	Telocytes are localized to testis of the bank vole (Myodes glareolus) and are affected by lighting conditions and G-coupled membrane estrogen receptor (GPER) signaling. General and Comparative Endocrinology, 2019, 271, 39-48.	1.8	20
14	Differing strategies of patterning of follicular cells in higher and lower brachycerans (Diptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222	1.6	19
15	Embryos of the Viviparous Dermapteran, Arixenia esau Develop Sequentially in Two Compartments: Terminal Ovarian Follicles and the Uterus. PLoS ONE, 2013, 8, e64087.	2.5	18
16	Chlorinated biphenyls effect on estrogen-related receptor expression, steroid secretion, mitochondria ultrastructure but not on mitochondrial membrane potential in Leydig cells. Cell and Tissue Research, 2017, 369, 429-444.	2.9	18
17	Apelin and apelin receptor at different stages of corpus luteum development and effect of apelin on progesterone secretion and 3Î²-hydroxysteroid dehydrogenase (3Î²-HSD) in pigs. Animal Reproduction Science, 2018, 192, 251-260.	1.5	18
18	Do G-protein coupled estrogen receptor and bisphenol A analogs influence on Leydig cell epigenetic regulation in immature boar testis ex vivo?. Animal Reproduction Science, 2019, 207, 21-35.	1.5	16

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19	Interstitial Leydig Cell Tumorigenesisâ€"Leptin and Adiponectin Signaling in Relation to Aromatase Expression in the Human Testis. International Journal of Molecular Sciences, 2020, 21, 3649.	4.1	15
20	The Balbiani Body in the Female Germline Cells of an Earwig,Opisthocosmia silvestris. Zoological Science, 2009, 26, 754-757.	0.7	14
21	Flutamide induces alterations in the cell-cell junction ultrastructure and reduces the expression of Cx43 at the blood-testis barrier with no disturbance in the rat seminiferous tubule morphology. Reproductive Biology and Endocrinology, 2016, 14, 14.	3.3	14
22	Structure of Ovaries and Oogenesis in Dermapterans. II. The Nurse Cells, Nuage Aggregates and Sponge Bodies. Folia Biologica, 2009, 58, 67-72.	0.5	12
23	Transmission of Functional, Wild-Type Mitochondria and the Fittest mtDNA to the Next Generation: Bottleneck Phenomenon, Balbiani Body, and Mitophagy. Genes, 2020, 11, 104.	2.4	12
24	Regulation of steroidogenic function of mouse Leydig cells: G-coupled membrane estrogen receptor and peroxisome proliferator-activated receptor partnership. Journal of Physiology and Pharmacology, 2018, 69, .	1.1	12
25	Towards understanding leydigioma: do G protein-coupled estrogen receptor and peroxisome proliferatorâ€"activated receptor regulate lipid metabolism and steroidogenesis in Leydig cell tumors?. Protoplasma, 2020, 257, 1149-1163.	2.1	11
26	â€œReal lifeâ€•polycyclic aromatic hydrocarbon (PAH) mixtures modulate hCG, hPL and hPLGF levels and disrupt the physiological ratio of MMP-2 to MMP-9 and VEGF expression in human placenta cell lines. Reproductive Toxicology, 2020, 95, 1-10.	2.9	11
27	Meiosis, Balbiani body and early asymmetry of Thermobia oocyte. Protoplasma, 2017, 254, 649-655.	2.1	10
28	Organelle assemblages implicated in the transfer of oocyte components to the embryo: an insect perspective. Current Opinion in Insect Science, 2019, 31, 1-7.	4.4	10
29	Do estrogens regulate lipid status in testicular steroidogenic Leydig cell?. Acta Histochemica, 2019, 121, 611-618.	1.8	10
30	A Very Simple Mode of Follicular Cell Diversification inEuborellia fulviceps(Dermaptera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	0.7	9
31	The Pole (Germ) Plasm in Insect Oocytes. Results and Problems in Cell Differentiation, 2017, 63, 103-126.	0.7	9
32	A mixture of persistent organic pollutants detected in human follicular fluid increases progesterone secretion and mitochondrial activity in human granulosa HGrC1 cells. Reproductive Toxicology, 2021, 104, 114-124.	2.9	9
33	Unusual morphological adaptations and processes associated with viviparity in an epizoic dermapteran. PLoS ONE, 2018, 13, e0195647.	2.5	8
34	Apelin and apelin receptor in human placenta: Expression, signalling pathway and regulation of trophoblast JEGâ€'3 and BeWo cells proliferation and cell cycle. International Journal of Molecular Medicine, 2020, 45, 691-702.	4.0	8
35	Ovaries and phylogeny of dermapterans once more: Ovarian characters support paraphyly of Spongiphoridae. Zoologischer Anzeiger, 2014, 253, 321-326.	0.9	7
36	Relationship between lateral oviduct morphology and reproductive strategy in earwigs. Zoologischer Anzeiger, 2015, 254, 41-47.	0.9	7

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37	Ovaries and oogenesis in an epizoic dermapteran, Hemimerus talpoides (Dermaptera, Hemimeridae): Structural and functional adaptations to viviparity and matrotrophy. Zoology, 2017, 125, 32-40.	1.2	7
38	Morphogenesis of serial abdominal outgrowths during development of the viviparous dermapteran, Arixenia esau (Insecta, Dermaptera). Arthropod Structure and Development, 2019, 49, 62-69.	1.4	6
39	Octylphenol induces changes in glycosylation pattern, calcium level and ultrastructure of bank vole spermatozoa in vitro. Toxicology in Vitro, 2015, 29, 529-537.	2.4	5
40	Excretion in the motherâ€™s body: modifications of the larval excretory system in the viviparous dermapteran, Arixenia esau. Protoplasma, 2018, 255, 1799-1809.	2.1	4
41	Viviparity in the dermapteran Arixenia esau: respiration inside motherâ€™s body requires both maternal and larval contribution. Protoplasma, 2019, 256, 1573-1584.	2.1	4
42	Viviparity in Two Closely Related Epizoic Dermapterans Relies on Disparate Modifications of Reproductive Systems and Embryogenesis. Results and Problems in Cell Differentiation, 2019, 68, 455-475.	0.7	3
43	Evolutionary origin and functioning of pregenital abdominal outgrowths in a viviparous insect, Arixenia esau. Scientific Reports, 2019, 9, 16090.	3.3	2
44	Morphogenesis of the ovarian follicular epithelium during initial stages of embryogenesis of the viviparous earwig, Hemimerus talpoides. Journal of Morphology, 2020, 281, 47-54.	1.2	2
45	Morphogenesis of the Balbiani body in developing oocytes of an orthopteran, Metrioptera brachyptera, and multiplication of female germline mitochondria. Journal of Morphology, 2020, 281, 1142-1151.	1.2	2