

Waclaw Tworzydło

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45
papers

517
citations

14
h-index

19
g-index

47
ext. papers

635
ext. citations

2.6
avg, IF

4.02
L-index

#	Paper	IF	Citations
45	Balbiani body, nuage and sponge bodies--term plasm pathway players. <i>Arthropod Structure and Development</i> , 2014 , 43, 341-8	1.8	57
44	Selection of mitochondria in female germline cells: is Balbiani body implicated in this process?. <i>Journal of Assisted Reproduction and Genetics</i> , 2017 , 34, 1405-1412	3.4	30
43	Ovaries and germline cysts and their evolution in Dermaptera (Insecta). <i>Arthropod Structure and Development</i> , 2010 , 39, 360-8	1.8	27
42	Exclusion of dysfunctional mitochondria from Balbiani body during early oogenesis of <i>Thermobia</i> . <i>Cell and Tissue Research</i> , 2016 , 366, 191-201	4.2	24
41	Structure of ovaries and oogenesis in dermapterans. I. Origin and functioning of the ovarian follicles. <i>Arthropod Structure and Development</i> , 2008 , 37, 310-20	1.8	23
40	Morphology and ultrastructure of the germarium in panoistic ovarioles of a basal "apterygoteous" insect, <i>Thermobia domestica</i> . <i>Zoology</i> , 2014 , 117, 200-6	1.7	22
39	The role of G-protein-coupled membrane estrogen receptor in mouse Leydig cell function-in vivo and in vitro evaluation. <i>Cell and Tissue Research</i> , 2018 , 374, 389-412	4.2	19
38	Morphology of the ovarioles and the mode of oogenesis of <i>Arixenia esau</i> support the inclusion of <i>Arixeniina</i> to the Eudermaptera. <i>Zoologischer Anzeiger</i> , 2013 , 252, 410-416	1.1	18
37	Differing strategies of patterning of follicular cells in higher and lower brachycerans (Diptera: Brachycera). <i>Genesis</i> , 2005 , 43, 49-58	1.9	18
36	Female germline stem cell niches of earwigs are structurally simple and different from those of <i>Drosophila melanogaster</i> . <i>Journal of Morphology</i> , 2010 , 271, 634-40	1.6	17
35	Chlorinated biphenyls effect on estrogen-related receptor expression, steroid secretion, mitochondria ultrastructure but not on mitochondrial membrane potential in Leydig cells. <i>Cell and Tissue Research</i> , 2017 , 369, 429-444	4.2	16
34	Embryos of the viviparous dermapteran, <i>Arixenia esau</i> develop sequentially in two compartments: terminal ovarian follicles and the uterus. <i>PLoS ONE</i> , 2013 , 8, e64087	3.7	16
33	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. <i>Protoplasma</i> , 2019 , 256, 393-408	3.4	16
32	Insights into the role of estrogen-related receptors α and β in tumor Leydig cells. <i>Tissue and Cell</i> , 2018 , 52, 78-91	2.7	16
31	Apelin and apelin receptor at different stages of corpus luteum development and effect of apelin on progesterone secretion and 3 β hydroxysteroid dehydrogenase (3 β HSD) in pigs. <i>Animal Reproduction Science</i> , 2018 , 192, 251-260	2.1	14
30	Are aryl hydrocarbon receptor and G-protein-coupled receptor 30 involved in the regulation of seasonal testis activity in photosensitive rodent-the bank vole (<i>Myodes glareolus</i>)?. <i>Theriogenology</i> , 2016 , 86, 674-686.e1	2.8	14
29	Do G-protein coupled estrogen receptor and bisphenol A analogs influence on Leydig cell epigenetic regulation in immature boar testis ex vivo?. <i>Animal Reproduction Science</i> , 2019 , 207, 21-35	2.1	14

28	The Balbiani body in the female germline cells of an earwig, <i>Opisthocosmia silvestris</i> . <i>Zoological Science</i> , 2009 , 26, 754-7	0.8	13
27	Telocytes are localized to testis of the bank vole (<i>Myodes glareolus</i>) and are affected by lighting conditions and G-coupled membrane estrogen receptor (GPER) signaling. <i>General and Comparative Endocrinology</i> , 2019 , 271, 39-48	3	13
26	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. <i>Reproductive Biology and Endocrinology</i> , 2016 , 14, 14	5	12
25	Meiosis, Balbiani body and early asymmetry of <i>Thermobia</i> oocyte. <i>Protoplasma</i> , 2017 , 254, 649-655	3.4	9
24	Organelle assemblages implicated in the transfer of oocyte components to the embryo: an insect perspective. <i>Current Opinion in Insect Science</i> , 2019 , 31, 1-7	5.1	8
23	Structure of ovaries and oogenesis in dermapterans. II. The nurse cells, nuage aggregates and sponge bodies. <i>Folia Biologica</i> , 2010 , 58, 67-72	0.7	8
22	Relationship between lateral oviduct morphology and reproductive strategy in earwigs. <i>Zoologischer Anzeiger</i> , 2015 , 254, 41-47	1.1	7
21	Towards understanding leydigoma: do G protein-coupled estrogen receptor and peroxisome proliferator-activated receptor regulate lipid metabolism and steroidogenesis in Leydig cell tumors?. <i>Protoplasma</i> , 2020 , 257, 1149-1163	3.4	7
20	Ovaries and phylogeny of dermapterans once more: Ovarian characters support paraphyly of Spongiphoridae. <i>Zoologischer Anzeiger</i> , 2014 , 253, 321-326	1.1	7
19	Ovaries and oogenesis in an epizoic dermapteran, <i>Hemimerus talpoides</i> (Dermaptera, Hemimeridae): Structural and functional adaptations to viviparity and matrotrophy. <i>Zoology</i> , 2017 , 125, 32-40	1.7	7
18	A very simple mode of follicular cell diversification in <i>Euborellia fulviceps</i> (Dermaptera, Anisolabididae) involves actively migrating cells. <i>Zoological Science</i> , 2011 , 28, 802-8	0.8	7
17	Interstitial Leydig Cell Tumorigenesis-Leptin and Adiponectin Signaling in Relation to Aromatase Expression in the Human Testis. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	7
16	Regulation of steroidogenic function of mouse Leydig cells: G-coupled membrane estrogen receptor and peroxisome proliferator-activated receptor partnership. <i>Journal of Physiology and Pharmacology</i> , 2018 , 69,	2.1	6
15	Unusual morphological adaptations and processes associated with viviparity in an epizoic dermapteran. <i>PLoS ONE</i> , 2018 , 13, e0195647	3.7	6
14	Do estrogens regulate lipid status in testicular steroidogenic Leydig cell?. <i>Acta Histochemica</i> , 2019 , 121, 611-618	2	5
13	Transmission of Functional, Wild-Type Mitochondria and the Fittest mtDNA to the Next Generation: Bottleneck Phenomenon, Balbiani Body, and Mitophagy. <i>Genes</i> , 2020 , 11,	4.2	5
12	Octylphenol induces changes in glycosylation pattern, calcium level and ultrastructure of bank vole spermatozoa in vitro. <i>Toxicology in Vitro</i> , 2015 , 29, 529-37	3.6	5
11	Excretion in the mother's body: modifications of the larval excretory system in the viviparous dermapteran, <i>Arixenia esau</i> . <i>Protoplasma</i> , 2018 , 255, 1799-1809	3.4	4

10	Morphogenesis of serial abdominal outgrowths during development of the viviparous dermapteran, <i>Arixenia esau</i> (Insecta, Dermaptera). <i>Arthropod Structure and Development</i> , 2019 , 49, 62-69 ^{1.8}	4
9	The Pole (Germ) Plasm in Insect Oocytes. <i>Results and Problems in Cell Differentiation</i> , 2017 , 63, 103-126	1.4 3
8	Apelin and apelin receptor in human placenta: Expression, signalling pathway and regulation of trophoblast JEG-3 and BeWo cells proliferation and cell cycle. <i>International Journal of Molecular Medicine</i> , 2020 , 45, 691-702	4.4 3
7	"Real life" 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. <i>Reproductive Toxicology</i> , 2020 , 95, 1-10	3.4 3
6	Viviparity in the dermapteran <i>Arixenia esau</i> : respiration inside mother's body requires both maternal and larval contribution. <i>Protoplasma</i> , 2019 , 256, 1573-1584	3.4 2
5	Morphogenesis of the ovarian follicular epithelium during initial stages of embryogenesis of the viviparous earwig, <i>Hemimerus talpoides</i> . <i>Journal of Morphology</i> , 2020 , 281, 47-54	1.6 2
4	Evolutionary origin and functioning of pregenital abdominal outgrowths in a viviparous insect, <i>Arixenia esau</i> . <i>Scientific Reports</i> , 2019 , 9, 16090	4.9 1
3	Viviparity in Two Closely Related Epizoic Dermapterans Relies on Disparate Modifications of Reproductive Systems and Embryogenesis. <i>Results and Problems in Cell Differentiation</i> , 2019 , 68, 455-475 ^{1.4}	1 1
2	Morphogenesis of the Balbiani body in developing oocytes of an orthopteran, <i>Metrioptera brachyptera</i> , and multiplication of female germline mitochondria. <i>Journal of Morphology</i> , 2020 , 281, 1142-1151 ^{1.6}	1.6 1
1	A mixture of persistent organic pollutants detected in human follicular fluid increases progesterone secretion and mitochondrial activity in human granulosa HGrC1 cells. <i>Reproductive Toxicology</i> , 2021 , 104, 114-124	3.4 0