Magdalena Rost-Roszkowska

List of Publications by Year
in descending order

74 papers	9,056 citations	304743 22 h-index	95266 68 g-index
75 all docs	75 docs citations	75 times ranked	20179 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
3	Degeneration of the midgut epithelium in Epilachna cf. nylanderi (Insecta, Coccinellidae): apoptosis, autophagy, and necrosis. Canadian Journal of Zoology, 2008, 86, 1179-1188.	1.0	42
4	Apoptotic and necrotic changes in the midgut glands of the wolf spider Xerolycosa nemoralis (Lycosidae) in response to starvation and dimethoate exposure. Ecotoxicology and Environmental Safety, 2014, 101, 157-167.	6.0	36
5	Short-term in vivo exposure to graphene oxide can cause damage to the gut and testis. Journal of Hazardous Materials, 2017, 328, 80-89.	12.4	36
6	Germ cell cluster organization and oogenesis in the tardigrade Dactylobiotus parthenogeneticus Bertolani, 1982 (Eutardigrada, Murrayidae). Protoplasma, 2015, 252, 1019-1029.	2.1	35
7	Cell Death in the Epithelia of the Intestine and Hepatopancreas in Neocaridina heteropoda (Crustacea,) Tj ETQq1 1 0.784314 rgBT /Ov	2.5	35
8	The role of autophagy in the midgut epithelium of Eubranchipus grubii (Crustacea, Branchiopoda,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.4	34
9	The role of cell death in the midgut epithelium in Filientomon takanawanum (Protura). Tissue and Cell, 2010, 42, 24-31.	2.2	30
10	Ultrastructural changes of the midgut epithelium in Isohypsibius granulifer granulifer Thulin, 1928 (Tardigrada: Eutardigrada) during oogenesis. Protoplasma, 2011, 248, 405-414.	2.1	30
11	Autophagy as the cell survival in response to a microsporidian infection of the midgut epithelium of Isohypsibius granulifer granulifer (Eutardigrada: Hypsibiidae). Acta Zoologica, 2013, 94, 273-279.	0.8	28
12	Structure and Ultrastructure of the Endodermal Region of the Alimentary Tract in the Freshwater Shrimp Neocaridina heteropoda (Crustacea, Malacostraca). PLoS ONE, 2015, 10, e0126900.	2.5	28
13	Oxidative stress and genotoxic effects of diamond nanoparticles. Environmental Research, 2016, 148, 264-272.	7.5	28
14	Ultrastructure of the gut epithelium in Acheta domesticus after long-term exposure to nanodiamonds supplied with food. Arthropod Structure and Development, 2016, 45, 253-264.	1.4	28
15	The effect of starvation and re-feeding on mitochondrial potential in the midgut of Neocaridina davidi (Crustacea, Malacostraca). PLoS ONE, 2017, 12, e0173563.	2.5	28
16	Apoptosis and Autophagy in the Midgut Epithelium ofAcheta domesticus(Insecta, Orthoptera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.7	27
17	Changes in the midgut cells in the European cave spider, Meta menardi, during starvation in spring and autumn. Histochemistry and Cell Biology, 2018, 149, 245-260.	1.7	27
18	The role of autophagy in the midgut epithelium of Parachela (Tardigrada). Zoomorphology, 2018, 137, 501-509.	0.8	27

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19	The ultrastructure of the midgut epithelium in millipedes (Myriapoda, Diplopoda). Arthropod Structure and Development, 2014, 43, 477-492.	1.4	26
20	Ultrastructural changes in the midgut epithelium ofHypsibius dujardini(DoyÃ¨re, 1840) (Tardigrada, Eutardigrada, Hypsibiidae) in relation to oogenesis. Zoological Journal of the Linnean Society, 2016, 178, 897-906.	2.3	25
21	Graphene oxide as a new anthropogenic stress factor - multigenerational study at the molecular, cellular, individual and population level of Acheta domesticus. Journal of Hazardous Materials, 2020, 396, 122775.	12.4	25
22	Ultrastructural Changes in the Midgut Epithelium of <I>Acheta domesticus</I> (Orthoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 2008, 101, 151-158.	2.5	22
23	Ultrastructure and regeneration of midgut epithelial cells in <scp>L</scp>ithobius forficatus (<scp>C</scp>hilopoda, <scp>L</scp>ithobiidae). Invertebrate Biology, 2012, 131, 119-132.	0.9	22
24	Ultrastructural changes and programmed cell death of trophocytes in the gonad of Isohypsibius granulifer granulifer Thulin, 1928 (Tardigrada, Eutardigrada, Isohypsibiidae). Micron, 2015, 70, 26-33.	2.2	22
25	Influence of soil contaminated with cadmium on cell death in the digestive epithelium of soil centipede Lithobius forficatus (Myriapoda, Chilopoda). , 2020, 87, 242-262.		22
26	Differentiation of Regenerative Cells in the Midgut Epithelium of Epilachna cf. nylanderi (Mulsant 1850) (Insecta, Coleoptera, Coccinellidae). Folia Biologica, 2010, 58, 209-216.	0.5	20
27	Ultrastructure of the midgut in Heteroptera (Hemiptera) with different feeding habits. Protoplasma, 2017, 254, 1743-1753.	2.1	20
28	Comparative Studies on Regeneration of the Midgut Epithelium in <I>Lepisma saccharina</I> and <I>Thermobia domestica</I>. Annals of the Entomological Society of America, 2006, 99, 910-916.	2.5	19
29	Body cavity cells of Parachela during their active life. Zoological Journal of the Linnean Society, 2016, 178, 878-887.	2.3	19
30	Autophagy and Apoptosis in the Midgut Epithelium of Millipedes. Microscopy and Microanalysis, 2019, 25, 1004-1016.	0.4	19
31	DNA damage in Spodoptera exigua after multigenerational cadmium exposure - A trade-off between genome stability and adaptation. Science of the Total Environment, 2020, 745, 141048.	8.0	18
32	Ultrastructural studies of midgut epithelium formation inLepisma saccharina L. (Insecta, Zygentoma). Journal of Morphology, 2007, 268, 224-231.	1.2	17
33	The fine structure of the midgut epithelium in a centipede, Scolopendra cingulata (Chilopoda,) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Development, 2014, 43, 27-42.	1.4	17
34	Effects of food contaminated with cadmium and copper on hemocytes of Steatoda grossa (Araneae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	6.0	17
35	Microevolution or wide tolerance? Level of stress proteins in the beet armyworm Spodoptera eqigua hÃ¼bner (Lepidoptera: Noctuidae) exposed to cadmium for over 150 generations. Ecotoxicology and Environmental Safety, 2019, 178, 1-8.	6.0	17
36	Fine structure of the midgut epithelium in two Archaeognatha, Lepismachilis notata and Machilis hrabei (Insecta), in relation to its degeneration and regeneration. Protoplasma, 2010, 247, 91-101.	2.1	16

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37	Evaluation of selected biological properties of the hunting web spider (Steatoda grossa, Theridiidae) in the aspect of short- and long-term exposure to cadmium. Science of the Total Environment, 2019, 656, 297-306.	8.0	16
38	Effects of short-term exposure of Acheta domesticus to nanodiamonds in food: DNA damage but no histological alteration in tissues. Carbon, 2016, 110, 458-468.	10.3	15
39	Autophagy and apoptosis in starved and refedNeocaridina davidi(Crustacea, Malacostraca) midgut. Canadian Journal of Zoology, 2019, 97, 294-303.	1.0	15
40	Effects of short- and long-term exposure to cadmium on salivary glands and fat body of soil centipede Lithobius forficatus (Myriapoda, Chilopoda): Histology and ultrastructure. Micron, 2020, 137, 102915.	2.2	15
41	Relationship between ROS production, MnSOD activation and periods of fasting and re-feeding in freshwater shrimpNeocaridina davidi(Crustacea, Malacostraca). PeerJ, 2019, 7, e7399.	2.0	15
42	Does autophagy in the midgut epithelium of centipedes depend on the day/night cycle?. Micron, 2015, 68, 130-139.	2.2	14
43	Degeneration of the Midgut Epithelium in Allacma fusca L. (Insecta, Collembola, Symphypleona): Apoptosis and Necrosis. Zoological Science, 2008, 25, 753-759.	0.7	12
44	Ultrastructure of the Midgut Epithelium in Dactylobiotus Dispar (Tardigrada: Eutardigrada) During Encystation. Zoologica Poloniae: the Journal of Polish Zoological Society, 2008, 53, 19-25.	0.2	12
45	Apoptosis and necrosis during the circadian cycle in the centipede midgut. Protoplasma, 2016, 253, 1051-1061.	2.1	12
46	Postembryonic development and differentiation of the midgut in the freshwater shrimp Neocaridina davidi (Crustacea, Malacostraca, Decapoda) larvae. Journal of Morphology, 2021, 282, 48-65.	1.2	12
47	Effects of cadmium on mitochondrial structure and function in different organs: studies on the soil centipedeLithobius forficatus(Myriapoda, Chilopoda). , 2021, 88, 632-648.		12
48	Fine Structure of the Midgut Epithelium of Nicoletia phytophila Gervais, 1844 (Zygentoma:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.5	10
49	Morphology and ultrastructure of the midgut in Piscicola geometra (Annelida, Hirudinea). Protoplasma, 2012, 249, 1037-1047.	2.1	10
50	Skin care during the menopause period: noninvasive procedures of beauty studies. Postepy Dermatologii I Alergologii, 2013, 6, 388-395.	0.9	10
51	Fine structure of the midgut epithelium in the millipede Telodeinopus aoutii (Myriapoda, Diplopoda) with special emphasis on epithelial regeneration. Protoplasma, 2018, 255, 43-55.	2.1	10
52	Ovaries and testes of Lithobius forficatus (Myriapoda, Chilopoda) react differently to the presence of cadmium in the environment. Scientific Reports, 2022, 12, 6705.	3.3	10
53	Ultrastructural analysis of apoptosis and autophagy in the midgut epithelium of Piscicola geometra (Annelida, Hirudinida) after blood feeding. Protoplasma, 2015, 252, 1387-1396.	2.1	9
54	Enzymatic activities in the digestive tract of spirostreptid and spirobolid millipedes (Diplopoda:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Molecular Biology, 2020, 241, 110388.	1.6	9

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55	Autophagy: a necessary defense against extreme cadmium intoxication in a multigenerational 2D experiment. Scientific Reports, 2020, 10, 21141.	3.3	9
56	Can insecticide-free clean water regenerate the midgut epithelium of the freshwater shrimp after dimethoate treatment?. Micron, 2022, 155, 103162.	2.2	9
57	Ultrastructural changes in the midgut epithelium of the first larva of Allacma fusca (Insecta,) Tj ETQq1 1 0.784314 rgBT /Overlock	0.9	8
58	Ultrastructure of the salivary glands in Lithobius forficatus (Myriapoda, Chilopoda, Lithobiidae) according to seasonal and circadian rhythms. Arthropod Structure and Development, 2016, 45, 536-551.	1.4	8
59	Investigation of the midgut structure and ultrastructure in Cimex lectularius and Cimex pipistrelli (Hemiptera: Cimicidae). Neotropical Entomology, 2017, 46, 45-57.	1.2	7
60	Fine structure of the midgut epithelium of Thulinius ruffoi (Tardigrada, Eutardigrada, Parachela) in relation to oogenesis and simplex stage. Arthropod Structure and Development, 2019, 49, 128-136.	1.4	7
61	Hazards related to the presence of cadmium in food â€“ Studies on the European soil centipede, Lithobius forficatus. Science of the Total Environment, 2022, 845, 157298.	8.0	7
62	Ultrastructure of alimentary tract formation in embryos of two insect species: Melasoma saliceti and Chrysolina pardalina (Coleoptera, Chrysomelidae). Arthropod Structure and Development, 2007, 36, 351-360.	1.4	6
63	Ultrastructure of two Types of Endocrine Cells in the Midgut Epithelium of Spodoptera Exiqua HÅ±bner, 1808 (Insecta, Lepidoptera, Noctuidae). Zoologica Poloniae: the Journal of Polish Zoological Society, 2008, 53, 27-35.	0.2	5
64	The fine structure of the midgut epithelium in Xerobiotus pseudohufelandi (Iharos, 1966) (Tardigrada,) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.1	5
65	Ultrastructural studies on the midgut of biting midge Forcipomyia nigra (Winnertz) (Diptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.2	5
66	Structure of the midgut epithelium in four diplopod species: histology, histochemistry and ultrastructure. Arthropod Systematics and Phylogeny, 0, 79, 295-308.	1.1	5
67	Ultrastructure of the fat body in the soil centipedes Lithobius forficatus (Lithobiidae) and Geophilus flavus (Geophilidae) according to their seasonal rhythms. Zoologischer Anzeiger, 2019, 279, 82-93.	0.9	4
68	The effect of selected immunostimulants on hemocytes of the false black widow Steatoda grossa (Theridiidae) spiders under chronic exposition to cadmium. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2022, 252, 109221.	2.6	4
69	The ultrastructure of the hepatic cells in millipedes (Myriapoda, Diplopoda). Zoologischer Anzeiger, 2018, 274, 95-102.	0.9	3
70	The activity of hydrolytic enzymes in the digestive system of Acanthobdellida, Branchiobdellida and Hirudinida (Annelida, Clitellata) â€“ considerations on similarity and phylogeny. , 2021, 88, 26-43.		3
71	Ultrastructure of the midgut epithelium in three species of Macrobiotidae (Tardigrada: Eutardigrada:) Tj ETQq1 1 0.784314 rgBT /Ove	2.3	2
72	Origin of the Brushborder in the Differentiating Midgut of Melasoma saliceti (Chrysomelidae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.5	2

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73	Changes in the avascular area of the meniscus using mesenchymal stem cells and growth plate chondrocytes in a pig model. Journal of Anatomy, 2021, 239, 1409-1418.	1.5	1
74	Assessment of the knowledge of clients of beauty salons about treatments with the use of hyaluronic acid and their impact on skin revitalization. Aesthetic Cosmetology and Medicine, 2022, 11, 65-73.	0.1	0