

# Magdalena Rost-Roszkowska

## List of Publications by Year in descending order

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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	Can insecticide-free clean water regenerate the midgut epithelium of the freshwater shrimp after dimethoate treatment?. <i>Micron</i> , 2022, 155, 103162.	2.2	9
2	The effect of selected immunostimulants on hemocytes of the false black widow <i>Steatoda grossa</i> (Theridiidae) spiders under chronic exposition to cadmium. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022, 252, 109221.	2.6	4
3	Ovaries and testes of <i>Lithobius forficatus</i> (Myriapoda, Chilopoda) react differently to the presence of cadmium in the environment. <i>Scientific Reports</i> , 2022, 12, 6705.	3.3	10
4	Assessment of the knowledge of clients of beauty salons about treatments with the use of hyaluronic acid and their impact on skin revitalization. <i>Aesthetic Cosmetology and Medicine</i> , 2022, 11, 65-73.	0.1	0
5	Hazards related to the presence of cadmium in food – Studies on the European soil centipede, <i>Lithobius forficatus</i> . <i>Science of the Total Environment</i> , 2022, 845, 157298.	8.0	7
6	Postembryonic development and differentiation of the midgut in the freshwater shrimp <i>Neocaridina davidi</i> (Crustacea, Malacostraca, Decapoda) larvae. <i>Journal of Morphology</i> , 2021, 282, 48-65.	1.2	12
7	The activity of hydrolytic enzymes in the digestive system of Acanthobdellida, Branchiobdellida and Hirudinida (Annelida, Clitellata) – considerations on similarity and phylogeny. , 2021, 88, 26-43.		3
8	Changes in the avascular area of the meniscus using mesenchymal stem cells and growth plate chondrocytes in a pig model. <i>Journal of Anatomy</i> , 2021, 239, 1409-1418.	1.5	1
9	Effects of cadmium on mitochondrial structure and function in different organs: studies on the soil centipede <i>Lithobius forficatus</i> (Myriapoda, Chilopoda). , 2021, 88, 632-648.		12
10	Enzymatic activities in the digestive tract of spirostreptid and spirobolid millipedes (Diplopoda): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38 <i>Molecular Biology</i> , 2020, 241, 110388.	1.6	9
11	DNA damage in <i>Spodoptera exigua</i> after multigenerational cadmium exposure - A trade-off between genome stability and adaptation. <i>Science of the Total Environment</i> , 2020, 745, 141048.	8.0	18
12	Autophagy: a necessary defense against extreme cadmium intoxication in a multigenerational 2D experiment. <i>Scientific Reports</i> , 2020, 10, 21141.	3.3	9
13	Influence of soil contaminated with cadmium on cell death in the digestive epithelium of soil centipede <i>Lithobius forficatus</i> (Myriapoda, Chilopoda). , 2020, 87, 242-262.		22
14	Effects of short- and long-term exposure to cadmium on salivary glands and fat body of soil centipede <i>Lithobius forficatus</i> (Myriapoda, Chilopoda): Histology and ultrastructure. <i>Micron</i> , 2020, 137, 102915.	2.2	15
15	Graphene oxide as a new anthropogenic stress factor - multigenerational study at the molecular, cellular, individual and population level of <i>Acheta domesticus</i> . <i>Journal of Hazardous Materials</i> , 2020, 396, 122775.	12.4	25
16	Ultrastructure of the fat body in the soil centipedes <i>Lithobius forficatus</i> (Lithobiidae) and <i>Geophilus flavus</i> (Geophilidae) according to their seasonal rhythms. <i>Zoologischer Anzeiger</i> , 2019, 279, 82-93.	0.9	4
17	Autophagy and Apoptosis in the Midgut Epithelium of Millipedes. <i>Microscopy and Microanalysis</i> , 2019, 25, 1004-1016.	0.4	19
18	Microevolution or wide tolerance? Level of stress proteins in the beet armyworm <i>Spodoptera exigua</i> (Lepidoptera: Noctuidae) exposed to cadmium for over 150 generations. <i>Ecotoxicology and Environmental Safety</i> , 2019, 178, 1-8.	6.0	17

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19	Autophagy and apoptosis in starved and refed <i>Neocaridina davidi</i> (Crustacea, Malacostraca) midgut. <i>Canadian Journal of Zoology</i> , 2019, 97, 294-303.	1.0	15
20	Fine structure of the midgut epithelium of <i>Thulinus ruffoi</i> (Tardigrada, Eutardigrada, Parachela) in relation to oogenesis and simplex stage. <i>Arthropod Structure and Development</i> , 2019, 49, 128-136.	1.4	7
21	Evaluation of selected biological properties of the hunting web spider ( <i>Steatoda grossa</i> , Theridiidae) in the aspect of short- and long-term exposure to cadmium. <i>Science of the Total Environment</i> , 2019, 656, 297-306.	8.0	16
22	Relationship between ROS production, MnSOD activation and periods of fasting and re-feeding in freshwater shrimp <i>Neocaridina davidi</i> (Crustacea, Malacostraca). <i>PeerJ</i> , 2019, 7, e7399.	2.0	15
23	The ultrastructure of the hepatic cells in millipedes (Myriapoda, Diplopoda). <i>Zoologischer Anzeiger</i> , 2018, 274, 95-102.	0.9	3
24	Effects of food contaminated with cadmium and copper on hemocytes of <i>Steatoda grossa</i> (Araneae: Tj ETQq0 0 0 rgBT /Overlock 10 TF	6.50	17
25	Fine structure of the midgut epithelium in the millipede <i>Telodeinopus aoutii</i> (Myriapoda, Diplopoda) with special emphasis on epithelial regeneration. <i>Protoplasma</i> , 2018, 255, 43-55.	2.1	10
26	Changes in the midgut cells in the European cave spider, <i>Meta menardi</i> , during starvation in spring and autumn. <i>Histochemistry and Cell Biology</i> , 2018, 149, 245-260.	1.7	27
27	The role of autophagy in the midgut epithelium of <i>Parachela</i> (Tardigrada). <i>Zoomorphology</i> , 2018, 137, 501-509.	0.8	27
28	Ultrastructure of the midgut in Heteroptera (Hemiptera) with different feeding habits. <i>Protoplasma</i> , 2017, 254, 1743-1753.	2.1	20
29	Short-term in vivo exposure to graphene oxide can cause damage to the gut and testis. <i>Journal of Hazardous Materials</i> , 2017, 328, 80-89.	12.4	36
30	Investigation of the midgut structure and ultrastructure in <i>Cimex lectularius</i> and <i>Cimex pipistrelli</i> (Hemiptera: Cimicidae). <i>Neotropical Entomology</i> , 2017, 46, 45-57.	1.2	7
31	The effect of starvation and re-feeding on mitochondrial potential in the midgut of <i>Neocaridina davidi</i> (Crustacea, Malacostraca). <i>PLoS ONE</i> , 2017, 12, e0173563.	2.5	28
32	Ultrastructural changes in the midgut epithelium of <i>Hypsibius dujardini</i> (Doyère, 1840) (Tardigrada, Eutardigrada, Hypsibiidae) in relation to oogenesis. <i>Zoological Journal of the Linnean Society</i> , 2016, 178, 897-906.	2.3	25
33	Oxidative stress and genotoxic effects of diamond nanoparticles. <i>Environmental Research</i> , 2016, 148, 264-272.	7.5	28
34	Ultrastructure of the gut epithelium in <i>Acheta domesticus</i> after long-term exposure to nanodiamonds supplied with food. <i>Arthropod Structure and Development</i> , 2016, 45, 253-264.	1.4	28
35	Effects of short-term exposure of <i>Acheta domesticus</i> to nanodiamonds in food: DNA damage but no histological alteration in tissues. <i>Carbon</i> , 2016, 110, 458-468.	10.3	15
36	Body cavity cells of <i>Parachela</i> during their active life. <i>Zoological Journal of the Linnean Society</i> , 2016, 178, 878-887.	2.3	19

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37	Ultrastructure of the salivary glands in <i>Lithobius forficatus</i> (Myriapoda, Chilopoda, Lithobiidae) according to seasonal and circadian rhythms. <i>Arthropod Structure and Development</i> , 2016, 45, 536-551.	1.4	8
38	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
39	Apoptosis and necrosis during the circadian cycle in the centipede midgut. <i>Protoplasma</i> , 2016, 253, 1051-1061.	2.1	12
40	Cell Death in the Epithelia of the Intestine and Hepatopancreas in <i>Neocaridina heteropoda</i> (Crustacea). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382</i>	2.5	35
41	Structure and Ultrastructure of the Endodermal Region of the Alimentary Tract in the Freshwater Shrimp <i>Neocaridina heteropoda</i> (Crustacea, Malacostraca). <i>PLoS ONE</i> , 2015, 10, e0126900.	2.5	28
42	Ultrastructural analysis of apoptosis and autophagy in the midgut epithelium of <i>Piscicola geometra</i> (Annelida, Hirudinida) after blood feeding. <i>Protoplasma</i> , 2015, 252, 1387-1396.	2.1	9
43	Germ cell cluster organization and oogenesis in the tardigrade <i>Dactylobiotus parthenogeneticus</i> Bertolani, 1982 (Eutardigrada, Murrayidae). <i>Protoplasma</i> , 2015, 252, 1019-1029.	2.1	35
44	Ultrastructural changes and programmed cell death of trophocytes in the gonad of <i>Isohypsibius granulifer granulifer</i> Thulin, 1928 (Tardigrada, Eutardigrada, Isohypsibiidae). <i>Micron</i> , 2015, 70, 26-33.	2.2	22
45	Does autophagy in the midgut epithelium of centipedes depend on the day/night cycle?. <i>Micron</i> , 2015, 68, 130-139.	2.2	14
46	Ultrastructural studies on the midgut of biting midge <i>Forcipomyia nigra</i> (Winnertz) (Diptera). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382</i>	2.2	5
47	Apoptotic and necrotic changes in the midgut glands of the wolf spider <i>Xerolycosa nemoralis</i> (Lycosidae) in response to starvation and dimethoate exposure. <i>Ecotoxicology and Environmental Safety</i> , 2014, 101, 157-167.	6.0	36
48	The ultrastructure of the midgut epithelium in millipedes (Myriapoda, Diplopoda). <i>Arthropod Structure and Development</i> , 2014, 43, 477-492.	1.4	26
49	The fine structure of the midgut epithelium in a centipede, <i>Scolopendra cingulata</i> (Chilopoda). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 1</i>	1.4	17
50	Autophagy as the cell survival in response to a microsporidian infection of the midgut epithelium of <i>Isohypsibius granulifer granulifer</i> (Eutardigrada: Hypsibiidae). <i>Acta Zoologica</i> , 2013, 94, 273-279.	0.8	28
51	Skin care during the menopause period: noninvasive procedures of beauty studies. <i>Postepy Dermatologii I Alergologii</i> , 2013, 6, 388-395.	0.9	10
52	The fine structure of the midgut epithelium in <i>Xerobiotus pseudohufelandi</i> (Iharos, 1966) (Tardigrada). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382</i>	1.1	5
53	Morphology and ultrastructure of the midgut in <i>Piscicola geometra</i> (Annelida, Hirudinea). <i>Protoplasma</i> , 2012, 249, 1037-1047.	2.1	10
54	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122

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55	The role of autophagy in the midgut epithelium of <i>Eubranchipus grubii</i> (Crustacea, Branchiopoda,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	1.4	34
56	Ultrastructure and regeneration of midgut epithelial cells in <i>Lithobius forficatus</i> (Ctenocephala, Chilopoda, Lithobiidae). Invertebrate Biology, 2012, 131, 119-132.	0.9	22
57	Ultrastructural changes of the midgut epithelium in <i>Isohypsibius granulifer granulifer</i> Thulin, 1928 (Tardigrada: Eutardigrada) during oogenesis. Protoplasma, 2011, 248, 405-414.	2.1	30
58	Origin of the Brushborder in the Differentiating Midgut of <i>Melasoma saliceti</i> (Chrysomelidae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.5	2
59	Fine structure of the midgut epithelium in two Archaeognatha, <i>Lepismachilis notata</i> and <i>Machilis hrabei</i> (Insecta), in relation to its degeneration and regeneration. Protoplasma, 2010, 247, 91-101.	2.1	16
60	Differentiation of Regenerative Cells in the Midgut Epithelium of <i>Epilachna cf. nylanderi</i> (Mulsant 1850) (Insecta, Coleoptera, Coccinellidae). Folia Biologica, 2010, 58, 209-216.	0.5	20
61	Fine Structure of the Midgut Epithelium of <i>Nicoletia phytophila</i> Gervais, 1844 (Zygentoma:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.5	10
62	The role of cell death in the midgut epithelium in <i>Filientomon takanawanum</i> (Protura). Tissue and Cell, 2010, 42, 24-31.	2.2	30
63	Apoptosis and Autophagy in the Midgut Epithelium of <i>Acheta domesticus</i> (Insecta, Orthoptera,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.7	27
64	Degeneration of the midgut epithelium in <i>Epilachna cf. nylanderi</i> (Insecta, Coccinellidae): apoptosis, autophagy, and necrosis. Canadian Journal of Zoology, 2008, 86, 1179-1188.	1.0	42
65	Degeneration of the Midgut Epithelium in <i>Allacma fusca</i> L. (Insecta, Collembola, Symphyleona): Apoptosis and Necrosis. Zoological Science, 2008, 25, 753-759.	0.7	12
66	Ultrastructure of two Types of Endocrine Cells in the Midgut Epithelium of <i>Spodoptera Exiqua</i> Hå±bner, 1808 (Insecta, Lepidoptera, Noctuidae). Zoologica Poloniae: the Journal of Polish Zoological Society, 2008, 53, 27-35.	0.2	5
67	Ultrastructure of the Midgut Epithelium in <i>Dactylobiotus Dispar</i> (Tardigrada: Eutardigrada) During Encystation. Zoologica Poloniae: the Journal of Polish Zoological Society, 2008, 53, 19-25.	0.2	12
68	Ultrastructural Changes in the Midgut Epithelium of <i>Acheta domesticus</i> (Orthoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.5	22
69	Ultrastructural studies of midgut epithelium formation in <i>Lepisma saccharina</i> L. (Insecta, Zygentoma). Journal of Morphology, 2007, 268, 224-231.	1.2	17
70	Ultrastructural changes in the midgut epithelium of the first larva of <i>Allacma fusca</i> (Insecta,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.9	8
71	Ultrastructure of alimentary tract formation in embryos of two insect species: <i>Melasoma saliceti</i> and <i>Chrysolina pardalina</i> (Coleoptera, Chrysomelidae). Arthropod Structure and Development, 2007, 36, 351-360.	1.4	6
72	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

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73	Ultrastructure of the midgut epithelium in three species of Macrobiotidae (Tardigrada: Eutardigrada.) Tj ETQq1 1 0.784314 rgBT /Ove	2.3	2
74	Structure of the midgut epithelium in four diplopod species: histology, histochemistry and ultrastructure. Arthropod Systematics and Phylogeny, 0, 79, 295-308.	1.1	5