Ulrich Theopold

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2878598/publications.pdf

Version: 2024-02-01

80 papers	4,287 citations	101543 36 h-index	114465 63 g-index
87 all docs	87 docs citations	87 times ranked	3354 citing authors

#	Article	IF	Citations
1	Coagulation in arthropods: defence, wound closure and healing. Trends in Immunology, 2004, 25, 289-294.	6.8	297
2	Innate immunity and its evasion and suppression by hymenopteran endoparasitoids. BioEssays, 2001, 23, 344-351.	2.5	285
3	Pathogen Entrapment by Transglutaminaseâ€"A Conserved Early Innate Immune Mechanism. PLoS Pathogens, 2010, 6, e1000763.	4.7	169
4	Crystal cell rupture after injury in Drosophila requires the JNK pathway, small GTPases and the TNF homolog Eiger. Journal of Cell Science, 2007, 120, 1209-1215.	2.0	161
5	Coagulation, an ancestral serine protease cascade, exerts a novel function in early immune defense. Blood, 2011, 118, 2589-2598.	1.4	155
6	The Sleeping Beauty: How Reproductive Diapause Affects Hormone Signaling, Metabolism, Immune Response and Somatic Maintenance in Drosophila melanogaster. PLoS ONE, 2014, 9, e113051.	2.5	150
7	The coagulation of insect hemolymph. Cellular and Molecular Life Sciences, 2002, 59, 363-372.	5.4	145
8	Isolation and Characterization of Hemolymph Clotting Factors in Drosophila melanogaster by a Pullout Method. Current Biology, 2004, 14, 625-629.	3.9	135
9	Proteomic Analysis of the Drosophila Larval Hemolymph Clot. Journal of Biological Chemistry, 2004, 279, 52033-52041.	3.4	133
10	Hemolymph coagulation and phenoloxidase in larvae. Developmental and Comparative Immunology, 2005, 29, 669-679.	2.3	127
11	Coagulation Systems of Invertebrates and Vertebrates and Their Roles in Innate Immunity: The Same Side of Two Coins?. Journal of Innate Immunity, 2011, 3, 34-40.	3.8	111
12	A polydnavirus-encoded protein of an endoparasitoid wasp is an immune suppressor.. Journal of General Virology, 1997, 78, 3061-3070.	2.9	110
13	Genome-Wide Transcriptional Analysis of <i>Drosophila</i> Larvae Infected by Entomopathogenic Nematodes Shows Involvement of Complement, Recognition and Extracellular Matrix Proteins. Journal of Innate Immunity, 2014, 6, 192-204.	3.8	102
14	Insect hemolymph clotting: evidence for interaction between the coagulation system and the prophenoloxidase activating cascade. Insect Biochemistry and Molecular Biology, 2002, 32, 919-928.	2.7	101
15	Damage signals in the insect immune response. Frontiers in Plant Science, 2014, 5, 342.	3.6	96
16	Slowed aging during reproductive dormancy is reflected in genome-wide transcriptome changes in Drosophila melanogaster. BMC Genomics, 2016, 17, 50.	2.8	95
17	A role for Hemolectin in coagulation and immunity in Drosophila melanogaster. Developmental and Comparative Immunology, 2007, 31, 1255-1263.	2.3	92
18	A protein with protective properties against the cellular defense reactions in insects. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 3690-3695.	7.1	90

#	Article	IF	Citations
19	Activation of Insect Phenoloxidase after Injury: Endogenous versus Foreign Elicitors. Journal of Innate Immunity, 2009, 1, 301-308.	3.8	89
20	Helix pomatia Lectin, an Inducer of Drosophila Immune Response, Binds to Hemomucin, a Novel Surface Mucin. Journal of Biological Chemistry, 1996, 271, 12708-12715.	3.4	83
21	A Drosophila salivary gland mucin is also expressed in immune tissues: evidence for a function in coagulation and the entrapment of bacteria. Insect Biochemistry and Molecular Biology, 2004, 34, 1297-1304.	2.7	71
22	Clotting Factors and Eicosanoids Protect against Nematode Infections. Journal of Innate Immunity, 2011, 3, 65-70.	3.8	71
23	CalpA, a Drosophila Calpain Homolog Specifically Expressed in a Small Set of Nerve, Midgut, and Blood Cells. Molecular and Cellular Biology, 1995, 15, 824-834.	2.3	64
24	The <i>Drosophila</i> Chitinase-Like Protein IDGF3 Is Involved in Protection against Nematodes and in Wound Healing. Journal of Innate Immunity, 2016, 8, 199-210.	3.8	62
25	Role of Adhesion in Arthropod Immune Recognition. Annual Review of Entomology, 2010, 55, 485-504.	11.8	59
26	The Drosophila clotting system and its messages for mammals. Developmental and Comparative Immunology, 2014, 42, 42-46.	2.3	59
27	Protein-specific cytotoxic T lymphocytes. Recognition of transfectants expressing intracellular, membrane-associated or secreted forms of Î²-galactosidase. Immunogenetics, 1989, 30, 296-302.	2.4	57
28	Fondue and transglutaminase in the Drosophila larval clot. Journal of Insect Physiology, 2008, 54, 586-592.	2.0	56
29	The Toll immune-regulated Drosophila protein Fondue is involved in hemolymph clotting and puparium formation. Developmental Biology, 2006, 295, 156-163.	2.0	53
30	Insect Glycobiology: A Lectin Multigene Family in Drosophila melanogaster. Biochemical and Biophysical Research Communications, 1999, 261, 923-927.	2.1	49
31	Evidence for serine protease inhibitor activity in the ovarian calyx fluid of the endoparasitoid Venturia canescens. Journal of Insect Physiology, 2000, 46, 1275-1283.	2.0	49
32	Apoptosis in Hemocytes Induces a Shift in Effector Mechanisms in the Drosophila Immune System and Leads to a Pro-Inflammatory State. PLoS ONE, 2015, 10, e0136593.	2.5	49
33	Is the surface of endoparasitic wasp eggs and larvae covered by a limited coagulation reaction?. Journal of Insect Physiology, 1999, 45, 501-506.	2.0	46
34	Characterization of Reproductive Dormancy in Male Drosophila melanogaster. Frontiers in Physiology, 2016, 7, 572.	2.8	43
35	HLH106, a Drosophila transcription factor with similarity to the vertebrate sterol responsive element binding protein.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 1195-1199.	7.1	41
36	A Drosophila immune response against Ras-induced overgrowth. Biology Open, 2014, 3, 250-260.	1.2	39

#	Article	IF	Citations
37	Helix pomatia lectin and annexin V, two molecular probes for insect microparticles: possible involvement in hemolymph coagulation. Journal of Insect Physiology, 1997, 43, 667-674.	2.0	38
38	TER94, a Drosophila homolog of the membrane fusion protein CDC48/p97, is accumulated in nonproliferating cells: in the reproductive organs and in the brain of the imago. Insect Biochemistry and Molecular Biology, 1998, 28, 91-98.	2.7	38
39	Multiple alleles encoding a virusâ€like particle protein in the ichneumonid endoparasitoid Venturia canescens. Insect Molecular Biology, 1996, 5, 239-249.	2.0	36
40	Insect Antimicrobial Defences. Advances in Insect Physiology, 2017, , 1-33.	2.7	30
41	Animal and Plant Members of a Gene Family with Similarity to Alkaloid-Synthesizing Enzymes. Biochemical and Biophysical Research Communications, 2000, 271, 191-196.	2.1	26
42	Possible function of two insect phospholipid-hydroperoxide glutathione peroxidases. Journal of Insect Physiology, 2003, 49, 1-9.	2.0	26
43	Proteomics of the Drosophila immune response. Trends in Biotechnology, 2004, 22, 600-605.	9.3	26
44	A bad boy comes good. Nature, 2009, 461, 486-487.	27.8	26
45	Insect hemolymph coagulation: Kinetics of classically and non-classically secreted clotting factors. Insect Biochemistry and Molecular Biology, 2019, 109, 63-71.	2.7	24
46	An improved method for nematode infection assays in Drosophila larvae. Fly, 2012, 6, 75-79.	1.7	23
47	Immune defense and suppression in insects. BioEssays, 1991, 13, 343-346.	2.5	21
48	FKBP39, a Drosophila member of a family of proteins that bind the immunosuppressive drug FK506. Gene, 1995, 156, 247-251.	2.2	21
49	A maternal gene mutation correlates with an ovary phenotype in a parthenogenetic wasp population. Insect Biochemistry and Molecular Biology, 1999, 29, 453-460.	2.7	21
50	Evidence for an immune function of lepidopteran silk proteins. Biochemical and Biophysical Research Communications, 2007, 352, 317-322.	2.1	21
51	SWI/SNF regulates the alternative processing of a specific subset of pre-mRNAs in Drosophila melanogaster. BMC Molecular Biology, 2011, 12, 46.	3.0	21
52	Changes in glycosylation during Drosophila development. The influence of ecdysone on hemomucin isoforms. Insect Biochemistry and Molecular Biology, 2001, 31, 189-197.	2.7	20
53	Cloning of a VLP-protein coding gene from a Parasitoid WaspVenturia canescens. Archives of Insect Biochemistry and Physiology, 1994, 26, 137-145.	1.5	19
54	Differences in Cellular Immune Competence Explain Parasitoid Resistance for Two Coleopteran Species. PLoS ONE, 2014, 9, e108795.	2.5	19

#	Article	IF	Citations
55	Geographic variation and tradeâ€offs in parasitoid virulence. Journal of Animal Ecology, 2016, 85, 1595-1604.	2.8	19
56	Two distinct reproductive strategies are correlated with an ovarian phenotype in co-existing parthenogenetic strains of a parasitic wasp. Journal of Insect Physiology, 2001, 47, 1189-1195.	2.0	18
57	The Immune Phenotype of ThreeDrosophilaLeukemia Models. G3: Genes, Genomes, Genetics, 2017, 7, 2139-2149.	1.8	18
58	Drosophila melanogaster Responses against Entomopathogenic Nematodes: Focus on Hemolymph Clots. Insects, 2020, 11, 62.	2.2	18
59	Partial tolerance in Î²-galactosidase-transgenic mice. European Journal of Immunology, 1990, 20, 1311-1316.	2.9	17
60	Lectin-induced haemocyte inactivation in insects. Journal of Insect Physiology, 2004, 50, 955-963.	2.0	17
61	Genetic analysis of two distinct reproductive strategies in sexual and asexual field populations of an endoparasitic wasp, Venturia canescens. Heredity, 2003, 90, 291-297.	2.6	13
62	Thioester-containing proteins: At the crossroads of immune effector mechanisms. Virulence, 2017, 8, 1468-1470.	4.4	12
63	Tissue-autonomous immune response regulates stress signaling during hypertrophy. ELife, 2020, 9, .	6.0	12
64	High-Resolution Infection Kinetics of Entomopathogenic Nematodes Entering Drosophila melanogaster. Insects, 2020, 11, 60.	2.2	11
65	Mechanisms of Drosophila Immunity - An Innate Immune System at Work. Current Immunology Reviews, 2007, 3, 276-288.	1.2	10
66	An extracellular driving force of cell-shape changes. BioEssays, 2004, 26, 1344-1350.	2.5	9
67	INSECT AND VERTEBRATE IMMUNITY: KEY SIMILARITIES VERSUS DIFFERENCES. , 2008, , 1-23.		9
68	Monitoring the effect of pathogenic nematodes on locomotion of Drosophila larvae. Fly, 2017, 11, 208-217.	1.7	7
69	Data on Drosophila clots and hemocyte morphologies using GFP-tagged secretory proteins: Prophenoloxidase and transglutaminase. Data in Brief, 2019, 25, 104229.	1.0	7
70	Anti-Fibrotic Activity of an Antimicrobial Peptide in a <i>Drosophila</i> Model. Journal of Innate Immunity, 2021, 13, 376-390.	3.8	7
71	Hemostasis in Invertebrates and Vertebrates: An Evolutionary Excursion. Journal of Innate Immunity, 2011, 3, 1-2.	3.8	6
72	Differential Expression of Immune Genes between Two Closely Related Beetle Species with Different Immunocompetence following Attack by Asecodes parviclava. Genome Biology and Evolution, 2020, 12, 522-534.	2.5	6

#	Article	IF	Citations
73	A Population Genomic Investigation of Immune Cell Diversity and Phagocytic Capacity in a Butterfly. Genes, 2021, 12, 279.	2.4	5
74	Proto-pyroptosis: An Ancestral Origin for Mammalian Inflammatory Cell Death Mechanism in Drosophila melanogaster. Journal of Molecular Biology, 2022, 434, 167333.	4.2	5
75	Physiological Tradeoffs of Immune Response Differs by Infection Type in Pieris napi. Frontiers in Physiology, 2020, 11, 576797.	2.8	4
76	Multi-target Chromogenic Whole-mount In Situ Hybridization for Comparing Gene Expression Domains in Drosophila Embryos. Journal of Visualized Experiments, 2016, , e53830.	0.3	3
77	The Tinkerer at Work. Journal of Innate Immunity, 2009, 1, 281-281.	3.8	1
78	Immune recognition and suppression in insects. Developmental and Comparative Immunology, 1991, 15, S98.	2.3	0
79	Otto Schmidt (1947â€“2011) â€“ Open Doors and an Open Mind. Journal of Innate Immunity, 2012, 4, 117-118.	3.8	0
80	TRP channels, the missing link for Ca2+ tuning by a unicellular eukaryotic parasite?. Cell Calcium, 2021, 98, 102449.	2.4	0