

Bruno C Lemaître

List of Publications by Year in Descending Order

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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.

182
papers

24,012
citations

72
h-index

154
g-index

209
ext. papers

28,069
ext. citations

10.6
avg, IF

7.13
L-index

#	Paper	IF	Citations
182	Steroid-dependent switch of OvoL/Shavenbaby controls self-renewal versus differentiation of intestinal stem cells. <i>EMBO Journal</i> , 2021 , 40, e104347	13	2
181	Cecropins contribute to Drosophila host defense against a subset of fungal and Gram-negative bacterial infection. <i>Genetics</i> , 2021 ,	4	4
180	Dual proteomics of Drosophila melanogaster hemolymph infected with the heritable endosymbiont Spiroplasma poulsonii. <i>PLoS ONE</i> , 2021 , 16, e0250524	3.7	2
179	Rapid molecular evolution of symbionts of. <i>Microbial Genomics</i> , 2021 , 7,	4.4	8
178	The Drosophila Baramicin polypeptide gene protects against fungal infection. <i>PLoS Pathogens</i> , 2021 , 17, e1009846	7.6	7
177	Antimicrobial Peptides and Lysozymes Regulate Gut Microbiota Composition and Abundance. <i>MBio</i> , 2021 , 12, e0082421	7.8	8
176	A secreted factor NimrodB4 promotes the elimination of apoptotic corpses by phagocytes in Drosophila. <i>EMBO Reports</i> , 2021 , 22, e52262	6.5	2
175	Autophagy as a Gatekeeper of Intestinal Homeostasis. <i>Developmental Cell</i> , 2021 , 56, 5-6	10.2	1
174	The iron transporter Transferrin 1 mediates homeostasis of the endosymbiotic relationship between Drosophila melanogaster and Spiroplasma poulsonii. <i>MicroLife</i> , 2021 , 2,	5	1
173	The wall-less bacterium builds a polymeric cytoskeleton composed of interacting MreB isoforms. <i>IScience</i> , 2021 , 24, 103458	6.1	4
172	Iron sequestration by transferrin 1 mediates nutritional immunity in. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 7317-7325	11.5	27
171	Comparative RNA-Seq analyses of Drosophila plasmatocytes reveal gene specific signatures in response to clean injury and septic injury. <i>PLoS ONE</i> , 2020 , 15, e0235294	3.7	11
170	Renal Purge of Hemolymphatic Lipids Prevents the Accumulation of ROS-Induced Inflammatory Oxidized Lipids and Protects Drosophila from Tissue Damage. <i>Immunity</i> , 2020 , 52, 374-387.e6	32.3	22
169	Transformation of the Sex-Manipulative Endosymbiont Spiroplasma poulsonii and Persisting Hurdles for Functional Genetic Studies. <i>Applied and Environmental Microbiology</i> , 2020 , 86,	4.8	6
168	Blind killing of both male and female Drosophila embryos by a natural variant of the endosymbiotic bacterium Spiroplasma poulsonii. <i>Cellular Microbiology</i> , 2020 , 22, e13156	3.9	8
167	New insights on Drosophila antimicrobial peptide function in host defense and beyond. <i>Current Opinion in Immunology</i> , 2020 , 62, 22-30	7.8	54
166	The adipokine NimrodB5 regulates peripheral hematopoiesis in Drosophila. <i>FEBS Journal</i> , 2020 , 287, 3399-3426	5.7	10

165	Growing Ungrowable Bacteria: Overview and Perspectives on Insect Symbiont Culturability. <i>Microbiology and Molecular Biology Reviews</i> , 2020 , 84,	13.2	7
164	Comparative RNA-Seq analyses of Drosophila plasmatocytes reveal gene specific signatures in response to clean injury and septic injury 2020 , 15, e0235294		
163	Comparative RNA-Seq analyses of Drosophila plasmatocytes reveal gene specific signatures in response to clean injury and septic injury 2020 , 15, e0235294		
162	Comparative RNA-Seq analyses of Drosophila plasmatocytes reveal gene specific signatures in response to clean injury and septic injury 2020 , 15, e0235294		
161	Comparative RNA-Seq analyses of Drosophila plasmatocytes reveal gene specific signatures in response to clean injury and septic injury 2020 , 15, e0235294		
160	More Than Black or White: Melanization and Toll Share Regulatory Serine Proteases in Drosophila. <i>Cell Reports</i> , 2019 , 27, 1050-1061.e3	10.6	44
159	The Exchangeable Apolipoprotein Nplp2 Sustains Lipid Flow and Heat Acclimation in Drosophila. <i>Cell Reports</i> , 2019 , 27, 886-899.e6	10.6	10
158	Two Nimrod receptors, NimC1 and Eater, synergistically contribute to bacterial phagocytosis in Drosophila melanogaster. <i>FEBS Journal</i> , 2019 , 286, 2670-2691	5.7	17
157	Functional analysis of RIP toxins from the Drosophila endosymbiont Spiroplasma poulsonii. <i>BMC Microbiology</i> , 2019 , 19, 46	4.5	8
156	Synergy and remarkable specificity of antimicrobial peptides in vivo using a systematic knockout approach. <i>ELife</i> , 2019 , 8,	8.9	74
155	Author response: Synergy and remarkable specificity of antimicrobial peptides in vivo using a systematic knockout approach 2019 ,		3
154	The antimicrobial peptide defensin cooperates with tumour necrosis factor to drive tumour cell death in. <i>ELife</i> , 2019 , 8,	8.9	29
153	Adult Drosophila Lack Hematopoiesis but Rely on a Blood Cell Reservoir at the Respiratory Epithelia to Relay Infection Signals to Surrounding Tissues. <i>Developmental Cell</i> , 2019 , 51, 787-803.e5	10.2	32
152	Dynamic Evolution of Antimicrobial Peptides Underscores Trade-Offs Between Immunity and Ecological Fitness. <i>Frontiers in Immunology</i> , 2019 , 10, 2620	8.4	21
151	Male-killing toxin in a bacterial symbiont of Drosophila. <i>Nature</i> , 2018 , 557, 252-255	50.4	69
150	Culture of the Insect Endosymbiont Highlights Bacterial Genes Involved in Host-Symbiont Interaction. <i>MBio</i> , 2018 , 9,	7.8	35
149	Common and unique strategies of male killing evolved in two distinct symbionts. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018 , 285,	4.4	16
148	Cell-Specific Imd-NF- κ B Responses Enable Simultaneous Antibacterial Immunity and Intestinal Epithelial Cell Shedding upon Bacterial Infection. <i>Immunity</i> , 2018 , 48, 897-910.e7	32.3	40

147	Microbiota-Derived Lactate Activates Production of Reactive Oxygen Species by the Intestinal NADPH Oxidase Nox and Shortens Drosophila Lifespan. <i>Immunity</i> , 2018 , 49, 929-942.e5	32.3	92
146	Evolution of longevity improves immunity in. <i>Evolution Letters</i> , 2018 , 2, 567-579	5.3	30
145	Anatomy and Physiology of the Digestive Tract of. <i>Genetics</i> , 2018 , 210, 357-396	4	164
144	Science, narcissism and the quest for visibility. <i>FEBS Journal</i> , 2017 , 284, 875-882	5.7	15
143	Physiological Adaptations to Sugar Intake: New Paradigms from Drosophila melanogaster. <i>Trends in Endocrinology and Metabolism</i> , 2017 , 28, 131-142	8.8	26
142	The gram-negative sensing receptor PGRP-LC contributes to grooming induction in Drosophila. <i>PLoS ONE</i> , 2017 , 12, e0185370	3.7	9
141	Transforming Growth Factor β Activin signaling in neurons increases susceptibility to starvation. <i>PLoS ONE</i> , 2017 , 12, e0187054	3.7	3
140	La mont� du narcissisme ?. <i>Commentaire</i> , 2017 , Num�o158, 359	0.4	
139	Thioester-containing proteins regulate the Toll pathway and play a role in Drosophila defence against microbial pathogens and parasitoid wasps. <i>BMC Biology</i> , 2017 , 15, 79	7.3	46
138	A genetic framework controlling the differentiation of intestinal stem cells during regeneration in Drosophila. <i>PLoS Genetics</i> , 2017 , 13, e1006854	6	36
137	Protection from within. <i>ELife</i> , 2017 , 6,	8.9	4
136	The regulatory isoform rPGRP-LC induces immune resolution via endosomal degradation of receptors. <i>Nature Immunology</i> , 2016 , 17, 1150-8	19.1	38
135	Connecting the obesity and the narcissism epidemics. <i>Medical Hypotheses</i> , 2016 , 95, 10-19	3.8	4
134	Cell Division by Longitudinal Scission in the Insect Endosymbiont Spiroplasma poulsonii. <i>MBio</i> , 2016 , 7,	7.8	8
133	The Role of Lipid Competition for Endosymbiont-Mediated Protection against Parasitoid Wasps in Drosophila. <i>MBio</i> , 2016 , 7,	7.8	55
132	PGRP-SD, an Extracellular Pattern-Recognition Receptor, Enhances Peptidoglycan-Mediated Activation of the Drosophila Imd Pathway. <i>Immunity</i> , 2016 , 45, 1013-1023	32.3	54
131	Male-killing symbiont damages host's dosage-compensated sex chromosome to induce embryonic apoptosis. <i>Nature Communications</i> , 2016 , 7, 12781	17.4	27
130	Sensing Gram-negative bacteria: a phylogenetic perspective. <i>Current Opinion in Immunology</i> , 2016 , 38, 8-17	7.8	42

129	The dual oxidase gene BdDuox regulates the intestinal bacterial community homeostasis of <i>Bactrocera dorsalis</i> . <i>ISME Journal</i> , 2016 , 10, 1037-50	11.9	50
128	Remote Control of Intestinal Stem Cell Activity by Haemocytes in <i>Drosophila</i> . <i>PLoS Genetics</i> , 2016 , 12, e1006089	6	78
127	Chemometric Analysis of Bacterial Peptidoglycan Reveals Atypical Modifications That Empower the Cell Wall against Predatory Enzymes and Fly Innate Immunity. <i>Journal of the American Chemical Society</i> , 2016 , 138, 9193-204	16.4	39
126	Genetic, molecular and physiological basis of variation in <i>Drosophila</i> gut immunocompetence. <i>Nature Communications</i> , 2015 , 6, 7829	17.4	42
125	Different flavors of Toll guide olfaction. <i>Trends in Immunology</i> , 2015 , 36, 439-41	14.4	2
124	Genome sequence of the <i>Drosophila melanogaster</i> male-killing <i>Spiroplasma</i> strain MSRO endosymbiont. <i>MBio</i> , 2015 , 6,	7.8	45
123	The Black cells phenotype is caused by a point mutation in the <i>Drosophila</i> pro-phenoloxidase 1 gene that triggers melanization and hematopoietic defects. <i>Developmental and Comparative Immunology</i> , 2015 , 50, 166-74	3.2	16
122	Determination of the structure of the O-antigen and the lipid A from the entomopathogenic bacterium <i>Pseudomonas entomophila</i> lipopolysaccharide along with its immunological properties. <i>Carbohydrate Research</i> , 2015 , 412, 20-7	2.9	5
121	Infection Dynamics and Immune Response in a Newly Described <i>Drosophila</i> -Trypanosomatid Association. <i>MBio</i> , 2015 , 6, e01356-15	7.8	25
120	Gut physiology mediates a trade-off between adaptation to malnutrition and susceptibility to food-borne pathogens. <i>Ecology Letters</i> , 2015 , 18, 1078-86	10	21
119	<i>Drosophila</i> innate immunity: regional and functional specialization of prophenoloxidases. <i>BMC Biology</i> , 2015 , 13, 81	7.3	93
118	X-ray and Cryo-electron Microscopy Structures of Monalysin Pore-forming Toxin Reveal Multimerization of the Pro-form. <i>Journal of Biological Chemistry</i> , 2015 , 290, 13191-201	5.4	15
117	From Embryo to Adult: Hematopoiesis along the <i>Drosophila</i> Life Cycle. <i>Developmental Cell</i> , 2015 , 33, 367-8	10.2	8
116	The Nimrod transmembrane receptor Eater is required for hemocyte attachment to the sessile compartment in <i>Drosophila melanogaster</i> . <i>Biology Open</i> , 2015 , 4, 355-63	2.2	53
115	Accumulation of differentiating intestinal stem cell progenies drives tumorigenesis. <i>Nature Communications</i> , 2015 , 6, 10219	17.4	45
114	<i>Pseudomonas entomophila</i> : A Versatile Bacterium with Entomopathogenic Properties 2015 , 25-49		2
113	Methods to study <i>Drosophila</i> immunity. <i>Methods</i> , 2014 , 68, 116-28	4.6	90
112	Microbiota-induced changes in <i>drosophila melanogaster</i> host gene expression and gut morphology. <i>MBio</i> , 2014 , 5, e01117-14	7.8	243

111	The Drosophila MAPK p38c regulates oxidative stress and lipid homeostasis in the intestine. <i>PLoS Genetics</i> , 2014 , 10, e1004659	6	56
110	Prophenoloxidase activation is required for survival to microbial infections in Drosophila. <i>PLoS Pathogens</i> , 2014 , 10, e1004067	7.6	184
109	Transforming growth factor β /activin signaling functions as a sugar-sensing feedback loop to regulate digestive enzyme expression. <i>Cell Reports</i> , 2014 , 9, 336-348	10.6	70
108	Insect endosymbiont proliferation is limited by lipid availability. <i>ELife</i> , 2014 , 3, e02964	8.9	55
107	Gut homeostasis in a microbial world: insights from Drosophila melanogaster. <i>Nature Reviews Microbiology</i> , 2013 , 11, 615-26	22.2	303
106	Morphological and molecular characterization of adult midgut compartmentalization in Drosophila. <i>Cell Reports</i> , 2013 , 3, 1725-38	10.6	308
105	The digestive tract of Drosophila melanogaster. <i>Annual Review of Genetics</i> , 2013 , 47, 377-404	14.5	267
104	Morphological and Molecular Characterization of Adult Midgut Compartmentalization in Drosophila. <i>Cell Reports</i> , 2013 , 3, 1755	10.6	3
103	Translation inhibition and metabolic stress pathways in the host response to bacterial pathogens. <i>Nature Reviews Microbiology</i> , 2013 , 11, 365-9	22.2	47
102	Vertical transmission of a Drosophila endosymbiont via cooption of the yolk transport and internalization machinery. <i>MBio</i> , 2013 , 4,	7.8	69
101	Crystallization and preliminary X-ray analysis of monalysin, a novel β -pore-forming toxin from the entomopathogen <i>Pseudomonas entomophila</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2013 , 69, 930-3		3
100	Functional analysis of PGRP-LA in Drosophila immunity. <i>PLoS ONE</i> , 2013 , 8, e69742	3.7	43
99	dRYBP contributes to the negative regulation of the Drosophila Imd pathway. <i>PLoS ONE</i> , 2013 , 8, e62053	3.7	21
98	Taxonomic characterisation of <i>Pseudomonas</i> strain L48 and formal proposal of <i>Pseudomonas entomophila</i> sp. nov. <i>Systematic and Applied Microbiology</i> , 2012 , 35, 145-9	4.2	60
97	Infection-induced host translational blockage inhibits immune responses and epithelial renewal in the Drosophila gut. <i>Cell Host and Microbe</i> , 2012 , 12, 60-70	23.4	128
96	Tissue- and ligand-specific sensing of gram-negative infection in drosophila by PGRP-LC isoforms and PGRP-LE. <i>Journal of Immunology</i> , 2012 , 189, 1886-97	5.3	100
95	Autocrine and paracrine unpaired signaling regulate intestinal stem cell maintenance and division. <i>Journal of Cell Science</i> , 2012 , 125, 5944-9	5.3	101
94	Gut-associated microbes of Drosophila melanogaster. <i>Gut Microbes</i> , 2012 , 3, 307-21	8.8	313

93	Negative regulation by amidase PGRPs shapes the <i>Drosophila</i> antibacterial response and protects the fly from innocuous infection. <i>Immunity</i> , 2011 , 35, 770-9	32.3	186
92	<i>Drosophila</i> immunity: analysis of PGRP-SB1 expression, enzymatic activity and function. <i>PLoS ONE</i> , 2011 , 6, e17231	3.7	67
91	Spiroplasma and host immunity: activation of humoral immune responses increases endosymbiont load and susceptibility to certain Gram-negative bacterial pathogens in <i>Drosophila melanogaster</i> . <i>Cellular Microbiology</i> , 2011 , 13, 1385-96	3.9	72
90	Mercury is a direct and potent β -secretase inhibitor affecting Notch processing and development in <i>Drosophila</i> . <i>FASEB Journal</i> , 2011 , 25, 2287-95	0.9	24
89	Genetic evidence for a protective role of the peritrophic matrix against intestinal bacterial infection in <i>Drosophila melanogaster</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 15966-71	11.5	195
88	Monalysin, a novel β -pore-forming toxin from the <i>Drosophila</i> pathogen <i>Pseudomonas entomophila</i> , contributes to host intestinal damage and lethality. <i>PLoS Pathogens</i> , 2011 , 7, e1002259	7.6	75
87	A secondary metabolite acting as a signalling molecule controls <i>Pseudomonas entomophila</i> virulence. <i>Cellular Microbiology</i> , 2010 , 12, 1666-79	3.9	42
86	Association of hemolytic activity of <i>Pseudomonas entomophila</i> , a versatile soil bacterium, with cyclic lipopeptide production. <i>Applied and Environmental Microbiology</i> , 2010 , 76, 910-21	4.8	93
85	<i>Drosophila</i> EGFR pathway coordinates stem cell proliferation and gut remodeling following infection. <i>BMC Biology</i> , 2010 , 8, 152	7.3	247
84	A non-redundant role for <i>Drosophila</i> Mkk4 and hemipterous/Mkk7 in TAK1-mediated activation of JNK. <i>PLoS ONE</i> , 2009 , 4, e7709	3.7	45
83	Invasive and indigenous microbiota impact intestinal stem cell activity through multiple pathways in <i>Drosophila</i> . <i>Genes and Development</i> , 2009 , 23, 2333-44	12.6	499
82	Genetic ablation of <i>Drosophila</i> phagocytes reveals their contribution to both development and resistance to bacterial infection. <i>Journal of Innate Immunity</i> , 2009 , 1, 322-34	6.9	91
81	Proteolytic cascade for the activation of the insect toll pathway induced by the fungal cell wall component. <i>Journal of Biological Chemistry</i> , 2009 , 284, 19474-81	5.4	111
80	Evf, a virulence factor produced by the <i>Drosophila</i> pathogen <i>Erwinia carotovora</i> , is an S-palmitoylated protein with a new fold that binds to lipid vesicles. <i>Journal of Biological Chemistry</i> , 2009 , 284, 3552-62	5.4	25
79	Long-range activation of systemic immunity through peptidoglycan diffusion in <i>Drosophila</i> . <i>PLoS Pathogens</i> , 2009 , 5, e1000694	7.6	63
78	A single modular serine protease integrates signals from pattern-recognition receptors upstream of the <i>Drosophila</i> Toll pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 12442-7	11.5	129
77	<i>Drosophila</i> intestinal response to bacterial infection: activation of host defense and stem cell proliferation. <i>Cell Host and Microbe</i> , 2009 , 5, 200-11	23.4	580
76	Recognition and response to microbial infection in <i>Drosophila</i> 2009 , 13-33		16

75	Toll-like receptors--taking an evolutionary approach. <i>Nature Reviews Genetics</i> , 2008 , 9, 165-78	30.1	380
74	Bacterial strategies to overcome insect defences. <i>Nature Reviews Microbiology</i> , 2008 , 6, 302-13	22.2	218
73	Drosophila Serpin-28D regulates hemolymph phenoloxidase activity and adult pigmentation. <i>Developmental Biology</i> , 2008 , 323, 189-96	3.1	87
72	A serpin that regulates immune melanization in the respiratory system of Drosophila. <i>Developmental Cell</i> , 2008 , 15, 617-26	10.2	97
71	PIMS modulates immune tolerance by negatively regulating Drosophila innate immune signaling. <i>Cell Host and Microbe</i> , 2008 , 4, 147-58	23.4	174
70	Drosophila immunity: methods for monitoring the activity of Toll and Imd signaling pathways. <i>Methods in Molecular Biology</i> , 2008 , 415, 379-94	1.4	40
69	The host defense of Drosophila melanogaster. <i>Annual Review of Immunology</i> , 2007 , 25, 697-743	34.7	2232
68	Erwinia carotovora Evf antagonizes the elimination of bacteria in the gut of Drosophila larvae. <i>Cellular Microbiology</i> , 2007 , 9, 106-19	3.9	38
67	Drosophila immunity: a large-scale in vivo RNAi screen identifies five serine proteases required for Toll activation. <i>Current Biology</i> , 2006 , 16, 808-13	6.3	158
66	Prevalence of local immune response against oral infection in a Drosophila/Pseudomonas infection model. <i>PLoS Pathogens</i> , 2006 , 2, e56	7.6	189
65	The Drosophila inhibitor of apoptosis protein DIAP2 functions in innate immunity and is essential to resist gram-negative bacterial infection. <i>Molecular and Cellular Biology</i> , 2006 , 26, 7821-31	4.8	109
64	Two proteases defining a melanization cascade in the immune system of Drosophila. <i>Journal of Biological Chemistry</i> , 2006 , 281, 28097-104	5.4	144
63	A Spätzle-processing enzyme required for toll signaling activation in Drosophila innate immunity. <i>Developmental Cell</i> , 2006 , 10, 45-55	10.2	207
62	The Drosophila amidase PGRP-LB modulates the immune response to bacterial infection. <i>Immunity</i> , 2006 , 24, 463-73	32.3	343
61	The Toll immune-regulated Drosophila protein Fondue is involved in hemolymph clotting and puparium formation. <i>Developmental Biology</i> , 2006 , 295, 156-63	3.1	48
60	The MAPKKK Mekk1 regulates the expression of Turandot stress genes in response to septic injury in Drosophila. <i>Genes To Cells</i> , 2006 , 11, 397-407	2.3	67
59	Complete genome sequence of the entomopathogenic and metabolically versatile soil bacterium Pseudomonas entomophila. <i>Nature Biotechnology</i> , 2006 , 24, 673-9	44.5	205
58	Inhibitor of apoptosis 2 and TAK1-binding protein are components of the Drosophila Imd pathway. <i>EMBO Journal</i> , 2005 , 24, 3423-34	13	169

57	Structure and metabolism of peptidoglycan and molecular requirements allowing its detection by the <i>Drosophila</i> innate immune system. <i>Journal of Endotoxin Research</i> , 2005 , 11, 105-11		41
56	<i>Drosophila</i> host defense after oral infection by an entomopathogenic <i>Pseudomonas</i> species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 11414-9	11.5	307
55	In vivo RNA interference analysis reveals an unexpected role for GGBP1 in the defense against Gram-positive bacterial infection in <i>Drosophila</i> adults. <i>Journal of Biological Chemistry</i> , 2004 , 279, 12848-53	5.4	121
54	Peptidoglycan molecular requirements allowing detection by the <i>Drosophila</i> immune deficiency pathway. <i>Journal of Immunology</i> , 2004 , 173, 7339-48	5.3	120
53	The road to Toll. <i>Nature Reviews Immunology</i> , 2004 , 4, 521-7	36.5	158
52	<i>Drosophila</i> : a polyvalent model to decipher host-pathogen interactions. <i>Trends in Microbiology</i> , 2004 , 12, 235-42	12.4	65
51	A <i>Drosophila</i> pattern recognition receptor contains a peptidoglycan docking groove and unusual L,D-carboxypeptidase activity. <i>PLoS Biology</i> , 2004 , 2, E277	9.7	77
50	A single gene that promotes interaction of a phytopathogenic bacterium with its insect vector, <i>Drosophila melanogaster</i> . <i>EMBO Reports</i> , 2003 , 4, 205-9	6.5	70
49	Directed expression of the HIV-1 accessory protein Vpu in <i>Drosophila</i> fat-body cells inhibits Toll-dependent immune responses. <i>EMBO Reports</i> , 2003 , 4, 976-81	6.5	47
48	Sensing microbes by diverse hosts. Workshop on pattern recognition proteins and receptors. <i>EMBO Reports</i> , 2003 , 4, 932-6	6.5	16
47	The <i>Drosophila</i> immune system detects bacteria through specific peptidoglycan recognition. <i>Nature Immunology</i> , 2003 , 4, 478-84	19.1	430
46	Inducible expression of double-stranded RNA reveals a role for dFADD in the regulation of the antibacterial response in <i>Drosophila</i> adults. <i>Current Biology</i> , 2002 , 12, 996-1000	6.3	157
45	A ubiquitin-proteasome pathway represses the <i>Drosophila</i> immune deficiency signaling cascade. <i>Current Biology</i> , 2002 , 12, 1728-37	6.3	80
44	The Toll and Imd pathways are the major regulators of the immune response in <i>Drosophila</i> . <i>EMBO Journal</i> , 2002 , 21, 2568-79	13	592
43	Constitutive expression of a single antimicrobial peptide can restore wild-type resistance to infection in immunodeficient <i>Drosophila</i> mutants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 2152-7	11.5	154
42	27 Methods for studying infection and immunity in <i>Drosophila</i> . <i>Methods in Microbiology</i> , 2002 , 31, 507-529		30
41	An immune-responsive Serpin regulates the melanization cascade in <i>Drosophila</i> . <i>Developmental Cell</i> , 2002 , 3, 581-92	10.2	266
40	How <i>Drosophila</i> combats microbial infection: a model to study innate immunity and host-pathogen interactions. <i>Current Opinion in Microbiology</i> , 2002 , 5, 102-10	7.9	282

39	Immunology. Pathogen surveillance--the flies have it. <i>Science</i> , 2002 , 296, 273-5	33.3	35
38	Mutations in the Drosophila dTAK1 gene reveal a conserved function for MAPKKKs in the control of rel/NF-kappaB-dependent innate immune responses. <i>Genes and Development</i> , 2001 , 15, 1900-12	12.6	237
37	Genome-wide analysis of the Drosophila immune response by using oligonucleotide microarrays. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 12590-5	11.5	579
36	Drosophila immunity: two paths to NF-kappaB. <i>Trends in Immunology</i> , 2001 , 22, 260-4	14.4	132
35	Genes that fight infection: what the Drosophila genome says about animal immunity. <i>Trends in Genetics</i> , 2000 , 16, 442-9	8.5	132
34	Stop press: genes that fight infections: what the drosophila genome says about animal immunity. <i>Trends in Genetics</i> , 2000 , 16, 468	8.5	0
33	The Drosophila caspase Dredd is required to resist gram-negative bacterial infection. <i>EMBO Reports</i> , 2000 , 1, 353-8	6.5	322
32	Comparative genomics of the eukaryotes. <i>Science</i> , 2000 , 287, 2204-15	33.3	1364
31	Gram-negative bacteria-binding protein, a pattern recognition receptor for lipopolysaccharide and beta-1,3-glucan that mediates the signaling for the induction of innate immune genes in Drosophila melanogaster cells. <i>Journal of Biological Chemistry</i> , 2000 , 275, 32721-7	5.4	220
30	The phytopathogenic bacteria <i>Erwinia carotovora</i> infects Drosophila and activates an immune response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 3376-3381	11.5	270
29	Tissue-specific inducible expression of antimicrobial peptide genes in Drosophila surface epithelia. <i>Immunity</i> , 2000 , 13, 737-48	32.3	434
28	A mosaic analysis in Drosophila fat body cells of the control of antimicrobial peptide genes by the Rel proteins Dorsal and DIF. <i>EMBO Journal</i> , 1999 , 18, 3380-91	13	159
27	La drosophile : un modèle pour l'étude de la réponse immunitaire innée. <i>Medecine/Sciences</i> , 1999 , 15, 15		3
26	A drosomycin-GFP reporter transgene reveals a local immune response in Drosophila that is not dependent on the Toll pathway. <i>EMBO Journal</i> , 1998 , 17, 1217-27	13	279
25	Two distinct pathways can control expression of the gene encoding the Drosophila antimicrobial peptide metchnikowin. <i>Journal of Molecular Biology</i> , 1998 , 278, 515-27	6.5	106
24	In vivo regulation of the IkappaB homologue cactus during the immune response of Drosophila. <i>Journal of Biological Chemistry</i> , 1998 , 273, 10463-9	5.4	79
23	Drosophila host defense: differential induction of antimicrobial peptide genes after infection by various classes of microorganisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 14614-9	11.5	770
22	Antimicrobial peptide defense in Drosophila. <i>BioEssays</i> , 1997 , 19, 1019-26	4.1	151

21	Drosophila immunity: analysis of larval hemocytes by P-element-mediated enhancer trap. <i>Genetics</i> , 1997 , 147, 623-34	4	73
20	Expression of antimicrobial peptide genes after infection by parasitoid wasps in Drosophila. <i>Developmental and Comparative Immunology</i> , 1996 , 20, 175-81	3.2	28
19	The dorsoventral regulatory gene cassette <i>spz/Ezle/Toll/cactus</i> controls the potent antifungal response in Drosophila adults. <i>Cell</i> , 1996 , 86, 973-83	56.2	2896
18	Functional analysis and regulation of nuclear import of dorsal during the immune response in Drosophila.. <i>EMBO Journal</i> , 1995 , 14, 536-545	13	179
17	A recessive mutation, immune deficiency (<i>imd</i>), defines two distinct control pathways in the Drosophila host defense. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 9465-9	11.5	463
16	Drosophila P element: transposition, regulation and evolution. <i>Genetica</i> , 1994 , 93, 61-78	1.5	23
15	Insect immunity: the dipterin promoter contains multiple functional regulatory sequences homologous to mammalian acute-phase response elements. <i>Biochemical and Biophysical Research Communications</i> , 1993 , 197, 508-17	3.4	53
14	Maternal inheritance of P cytotype in Drosophila melanogaster: a "pre-P cytotype" is strictly extra-chromosomally transmitted. <i>Molecular Genetics and Genomics</i> , 1993 , 241, 115-23		44
13	Maternal repression of the P element promoter in the germline of Drosophila melanogaster: a model for the P cytotype. <i>Genetics</i> , 1993 , 135, 149-60	4	73
12	P regulatory products repress in vivo the P promoter activity in P-lacZ fusion genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991 , 88, 4419-23	11.5	55
11	Blood Cells of Adult Drosophila Do Not Expand, But Control Survival after Bacterial Infection by Induction of Drosocin Around Their Reservoir at the Respiratory Epithelia. <i>SSRN Electronic Journal</i> ,	1	1
10	Rapid molecular evolution of Spiroplasma symbionts of Drosophila		1
9	The Drosophila Baramicin polypeptide gene protects against fungal infection		5
8	The antimicrobial peptide Defensin cooperates with Tumour Necrosis Factor to drive tumour cell death in Drosophila		2
7	Blood cells of adult Drosophila do not expand, but control survival after bacterial infection by induction of Drosocin around their reservoir at the respiratory epithelia		1
6	Shavenbaby protein isoforms orchestrate the self-renewal versus differentiation of Drosophila intestinal stem cells		2
5	Metabolic adjustment of Drosophila hemocyte number and sessility by an adipokine		1
4	Drosophila antimicrobial peptides and lysozymes regulate gut microbiota composition and abundance		1

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| 3 | Cecropins contribute to <i>Drosophila</i> host defence against fungal and Gram-negative bacterial infection | 1 |
| 2 | The wall-less bacterium <i>Spiroplasma poulsonii</i> builds a polymeric cytoskeleton composed of interacting MreB isoforms | 1 |
| 1 | Extensive duplication and convergent evolution of an antimicrobial polypeptide gene | 3 |