Bruno C Lemaître

List of Publications by Citations

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	The dorsoventral regulatory gene cassette spätzle/Toll/cactus controls the potent antifungal response in Drosophila adults. *Cell*, **1996**, 86, 973-83	56.2	2896
181	The host defense of Drosophila melanogaster. *Annual Review of Immunology*, **2007**, 25, 697-743	34.7	2232
180	Comparative genomics of the eukaryotes. *Science*, **2000**, 287, 2204-15	33.3	1364
179	Drosophila host defense: differential induction of antimicrobial peptide genes after infection by various classes of microorganisms. *Proceedings of the National Academy of Sciences of the United States of America*, **1997**, 94, 14614-9	11.5	770
178	The Toll and Imd pathways are the major regulators of the immune response in Drosophila. *EMBO Journal*, **2002**, 21, 2568-79	13	592
177	Drosophila intestinal response to bacterial infection: activation of host defense and stem cell proliferation. *Cell Host and Microbe*, **2009**, 5, 200-11	23.4	580
176	Genome-wide analysis of the Drosophila immune response by using oligonucleotide microarrays. *Proceedings of the National Academy of Sciences of the United States of America*, **2001**, 98, 12590-5	11.5	579
175	Invasive and indigenous microbiota impact intestinal stem cell activity through multiple pathways in Drosophila. *Genes and Development*, **2009**, 23, 2333-44	12.6	499
174	A recessive mutation, immune deficiency (imd), defines two distinct control pathways in the Drosophila host defense. *Proceedings of the National Academy of Sciences of the United States of America*, **1995**, 92, 9465-9	11.5	463
173	Tissue-specific inducible expression of antimicrobial peptide genes in Drosophila surface epithelia. *Immunity*, **2000**, 13, 737-48	32.3	434
172	The Drosophila immune system detects bacteria through specific peptidoglycan recognition. *Nature Immunology*, **2003**, 4, 478-84	19.1	430
171	Toll-like receptors--taking an evolutionary approach. *Nature Reviews Genetics*, **2008**, 9, 165-78	30.1	380
170	The Drosophila amidase PGRP-LB modulates the immune response to bacterial infection. *Immunity*, **2006**, 24, 463-73	32.3	343
169	The Drosophila caspase Dredd is required to resist gram-negative bacterial infection. *EMBO Reports* , **2000**, 1, 353-8	6.5	322
168	Gut-associated microbes of Drosophila melanogaster. *Gut Microbes*, **2012**, 3, 307-21	8.8	313
167	Morphological and molecular characterization of adult midgut compartmentalization in Drosophila. *Cell Reports*, **2013**, 3, 1725-38	10.6	308
166	Drosophila host defense after oral infection by an entomopathogenic Pseudomonas species. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 11414-9	11.5	307

165	Gut homeostasis in a microbial world: insights from Drosophila melanogaster. *Nature Reviews Microbiology*, **2013**, 11, 615-26	22.2	303
164	How Drosophila combats microbial infection: a model to study innate immunity and host-pathogen interactions. *Current Opinion in Microbiology*, **2002**, 5, 102-10	7.9	282
163	A drosomycin-GFP reporter transgene reveals a local immune response in Drosophila that is not dependent on the Toll pathway. *EMBO Journal*, **1998**, 17, 1217-27	13	279
162	The phytopathogenic bacteria Erwinia carotovora infects Drosophila and activates an immune response. *Proceedings of the National Academy of Sciences of the United States of America*, **2000**, 97, 3376-3381	11.5	270
161	The digestive tract of Drosophila melanogaster. *Annual Review of Genetics*, **2013**, 47, 377-404	14.5	267
160	An immune-responsive Serpin regulates the melanization cascade in Drosophila. *Developmental Cell* , **2002**, 3, 581-92	10.2	266
159	Drosophila EGFR pathway coordinates stem cell proliferation and gut remodeling following infection. *BMC Biology*, **2010**, 8, 152	7.3	247
158	Microbiota-induced changes in drosophila melanogaster host gene expression and gut morphology. *MBio*, **2014**, 5, e01117-14	7.8	243
157	Mutations in the Drosophila dTAK1 gene reveal a conserved function for MAPKKKs in the control of rel/NF-kappaB-dependent innate immune responses. *Genes and Development*, **2001**, 15, 1900-12	12.6	237
156	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. *Journal of Biological Chemistry*, **2000**, 275, 32721-7	5.4	220
155	Bacterial strategies to overcome insect defences. *Nature Reviews Microbiology*, **2008**, 6, 302-13	22.2	218
154	A Spätzle-processing enzyme required for toll signaling activation in Drosophila innate immunity. *Developmental Cell*, **2006**, 10, 45-55	10.2	207
153	Complete genome sequence of the entomopathogenic and metabolically versatile soil bacterium Pseudomonas entomophila. *Nature Biotechnology*, **2006**, 24, 673-9	44.5	205
152	Genetic evidence for a protective role of the peritrophic matrix against intestinal bacterial infection in Drosophila melanogaster. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 15966-71	11.5	195
151	Prevalence of local immune response against oral infection in a Drosophila/Pseudomonas infection model. *PLoS Pathogens*, **2006**, 2, e56	7.6	189
150	Negative regulation by amidase PGRPs shapes the Drosophila antibacterial response and protects the fly from innocuous infection. *Immunity*, **2011**, 35, 770-9	32.3	186
149	Prophenoloxidase activation is required for survival to microbial infections in Drosophila. *PLoS Pathogens*, **2014**, 10, e1004067	7.6	184
148	Functional analysis and regulation of nuclear import of dorsal during the immune response in Drosophila.. *EMBO Journal*, **1995**, 14, 536-545	13	179

147	PIMS modulates immune tolerance by negatively regulating Drosophila innate immune signaling. *Cell Host and Microbe*, **2008**, 4, 147-58	23.4	174
146	Inhibitor of apoptosis 2 and TAK1-binding protein are components of the Drosophila Imd pathway. *EMBO Journal*, **2005**, 24, 3423-34	13	169
145	Anatomy and Physiology of the Digestive Tract of. *Genetics*, **2018**, 210, 357-396	4	164
144	A mosaic analysis in Drosophila fat body cells of the control of antimicrobial peptide genes by the Rel proteins Dorsal and DIF. *EMBO Journal*, **1999**, 18, 3380-91	13	159
143	Drosophila immunity: a large-scale in vivo RNAi screen identifies five serine proteases required for Toll activation. *Current Biology*, **2006**, 16, 808-13	6.3	158
142	The road to Toll. *Nature Reviews Immunology*, **2004**, 4, 521-7	36.5	158
141	Inducible expression of double-stranded RNA reveals a role for dFADD in the regulation of the antibacterial response in Drosophila adults. *Current Biology*, **2002**, 12, 996-1000	6.3	157
140	Constitutive expression of a single antimicrobial peptide can restore wild-type resistance to infection in immunodeficient Drosophila mutants. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 2152-7	11.5	154
139	Antimicrobial peptide defense in Drosophila. *BioEssays*, **1997**, 19, 1019-26	4.1	151
138	Two proteases defining a melanization cascade in the immune system of Drosophila. *Journal of Biological Chemistry*, **2006**, 281, 28097-104	5.4	144
137	Genes that fight infection: what the Drosophila genome says about animal immunity. *Trends in Genetics*, **2000**, 16, 442-9	8.5	132
136	Drosophila immunity: two paths to NF-kappaB. *Trends in Immunology*, **2001**, 22, 260-4	14.4	132
135	A single modular serine protease integrates signals from pattern-recognition receptors upstream of the Drosophila Toll pathway. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 12442-7	11.5	129
134	Infection-induced host translational blockage inhibits immune responses and epithelial renewal in the Drosophila gut. *Cell Host and Microbe*, **2012**, 12, 60-70	23.4	128
133	In vivo RNA interference analysis reveals an unexpected role for GNBP1 in the defense against Gram-positive bacterial infection in Drosophila adults. *Journal of Biological Chemistry*, **2004**, 279, 12848-53	5.4	121
132	Peptidoglycan molecular requirements allowing detection by the Drosophila immune deficiency pathway. *Journal of Immunology*, **2004**, 173, 7339-48	5.3	120
131	Proteolytic cascade for the activation of the insect toll pathway induced by the fungal cell wall component. *Journal of Biological Chemistry*, **2009**, 284, 19474-81	5.4	111
130	The Drosophila inhibitor of apoptosis protein DIAP2 functions in innate immunity and is essential to resist gram-negative bacterial infection. *Molecular and Cellular Biology*, **2006**, 26, 7821-31	4.8	109

129	Two distinct pathways can control expression of the gene encoding the Drosophila antimicrobial peptide metchnikowin. *Journal of Molecular Biology*, **1998**, 278, 515-27	6.5	106
128	Autocrine and paracrine unpaired signaling regulate intestinal stem cell maintenance and division. *Journal of Cell Science*, **2012**, 125, 5944-9	5.3	101
127	Tissue- and ligand-specific sensing of gram-negative infection in drosophila by PGRP-LC isoforms and PGRP-LE. *Journal of Immunology*, **2012**, 189, 1886-97	5.3	100
126	A serpin that regulates immune melanization in the respiratory system of Drosophila. *Developmental Cell*, **2008**, 15, 617-26	10.2	97
125	Drosophila innate immunity: regional and functional specialization of prophenoloxidases. *BMC Biology*, **2015**, 13, 81	7.3	93
124	Association of hemolytic activity of Pseudomonas entomophila, a versatile soil bacterium, with cyclic lipopeptide production. *Applied and Environmental Microbiology*, **2010**, 76, 910-21	4.8	93
123	Microbiota-Derived Lactate Activates Production of Reactive Oxygen Species by the Intestinal NADPH Oxidase Nox and Shortens Drosophila Lifespan. *Immunity*, **2018**, 49, 929-942.e5	32.3	92
122	Genetic ablation of Drosophila phagocytes reveals their contribution to both development and resistance to bacterial infection. *Journal of Innate Immunity*, **2009**, 1, 322-34	6.9	91
121	Methods to study Drosophila immunity. *Methods*, **2014**, 68, 116-28	4.6	90
120	Drosophila Serpin-28D regulates hemolymph phenoloxidase activity and adult pigmentation. *Developmental Biology*, **2008**, 323, 189-96	3.1	87
119	A ubiquitin-proteasome pathway represses the Drosophila immune deficiency signaling cascade. *Current Biology*, **2002**, 12, 1728-37	6.3	80
118	In vivo regulation of the IkappaB homologue cactus during the immune response of Drosophila. *Journal of Biological Chemistry*, **1998**, 273, 10463-9	5.4	79
117	Remote Control of Intestinal Stem Cell Activity by Haemocytes in Drosophila. *PLoS Genetics*, **2016**, 12, e1006089	6	78
116	A Drosophila pattern recognition receptor contains a peptidoglycan docking groove and unusual L,D-carboxypeptidase activity. *PLoS Biology*, **2004**, 2, E277	9.7	77
115	Monalysin, a novel β-pore-forming toxin from the Drosophila pathogen Pseudomonas entomophila, contributes to host intestinal damage and lethality. *PLoS Pathogens*, **2011**, 7, e1002259	7.6	75
114	Synergy and remarkable specificity of antimicrobial peptides in vivo using a systematic knockout approach. *ELife*, **2019**, 8,	8.9	74
113	Maternal repression of the P element promoter in the germline of Drosophila melanogaster: a model for the P cytotype. *Genetics*, **1993**, 135, 149-60	4	73
112	Drosophila immunity: analysis of larval hemocytes by P-element-mediated enhancer trap. *Genetics*, **1997**, 147, 623-34	4	73

111	Spiroplasma and host immunity: activation of humoral immune responses increases endosymbiont load and susceptibility to certain Gram-negative bacterial pathogens in Drosophila melanogaster. *Cellular Microbiology*, **2011**, 13, 1385-96	3.9	72
110	Transforming growth factor β/activin signaling functions as a sugar-sensing feedback loop to regulate digestive enzyme expression. *Cell Reports*, **2014**, 9, 336-348	10.6	70
109	A single gene that promotes interaction of a phytopathogenic bacterium with its insect vector, Drosophila melanogaster. *EMBO Reports*, **2003**, 4, 205-9	6.5	70
108	Male-killing toxin in a bacterial symbiont of Drosophila. *Nature*, **2018**, 557, 252-255	50.4	69
107	Vertical transmission of a Drosophila endosymbiont via cooption of the yolk transport and internalization machinery. *MBio*, **2013**, 4,	7.8	69
106	Drosophila immunity: analysis of PGRP-SB1 expression, enzymatic activity and function. *PLoS ONE*, **2011**, 6, e17231	3.7	67
105	The MAPKKK Mekk1 regulates the expression of Turandot stress genes in response to septic injury in Drosophila. *Genes To Cells*, **2006**, 11, 397-407	2.3	67
104	Drosophila: a polyvalent model to decipher host-pathogen interactions. *Trends in Microbiology*, **2004**, 12, 235-42	12.4	65
103	Long-range activation of systemic immunity through peptidoglycan diffusion in Drosophila. *PLoS Pathogens*, **2009**, 5, e1000694	7.6	63
102	Taxonomic characterisation of Pseudomonas strain L48 and formal proposal of Pseudomonas entomophila sp. nov. *Systematic and Applied Microbiology*, **2012**, 35, 145-9	4.2	60
101	The Drosophila MAPK p38c regulates oxidative stress and lipid homeostasis in the intestine. *PLoS Genetics*, **2014**, 10, e1004659	6	56
100	The Role of Lipid Competition for Endosymbiont-Mediated Protection against Parasitoid Wasps in Drosophila. *MBio*, **2016**, 7,	7.8	55
99	P regulatory products repress in vivo the P promoter activity in P-lacZ fusion genes. *Proceedings of the National Academy of Sciences of the United States of America*, **1991**, 88, 4419-23	11.5	55
98	Insect endosymbiont proliferation is limited by lipid availability. *ELife*, **2014**, 3, e02964	8.9	55
97	PGRP-SD, an Extracellular Pattern-Recognition Receptor, Enhances Peptidoglycan-Mediated Activation of the Drosophila Imd Pathway. *Immunity*, **2016**, 45, 1013-1023	32.3	54
96	New insights on Drosophila antimicrobial peptide function in host defense and beyond. *Current Opinion in Immunology*, **2020**, 62, 22-30	7.8	54
95	The Nimrod transmembrane receptor Eater is required for hemocyte attachment to the sessile compartment in Drosophila melanogaster. *Biology Open*, **2015**, 4, 355-63	2.2	53
94	Insect immunity: the diptericin promoter contains multiple functional regulatory sequences homologous to mammalian acute-phase response elements. *Biochemical and Biophysical Research Communications*, **1993**, 197, 508-17	3.4	53

93	The dual oxidase gene BdDuox regulates the intestinal bacterial community homeostasis of Bactrocera dorsalis. *ISME Journal*, **2016**, 10, 1037-50	11.9	50
92	The Toll immune-regulated Drosophila protein Fondue is involved in hemolymph clotting and puparium formation. *Developmental Biology*, **2006**, 295, 156-63	3.1	48
91	Translation inhibition and metabolic stress pathways in the host response to bacterial pathogens. *Nature Reviews Microbiology*, **2013**, 11, 365-9	22.2	47
90	Directed expression of the HIV-1 accessory protein Vpu in Drosophila fat-body cells inhibits Toll-dependent immune responses. *EMBO Reports*, **2003**, 4, 976-81	6.5	47
89	Thioester-containing proteins regulate the Toll pathway and play a role in Drosophila defence against microbial pathogens and parasitoid wasps. *BMC Biology*, **2017**, 15, 79	7.3	46
88	Genome sequence of the Drosophila melanogaster male-killing Spiroplasma strain MSRO endosymbiont. *MBio*, **2015**, 6,	7.8	45
87	Accumulation of differentiating intestinal stem cell progenies drives tumorigenesis. *Nature Communications*, **2015**, 6, 10219	17.4	45
86	A non-redundant role for Drosophila Mkk4 and hemipterous/Mkk7 in TAK1-mediated activation of JNK. *PLoS ONE*, **2009**, 4, e7709	3.7	45
85	More Than Black or White: Melanization and Toll Share Regulatory Serine Proteases in Drosophila. *Cell Reports*, **2019**, 27, 1050-1061.e3	10.6	44
84	Maternal inheritance of P cytotype in Drosophila melanogaster: a "pre-P cytotype" is strictly extra-chromosomally transmitted. *Molecular Genetics and Genomics*, **1993**, 241, 115-23		44
83	Functional analysis of PGRP-LA in Drosophila immunity. *PLoS ONE*, **2013**, 8, e69742	3.7	43
82	Genetic, molecular and physiological basis of variation in Drosophila gut immunocompetence. *Nature Communications*, **2015**, 6, 7829	17.4	42
81	Sensing Gram-negative bacteria: a phylogenetic perspective. *Current Opinion in Immunology*, **2016**, 38, 8-17	7.8	42
80	A secondary metabolite acting as a signalling molecule controls Pseudomonas entomophila virulence. *Cellular Microbiology*, **2010**, 12, 1666-79	3.9	42
79	Structure and metabolism of peptidoglycan and molecular requirements allowing its detection by the Drosophila innate immune system. *Journal of Endotoxin Research*, **2005**, 11, 105-11		41
78	Cell-Specific Imd-NF-B Responses Enable Simultaneous Antibacterial Immunity and Intestinal Epithelial Cell Shedding upon Bacterial Infection. *Immunity*, **2018**, 48, 897-910.e7	32.3	40
77	Drosophila immunity: methods for monitoring the activity of Toll and Imd signaling pathways. *Methods in Molecular Biology*, **2008**, 415, 379-94	1.4	40
76	Chemometric Analysis of Bacterial Peptidoglycan Reveals Atypical Modifications That Empower the Cell Wall against Predatory Enzymes and Fly Innate Immunity. *Journal of the American Chemical Society*, **2016**, 138, 9193-204	16.4	39

75	The regulatory isoform rPGRP-LC induces immune resolution via endosomal degradation of receptors. *Nature Immunology*, **2016**, 17, 1150-8	19.1	38
74	Erwinia carotovora Evf antagonizes the elimination of bacteria in the gut of Drosophila larvae. *Cellular Microbiology*, **2007**, 9, 106-19	3.9	38
73	A genetic framework controlling the differentiation of intestinal stem cells during regeneration in Drosophila. *PLoS Genetics*, **2017**, 13, e1006854	6	36
72	Culture of the Insect Endosymbiont Highlights Bacterial Genes Involved in Host-Symbiont Interaction. *MBio*, **2018**, 9,	7.8	35
71	Immunology. Pathogen surveillance--the flies have it. *Science*, **2002**, 296, 273-5	33.3	35
70	Adult Drosophila Lack Hematopoiesis but Rely on a Blood Cell Reservoir at the Respiratory Epithelia to Relay Infection Signals to Surrounding Tissues. *Developmental Cell*, **2019**, 51, 787-803.e5	10.2	32
69	27 Methods for studying infection and immunity in Drosophila. *Methods in Microbiology*, **2002**, 31, 507-529	2.8	30
68	Evolution of longevity improves immunity in. *Evolution Letters*, **2018**, 2, 567-579	5.3	30
67	The antimicrobial peptide defensin cooperates with tumour necrosis factor to drive tumour cell death in. *ELife*, **2019**, 8,	8.9	29
66	Expression of antimicrobial peptide genes after infection by parasitoid wasps in Drosophila. *Developmental and Comparative Immunology*, **1996**, 20, 175-81	3.2	28
65	Iron sequestration by transferrin 1 mediates nutritional immunity in. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 7317-7325	11.5	27
64	Male-killing symbiont damages host's dosage-compensated sex chromosome to induce embryonic apoptosis. *Nature Communications*, **2016**, 7, 12781	17.4	27
63	Physiological Adaptations to Sugar Intake: New Paradigms from Drosophila melanogaster. *Trends in Endocrinology and Metabolism*, **2017**, 28, 131-142	8.8	26
62	Infection Dynamics and Immune Response in a Newly Described Drosophila-Trypanosomatid Association. *MBio*, **2015**, 6, e01356-15	7.8	25
61	Evf, a virulence factor produced by the Drosophila pathogen Erwinia carotovora, is an S-palmitoylated protein with a new fold that binds to lipid vesicles. *Journal of Biological Chemistry*, **2009**, 284, 3552-62	5.4	25
60	Mercury is a direct and potent γ-secretase inhibitor affecting Notch processing and development in Drosophila. *FASEB Journal*, **2011**, 25, 2287-95	0.9	24
59	Drosophila P element: transposition, regulation and evolution. *Genetica*, **1994**, 93, 61-78	1.5	23
58	Renal Purge of Hemolymphatic Lipids Prevents the Accumulation of ROS-Induced Inflammatory Oxidized Lipids and Protects Drosophila from Tissue Damage. *Immunity*, **2020**, 52, 374-387.e6	32.3	22

57	Gut physiology mediates a trade-off between adaptation to malnutrition and susceptibility to food-borne pathogens. *Ecology Letters*, **2015**, 18, 1078-86	10	21
56	dRYBP contributes to the negative regulation of the Drosophila Imd pathway. *PLoS ONE*, **2013**, 8, e62053	3.7	21
55	Dynamic Evolution of Antimicrobial Peptides Underscores Trade-Offs Between Immunity and Ecological Fitness. *Frontiers in Immunology*, **2019**, 10, 2620	8.4	21
54	Two Nimrod receptors, NimC1 and Eater, synergistically contribute to bacterial phagocytosis in Drosophila´melanogaster. *FEBS Journal*, **2019**, 286, 2670-2691	5.7	17
53	The Black cells phenotype is caused by a point mutation in the Drosophila pro-phenoloxidase 1 gene that triggers melanization and hematopoietic defects. *Developmental and Comparative Immunology*, **2015**, 50, 166-74	3.2	16
52	Common and unique strategies of male killing evolved in two distinct symbionts. *Proceedings of the Royal Society B: Biological Sciences*, **2018**, 285,	4.4	16
51	Sensing microbes by diverse hosts. Workshop on pattern recognition proteins and receptors. *EMBO Reports*, **2003**, 4, 932-6	6.5	16
50	Recognition and response to microbial infection in Drosophila **2009**, 13-33		16
49	Science, narcissism and the quest for visibility. *FEBS Journal*, **2017**, 284, 875-882	5.7	15
48	X-ray and Cryo-electron Microscopy Structures of Monalysin Pore-forming Toxin Reveal Multimerization of the Pro-form. *Journal of Biological Chemistry*, **2015**, 290, 13191-201	5.4	15
47	Comparative RNA-Seq analyses of Drosophila plasmatocytes reveal gene specific signatures in response to clean injury and septic injury. *PLoS ONE*, **2020**, 15, e0235294	3.7	11
46	The Exchangeable Apolipoprotein Nplp2 Sustains Lipid Flow and Heat Acclimation in Drosophila. *Cell Reports*, **2019**, 27, 886-899.e6	10.6	10
45	The adipokine NimrodB5 regulates peripheral hematopoiesis in Drosophila. *FEBS Journal*, **2020**, 287, 3399-3426	5.7	10
44	The gram-negative sensing receptor PGRP-LC contributes to grooming induction in Drosophila. *PLoS ONE*, **2017**, 12, e0185370	3.7	9
43	Functional analysis of RIP toxins from the Drosophila endosymbiont Spiroplasma poulsonii. *BMC Microbiology*, **2019**, 19, 46	4.5	8
42	Cell Division by Longitudinal Scission in the Insect Endosymbiont Spiroplasma poulsonii. *MBio*, **2016**, 7,	7.8	8
41	From Embryo to Adult: Hematopoiesis along the Drosophila Life Cycle. *Developmental Cell*, **2015**, 33, 367-8	10.2	8
40	Blind killing of both male and female Drosophila embryos by a natural variant of the endosymbiotic bacterium Spiroplasma poulsonii. *Cellular Microbiology*, **2020**, 22, e13156	3.9	8

39	Rapid molecular evolution of symbionts of. *Microbial Genomics*, **2021**, 7,	4.4	8
38	Antimicrobial Peptides and Lysozymes Regulate Gut Microbiota Composition and Abundance. *MBio*, **2021**, 12, e0082421	7.8	8
37	Growing Ungrowable Bacteria: Overview and Perspectives on Insect Symbiont Culturability. *Microbiology and Molecular Biology Reviews*, **2020**, 84,	13.2	7
36	The Drosophila Baramicin polypeptide gene protects against fungal infection. *PLoS Pathogens*, **2021**, 17, e1009846	7.6	7
35	Transformation of the Sex-Manipulative Endosymbiont Spiroplasma poulsonii and Persisting Hurdles for Functional Genetic Studies. *Applied and Environmental Microbiology*, **2020**, 86,	4.8	6
34	Determination of the structure of the O-antigen and the lipid A from the entomopathogenic bacterium Pseudomonas entomophila lipopolysaccharide along with its immunological properties. *Carbohydrate Research*, **2015**, 412, 20-7	2.9	5
33	The Drosophila Baramicin polypeptide gene protects against fungal infection		5
32	Connecting the obesity and the narcissism epidemics. *Medical Hypotheses*, **2016**, 95, 10-19	3.8	4
31	Cecropins contribute to Drosophila host defense against a subset of fungal and Gram-negative bacterial infection. *Genetics*, **2021**,	4	4
30	Protection from within. *ELife*, **2017**, 6,	8.9	4
29	The wall-less bacterium builds a polymeric cytoskeleton composed of interacting MreB isoforms. *IScience*, **2021**, 24, 103458	6.1	4
28	Transforming Growth Factor β/Activin signaling in neurons increases susceptibility to starvation. *PLoS ONE*, **2017**, 12, e0187054	3.7	3
27	Morphological and Molecular Characterization of Adult Midgut Compartmentalization in Drosophila. *Cell Reports*, **2013**, 3, 1755	10.6	3
26	Crystallization and preliminary X-ray analysis of monalysin, a novel β-pore-forming toxin from the entomopathogen Pseudomonas entomophila. *Acta Crystallographica Section F: Structural Biology Communications*, **2013**, 69, 930-3		3
25	La drosophile : un modèle pour l'étude de la réponse immunitaire innée. *Medecine/Sciences*, **1999**, 15, 15		3
24	Author response: Synergy and remarkable specificity of antimicrobial peptides in vivo using a systematic knockout approach **2019**,		3
23	Extensive duplication and convergent evolution of an antimicrobial polypeptide gene		3
22	Different flavors of Toll guide olfaction. *Trends in Immunology*, **2015**, 36, 439-41	14.4	2

21	Pseudomonas entomophila: A Versatile Bacterium with Entomopathogenic Properties **2015**, 25-49		2
20	Steroid-dependent switch of OvoL/Shavenbaby controls self-renewal versus differentiation of intestinal stem cells. *EMBO Journal*, **2021**, 40, e104347	13	2
19	The antimicrobial peptide Defensin cooperates with Tumour Necrosis Factor to drive tumour cell death in Drosophila		2
18	Shavenbaby protein isoforms orchestrate the self-renewalversusdifferentiation ofDrosophilaintestinal stem cells		2
17	Dual proteomics of Drosophila melanogaster hemolymph infected with the heritable endosymbiont Spiroplasma poulsonii. *PLoS ONE*, **2021**, 16, e0250524	3.7	2
16	A secreted factor NimrodB4 promotes the elimination of apoptotic corpses by phagocytes in Drosophila. *EMBO Reports*, **2021**, 22, e52262	6.5	2
15	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. *SSRN Electronic Journal*,	1	1
14	Rapid molecular evolution of Spiroplasma symbionts of Drosophila		1
13	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
12	Metabolic adjustment of Drosophila hemocyte number and sessility by an adipokine		1
11	Drosophila antimicrobial peptides and lysozymes regulate gut microbiota composition and abundance		1
10	Cecropins contribute to Drosophila host defence against fungal and Gram-negative bacterial infection		1
9	The wall-less bacterium Spiroplasma poulsonii builds a polymeric cytoskeleton composed of interacting MreB isoforms		1
8	Autophagy as a Gatekeeper of Intestinal Homeostasis. *Developmental Cell*, **2021**, 56, 5-6	10.2	1
7	The iron transporter Transferrin 1 mediates homeostasis of the endosymbiotic relationship between Drosophila melanogaster and Spiroplasma poulsonii. *MicroLife*, **2021**, 2,	5	1
6	Stop press: genes that fight infections: what the drosophila genome says about animal immunity. *Trends in Genetics*, **2000**, 16, 468	8.5	0
5	La montÉe du narcissisme ?. *Commentaire*, **2017**, NumÉro158, 359	0.4	
4	Comparative RNA-Seq analyses of Drosophila plasmatocytes reveal gene specific signatures in response to clean injury and septic injury **2020**, 15, e0235294		

3 Comparative RNA-Seq analyses of Drosophila plasmatocytes reveal gene specific signatures in response to clean injury and septic injury **2020**, 15, e0235294

2 Comparative RNA-Seq analyses of Drosophila plasmatocytes reveal gene specific signatures in response to clean injury and septic injury **2020**, 15, e0235294

1 Comparative RNA-Seq analyses of Drosophila plasmatocytes reveal gene specific signatures in response to clean injury and septic injury **2020**, 15, e0235294