

Philippe Georgel

List of Publications by Year in descending order

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86
papers

9,700
citations

81900

39
h-index

62596

80
g-index

89
all docs

89
docs citations

89
times ranked

11990
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Lps2 as a key transducer of MyD88-independent TIR signalling. <i>Nature</i> , 2003, 424, 743-748.	27.8	1,138
2	Toll-like receptors 9 and 3 as essential components of innate immune defense against mouse cytomegalovirus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 3516-3521.	7.1	837
3	CD36 is a sensor of diacylglycerides. <i>Nature</i> , 2005, 433, 523-527.	27.8	779
4	The Unc93b1 mutation 3d disrupts exogenous antigen presentation and signaling via Toll-like receptors 3, 7 and 9. <i>Nature Immunology</i> , 2006, 7, 156-164.	14.5	714
5	GENETIC ANALYSIS OF HOST RESISTANCE: Toll-Like Receptor Signaling and Immunity at Large. <i>Annual Review of Immunology</i> , 2006, 24, 353-389.	21.8	713
6	CD14 is required for MyD88-independent LPS signaling. <i>Nature Immunology</i> , 2005, 6, 565-570.	14.5	574
7	A recessive mutation, immune deficiency (imd), defines two distinct control pathways in the <i>Drosophila</i> host defense.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 9465-9469.	7.1	558
8	<i>Drosophila</i> Immune Deficiency (IMD) Is a Death Domain Protein that Activates Antibacterial Defense and Can Promote Apoptosis. <i>Developmental Cell</i> , 2001, 1, 503-514.	7.0	391
9	Hypersusceptibility to Vesicular Stomatitis Virus Infection in Dicer1-Deficient Mice Is Due to Impaired miR24 and miR93 Expression. <i>Immunity</i> , 2007, 27, 123-134.	14.3	336
10	Functional analysis and regulation of nuclear import of dorsal during the immune response in <i>Drosophila</i> .. <i>EMBO Journal</i> , 1995, 14, 536-545.	7.8	222
11	A Toll-Like Receptor 2-Responsive Lipid Effector Pathway Protects Mammals against Skin Infections with Gram-Positive Bacteria. <i>Infection and Immunity</i> , 2005, 73, 4512-4521.	2.2	205
12	Protein kinase D at the Golgi controls NLRP3 inflammasome activation. <i>Journal of Experimental Medicine</i> , 2017, 214, 2671-2693.	8.5	197
13	The non-conventional MHC class I MR1 molecule controls infection by <i>Klebsiella pneumoniae</i> in mice. <i>Molecular Immunology</i> , 2011, 48, 769-775.	2.2	193
14	Slc15a4, AP-3, and Hermansky-Pudlak syndrome proteins are required for Toll-like receptor signaling in plasmacytoid dendritic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 19973-19978.	7.1	183
15	Vesicular stomatitis virus glycoprotein G activates a specific antiviral Toll-like receptor 4-dependent pathway. <i>Virology</i> , 2007, 362, 304-313.	2.4	168
16	TLR2 Expression Is Regulated by MicroRNA miR-19 in Rheumatoid Fibroblast-like Synoviocytes. <i>Journal of Immunology</i> , 2012, 188, 454-461.	0.8	158
17	R-form LPS, the master key to the activation of TLR4/MD-2-positive cells. <i>European Journal of Immunology</i> , 2006, 36, 701-711.	2.9	149
18	The <i>Drosophila</i> Immune Defense against Gram-Negative Infection Requires the Death Protein dFADD. <i>Immunity</i> , 2002, 17, 575-581.	14.3	134

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19	Differentiation of follicular helper T cells by salivary gland epithelial cells in primary Sjögren's syndrome. <i>Journal of Autoimmunity</i> , 2014, 51, 57-66.	6.5	123
20	Details of Toll-like receptor:adapter interaction revealed by germ-line mutagenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 10961-10966.	7.1	122
21	MiR-20a regulates ASK1 expression and TLR4-dependent cytokine release in rheumatoid fibroblast-like synoviocytes. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 1071-1079.	0.9	110
22	Iron Toxicity in the Retina Requires Alu RNA and the NLRP3 Inflammasome. <i>Cell Reports</i> , 2015, 11, 1686-1693.	6.4	78
23	Back to the future: bacteriophages as promising therapeutic tools. <i>Hla</i> , 2016, 87, 133-140.	0.6	75
24	Drosophila Immunity: A Comparative Analysis of the Rel Proteins Dorsal and Dif in the Induction of the Genes Encoding Diptericin and Cecropin. <i>Nucleic Acids Research</i> , 1996, 24, 1238-1245.	14.5	69
25	Delivery of miR-146a to Ly6C ^{high} Monocytes Inhibits Pathogenic Bone Erosion in Inflammatory Arthritis. <i>Theranostics</i> , 2018, 8, 5972-5985.	10.0	64
26	Virus-host interactions in hepatitis C virus infection: implications for molecular pathogenesis and antiviral strategies. <i>Trends in Molecular Medicine</i> , 2010, 16, 277-286.	6.7	62
27	DAMP-Induced Allograft and Tumor Rejection: The Circle Is Closing. <i>American Journal of Transplantation</i> , 2016, 16, 3322-3337.	4.7	61
28	Insect Immunity: The Diptericin Promoter Contains Multiple Functional Regulatory Sequences Homologous to Mammalian Acute-Phase Response Elements. <i>Biochemical and Biophysical Research Communications</i> , 1993, 197, 508-517.	2.1	58
29	TLR Signaling Pathways: Opportunities for Activation and Blockade in Pursuit of Therapy. <i>Current Pharmaceutical Design</i> , 2006, 12, 4123-4134.	1.9	56
30	MiR-30a-3p Negatively Regulates BAFF Synthesis in Systemic Sclerosis and Rheumatoid Arthritis Fibroblasts. <i>PLoS ONE</i> , 2014, 9, e111266.	2.5	52
31	Analysis of the MCMV resistome by ENU mutagenesis. <i>Mammalian Genome</i> , 2006, 17, 398-406.	2.2	51
32	Genetic dissection of innate immunity to infection: the mouse cytomegalovirus model. <i>Current Opinion in Immunology</i> , 2005, 17, 36-43.	5.5	49
33	ENU Mutagenesis in Mice. , 2008, 415, 1-16.		49
34	Drosophilaimmunity. A sequence homologous to mammalian interferon consensus response element enhances the activity of the diptericin promoter. <i>Nucleic Acids Research</i> , 1995, 23, 1140-1145.	14.5	48
35	Cell-Associated Double-Stranded RNA Enhances Antitumor Activity through the Production of Type I IFN. <i>Journal of Immunology</i> , 2006, 177, 6122-6128.	0.8	46
36	TLR4/CD14-mediated PI3K activation is an essential component of interferon-dependent VSV resistance in macrophages. <i>Molecular Immunology</i> , 2008, 45, 2790-2796.	2.2	46

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37	ENU-induced phenovariance in mice: inferences from 587 mutations. BMC Research Notes, 2012, 5, 577.	1.4	46
38	The miR-17-92 Cluster: A Key Player in the Control of Inflammation during Rheumatoid Arthritis. Frontiers in Immunology, 2013, 4, 70.	4.8	45
39	The Heterogeneous Allelic Repertoire of Human Toll-Like Receptor (TLR) Genes. PLoS ONE, 2009, 4, e7803.	2.5	43
40	MicroRNA-146a governs fibroblast activation and joint pathology in arthritis. Journal of Autoimmunity, 2017, 82, 74-84.	6.5	43
41	Sgs-3 chromatin structure and trans-activators: developmental and ecdysone induction of a glue enhancer-binding factor, GEBF-I, in Drosophila larvae.. Molecular and Cellular Biology, 1991, 11, 523-532.	2.3	38
42	Genetic Analysis of Innate Immunity: Identification and Function of the TIR Adapter Proteins. , 2005, 560, 29-39.		34
43	Expansion and Function of CD8+ T Cells Expressing Ly49 Inhibitory Receptors Specific for MHC Class I Molecules. Journal of Immunology, 2004, 173, 3773-3782.	0.8	33
44	Genetic Analysis of Innate Immunity. Advances in Immunology, 2006, 91, 175-226.	2.2	31
45	Circulating Human Eosinophils Share a Similar Transcriptional Profile in Asthma and Other Hypereosinophilic Disorders. PLoS ONE, 2015, 10, e0141740.	2.5	30
46	Deregulation of Type I IFN-Dependent Genes Correlates with Increased Susceptibility to Cytomegalovirus Acute Infection of Dicer Mutant Mice. PLoS ONE, 2012, 7, e43744.	2.5	29
47	Chronic Dicer1 deficiency promotes atrophic and neovascular outer retinal pathologies in mice. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 2579-2587.	7.1	28
48	A mouse model of MSU-induced acute inflammation <i>in vivo</i> suggests imiquimod-dependent targeting of <i>IL-1β</i> as relevant therapy for gout patients. Theranostics, 2020, 10, 2158-2171.	10.0	28
49	JAK-STAT Targeting Offers Novel Therapeutic Opportunities in Sepsis. Trends in Molecular Medicine, 2020, 26, 987-1002.	6.7	27
50	Genetic analysis of innate immunity: TIR adapter proteins in innate and adaptive immune responses. Microbes and Infection, 2004, 6, 1374-1381.	1.9	26
51	BCR-associated factors driving chronic lymphocytic leukemia cells proliferation <i>ex vivo</i> . Scientific Reports, 2019, 9, 701.	3.3	26
52	Therapeutic Modulation of Plasmacytoid Dendritic Cells in Experimental Arthritis. Arthritis and Rheumatology, 2017, 69, 2124-2135.	5.6	23
53	An unusually high substitution rate in transplant-associated BK polyomavirus <i>in vivo</i> is further concentrated in HLA-C-bound viral peptides. PLoS Pathogens, 2018, 14, e1007368.	4.7	22
54	Dorsal-B, a splice variant of the Drosophila factor Dorsal, is a novel Rel/NF- κ B transcriptional activator. Gene, 1999, 228, 233-242.	2.2	20

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55	Homozygosity for the V377I mutation in mevalonate kinase causes distinct clinical phenotypes in two sibs with hyperimmunoglobulinaemia D and periodic fever syndrome (HIDS). <i>RMD Open</i> , 2016, 2, e000196.	3.8	20
56	Multi-OMICS analyses unveil <i>STAT1</i> as a potential modifier gene in mevalonate kinase deficiency. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, 1675-1687.	0.9	19
57	Lps2 and Signal Transduction in Sepsis: At the Intersection of Host Responses to Bacteria and Viruses. <i>Scandinavian Journal of Infectious Diseases</i> , 2003, 35, 563-567.	1.5	18
58	Reduced <i>DICER1</i> Expression Bestows Rheumatoid Arthritis Synoviocytes Proinflammatory Properties and Resistance to Apoptotic Stimuli. <i>Arthritis and Rheumatology</i> , 2016, 68, 1839-1848.	5.6	18
59	GEBF-I Activates the <i>Drosophila</i> Sgs3 Gene Enhancer by Altering a Positioned Nucleosomal Core Particle. <i>Journal of Molecular Biology</i> , 1993, 234, 319-330.	4.2	17
60	A novel homeobox <i>nkch4</i> gene from the <i>Drosophila</i> 93E region. <i>Gene</i> , 1993, 127, 165-171.	2.2	14
61	Genetic analysis of innate resistance to mouse cytomegalovirus (MCMV). <i>Briefings in Functional Genomics & Proteomics</i> , 2005, 4, 203-213.	3.8	14
62	<i>DICER1</i> : A Key Player in Rheumatoid Arthritis, at the Crossroads of Cellular Stress, Innate Immunity, and Chronic Inflammation in Aging. <i>Frontiers in Immunology</i> , 2018, 9, 1647.	4.8	14
63	High diversity of MIC genes in non-human primates. <i>Immunogenetics</i> , 2014, 66, 581-587.	2.4	13
64	Anti-inflammatory effect of active nanofibrous polymeric membrane bearing nanocontainers of atorvastatin complexes. <i>Nanomedicine</i> , 2017, 12, 2651-2674.	3.3	12
65	Therapeutic Perspectives for Interferons and Plasmacytoid Dendritic Cells in Rheumatoid Arthritis. <i>Trends in Molecular Medicine</i> , 2018, 24, 338-347.	6.7	12
66	<i>CCR6</i> controls autoimmune but not innate immunity-driven experimental arthritis. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 5278-5285.	3.6	10
67	A Translational Investigation of IFN- γ and <i>STAT1</i> Signaling in Endothelial Cells during Septic Shock Provides Therapeutic Perspectives. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 65, 167-175.	2.9	9
68	Where Epigenetics Meets Food Intake: Their Interaction in the Development/Severity of Gout and Therapeutic Perspectives. <i>Frontiers in Immunology</i> , 2021, 12, 752359.	4.8	9
69	Polymorphisms in <i>EGFR</i> and <i>IL28B</i> are associated with spontaneous clearance in an HCV-infected Iranian population. <i>Genes and Immunity</i> , 2015, 16, 514-518.	4.1	8
70	Temporomandibular joint damage in K/BxN arthritic mice. <i>International Journal of Oral Science</i> , 2020, 12, 5.	8.6	8
71	<i>Aryl hydrocarbon receptor</i> (<i>Ahr</i>)-dependent <i>Il22</i> expression by type 3 innate lymphoid cells control of acute joint inflammation. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 4721-4731.	3.6	7
72	Crosstalk between Interleukin-1 β and Type I Interferons Signaling in Autoinflammatory Diseases. <i>Cells</i> , 2021, 10, 1134.	4.1	7

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73	Use of <i>In vivo</i> Imaging to Monitor the Progression of Experimental Mouse Cytomegalovirus Infection in Neonates. <i>Journal of Visualized Experiments</i> , 2013, , e50409.	0.3	5
74	Contrasting role of <i>NLRP12</i> in autoinflammation: evidence from a case report and mouse models. <i>RMD Open</i> , 2021, 7, e001824.	3.8	5
75	Innate immune receptors in solid organ transplantation. <i>Human Immunology</i> , 2016, 77, 1071-1075.	2.4	4
76	Increased Viral Dissemination in the Brain and Lethality in MCMV-Infected, Dicer-Deficient Neonates. <i>Viruses</i> , 2015, 7, 2308-2320.	3.3	3
77	Dermatomyositis flare on imiquimod therapy highlights a crucial role of aberrant TLR7 signalling. <i>RMD Open</i> , 2016, 2, e000294.	3.8	3
78	GEBF-I in <i>Drosophila</i> species and hybrids: The co-evolution of an enhancer and its cognate factor. <i>Molecular Genetics and Genomics</i> , 1992, 235, 104-112.	2.4	2
79	Identification of Mouse Cytomegalovirus Resistance Loci by ENU Mutagenesis. <i>Viruses</i> , 2009, 1, 460-483.	3.3	2
80	Zinc-Alpha-2-Glycoprotein in Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2018, 24, e10-e10.	1.9	1
81	Pacific island nations face an urgent need for actions and future research on COVID-19. <i>The Lancet Regional Health - Western Pacific</i> , 2022, 18, 100326.	2.9	1
82	G2.5 Characterization of transactivating factors involved in the bacteria-induced expression of the dipterin gene in <i>Drosophila</i> . <i>Developmental and Comparative Immunology</i> , 1994, 18, S123.	2.3	0
83	A1.71â€¦Reduced dicer expression correlates with rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, A31.1-A31.	0.9	0
84	FRI0024â€¦MICRORNA-146A controls local bone destruction by regulating fibroblast induced osteoclastogenesis in inflammatory arthritis. , 2017, , .		0
85	A miR-20a/MAPK1 connection widens therapeutic perspectives in breast cancer. <i>Non-coding RNA Investigation</i> , 0, 2, 55-55.	0.6	0
86	NKG2D ligands in inflammatory joint diseases: analysis in human samples and mouse models. <i>Clinical and Experimental Rheumatology</i> , 2021, 39, 982-987.	0.8	0