

Franck J Barrat

List of Publications by Year in descending order

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48
papers

14,766
citations

87723

38
h-index

214527

47
g-index

50
all docs

50
docs citations

50
times ranked

19667
citing authors

#	ARTICLE	IF	CITATIONS
1	Toll-like receptor 4-dependent contribution of the immune system to anticancer chemotherapy and radiotherapy. <i>Nature Medicine</i> , 2007, 13, 1050-1059.	15.2	2,657
2	Netting Neutrophils Are Major Inducers of Type I IFN Production in Pediatric Systemic Lupus Erythematosus. <i>Science Translational Medicine</i> , 2011, 3, 73ra20.	5.8	1,085
3	In Vitro Generation of Interleukin 10-producing Regulatory CD4+ T Cells Is Induced by Immunosuppressive Drugs and Inhibited by T Helper Type 1 (Th1) and Th2-inducing Cytokines. <i>Journal of Experimental Medicine</i> , 2002, 195, 603-616.	4.2	1,069
4	1 α ,25-Dihydroxyvitamin D3 Has a Direct Effect on Naive CD4+ T Cells to Enhance the Development of Th2 Cells. <i>Journal of Immunology</i> , 2001, 167, 4974-4980.	0.4	1,006
5	Nucleic acids of mammalian origin can act as endogenous ligands for Toll-like receptors and may promote systemic lupus erythematosus. <i>Journal of Experimental Medicine</i> , 2005, 202, 1131-1139.	4.2	806
6	Therapeutic targeting of innate immunity with Toll-like receptor agonists and antagonists. <i>Nature Medicine</i> , 2007, 13, 552-559.	15.2	778
7	Self-RNA-antimicrobial peptide complexes activate human dendritic cells through TLR7 and TLR8. <i>Journal of Experimental Medicine</i> , 2009, 206, 1983-1994.	4.2	613
8	IL-10-Secreting Regulatory T Cells Do Not Express Foxp3 but Have Comparable Regulatory Function to Naturally Occurring CD4+CD25+ Regulatory T Cells. <i>Journal of Immunology</i> , 2004, 172, 5986-5993.	0.4	583
9	Reversing the defective induction of IL-10-secreting regulatory T cells in glucocorticoid-resistant asthma patients. <i>Journal of Clinical Investigation</i> , 2005, 116, 146-155.	3.9	511
10	Griscelli disease maps to chromosome 15q21 and is associated with mutations in the Myosin-Va gene. <i>Nature Genetics</i> , 1997, 16, 289-292.	9.4	419
11	Strategies for use of IL-10 or its antagonists in human disease. <i>Immunological Reviews</i> , 2008, 223, 114-131.	2.8	383
12	Selective predisposition to bacterial infections in IRAK-4-deficient children: IRAK-4-dependent TLRs are otherwise redundant in protective immunity. <i>Journal of Experimental Medicine</i> , 2007, 204, 2407-2422.	4.2	374
13	Crosstalk between neutrophils, B-1a cells and plasmacytoid dendritic cells initiates autoimmune diabetes. <i>Nature Medicine</i> , 2013, 19, 65-73.	15.2	370
14	Divergent TLR7 and TLR9 signaling and type I interferon production distinguish pathogenic and nonpathogenic AIDS virus infections. <i>Nature Medicine</i> , 2008, 14, 1077-1087.	15.2	339
15	Properties regulating the nature of the plasmacytoid dendritic cell response to Toll-like receptor 9 activation. <i>Journal of Experimental Medicine</i> , 2006, 203, 1999-2008.	4.2	327
16	TLR recognition of self nucleic acids hampers glucocorticoid activity in lupus. <i>Nature</i> , 2010, 465, 937-941.	18.7	320
17	Interferon target-gene expression and epigenomic signatures in health and disease. <i>Nature Immunology</i> , 2019, 20, 1574-1583.	7.0	316
18	Treatment of lupus-prone mice with a dual inhibitor of TLR7 and TLR9 leads to reduction of autoantibody production and amelioration of disease symptoms. <i>European Journal of Immunology</i> , 2007, 37, 3582-3586.	1.6	250

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19	Human TLR-7-, -8-, and -9-Mediated Induction of IFN- $\hat{\alpha}$ / $\hat{\beta}$ and - $\hat{\gamma}$ Is IRAK-4 Dependent and Redundant for Protective Immunity to Viruses. <i>Immunity</i> , 2005, 23, 465-478.	6.6	245
20	Aberrant in Vivo T Helper Type 2 Cell Response and Impaired Eosinophil Recruitment in Cc Chemokine Receptor 8 Knockout Mice. <i>Journal of Experimental Medicine</i> , 2001, 193, 573-584.	4.2	222
21	PI3K is critical for the nuclear translocation of IRF-7 and type I IFN production by human plasmacytoid predendritic cells in response to TLR activation. <i>Journal of Experimental Medicine</i> , 2008, 205, 315-322.	4.2	215
22	Plasmacytoid dendritic cells promote systemic sclerosis with a key role for TLR8. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	187
23	Autoimmune skin inflammation is dependent on plasmacytoid dendritic cell activation by nucleic acids via TLR7 and TLR9. <i>Journal of Experimental Medicine</i> , 2010, 207, 2931-2942.	4.2	175
24	Development of TLR inhibitors for the treatment of autoimmune diseases. <i>Immunological Reviews</i> , 2008, 223, 271-283.	2.8	169
25	RNA recognition by human TLR8 can lead to autoimmune inflammation. <i>Journal of Experimental Medicine</i> , 2013, 210, 2903-2919.	4.2	167
26	Importance of Nucleic Acid Recognition in Inflammation and Autoimmunity. <i>Annual Review of Medicine</i> , 2016, 67, 323-336.	5.0	135
27	IL-10 regulates plasmacytoid dendritic cell response to CpG-containing immunostimulatory sequences. <i>Blood</i> , 2003, 102, 4487-4492.	0.6	129
28	A Critical Role for Interleukin 18 in Primary and Memory Effector Responses to <i>Listeria monocytogenes</i> That Extends Beyond Its Effects on Interferon $\hat{\beta}$ Production. <i>Journal of Experimental Medicine</i> , 2001, 194, 343-354.	4.2	123
29	Plasmacytoid dendritic cells: one-trick ponies or workhorses of the immune system?. <i>Nature Reviews Immunology</i> , 2011, 11, 558-565.	10.6	109
30	Inhibitors of TLR-9 Act on Multiple Cell Subsets in Mouse and Man In Vitro and Prevent Death In Vivo from Systemic Inflammation. <i>Journal of Immunology</i> , 2005, 174, 5193-5200.	0.4	108
31	Ro60-Associated Single-Stranded RNA Links Inflammation with Fetal Cardiac Fibrosis via Ligation of TLRs: A Novel Pathway to Autoimmune-Associated Heart Block. <i>Journal of Immunology</i> , 2010, 184, 2148-2155.	0.4	89
32	Pathogenic anti-DNA antibodies modulate gene expression in mesangial cells: Involvement of HMGB1 in anti-DNA antibody-induced renal injury. <i>Immunology Letters</i> , 2008, 121, 61-73.	1.1	72
33	A Novel Role of Endothelin-1 in Linking Toll-like Receptor 7-mediated Inflammation to Fibrosis in Congenital Heart Block. <i>Journal of Biological Chemistry</i> , 2011, 286, 30444-30454.	1.6	55
34	Brief treatment with a highly selective immunoproteasome inhibitor promotes long-term cardiac allograft acceptance in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E8425-E8432.	3.3	54
35	Blocking TLR7- and TLR9-mediated IFN- $\hat{\alpha}$ Production by Plasmacytoid Dendritic Cells Does Not Diminish Immune Activation in Early SIV Infection. <i>PLoS Pathogens</i> , 2013, 9, e1003530.	2.1	53
36	A pathogenic role of plasmacytoid dendritic cells in autoimmunity and chronic viral infection. <i>Journal of Experimental Medicine</i> , 2019, 216, 1974-1985.	4.2	53

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37	Cutting Edge: Ectopic Expression of the IL-12 Receptor- β 2 in Developing and Committed Th2 Cells Does Not Affect the Production of IL-4 or Induce the Production of IFN- γ . <i>Journal of Immunology</i> , 2000, 164, 2861-2865.	0.4	45
38	In vitro generation of IL-10-producing regulatory CD4+ T cells is induced by immunosuppressive drugs and inhibited by Th1- and Th2-inducing cytokines. <i>Immunology Letters</i> , 2003, 85, 135-139.	1.1	39
39	Bruton's tyrosine kinase regulates TLR9 but not TLR7 signaling in human plasmacytoid dendritic cells. <i>European Journal of Immunology</i> , 2014, 44, 1130-1136.	1.6	30
40	Tumor-Derived Lysophosphatidic Acid Blunts Protective Type I Interferon Responses in Ovarian Cancer. <i>Cancer Discovery</i> , 2022, 12, 1904-1921.	7.7	25
41	CXCL4 synergizes with TLR8 for TBK1-IRF5 activation, epigenomic remodeling and inflammatory response in human monocytes. <i>Nature Communications</i> , 2022, 13, .	5.8	15
42	TLR8: No gain, no pain. <i>Journal of Experimental Medicine</i> , 2018, 215, 2964-2966.	4.2	10
43	Role of type I interferons and innate immunity in systemic sclerosis: unbalanced activities on distinct cell types?. <i>Current Opinion in Rheumatology</i> , 2019, 31, 569-575.	2.0	10
44	Structure-Activity Relationships of Noncovalent Immunoproteasome β 5i-Selective Dipeptides. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 13103-13123.	2.9	10
45	Noncytotoxic Inhibition of the Immunoproteasome Regulates Human Immune Cells In Vitro and Suppresses Cutaneous Inflammation in the Mouse. <i>Journal of Immunology</i> , 2021, 206, 1631-1641.	0.4	9
46	Localization of the Rab Escort Protein-2 (REP2) and Inositol 1,4,5-Trisphosphate 3-Kinase (ITPKB) Genes to Mouse Chromosome 1 by in Situ Hybridization and Precision of the Syntenic Regions between Mouse and Human 1q42-q44. <i>Genomics</i> , 1997, 43, 111-113.	1.3	4
47	Musculoskeletal Involvement in SSc Is Associated with Worse Scores on Short Form-36 and Scleroderma Health Assessment Questionnaire and Lower Tumor Necrosis Factor- α Gene Expression in Peripheral Blood Mononuclear Cells. <i>HSS Journal</i> , 2016, 12, 255-260.	0.7	3
48	SAT0284...CD123+ PLASMACYTOID DENDRITIC CELLS (PDCS) FROM SYSTEMIC SCLEROSIS PATIENTS ARE SUSCEPTIBLE TO THE CYTOTOXIC ACTIVITY OF TAGRAXOFUSP, A CD123-TARGETED THERAPY. , 2019, , .		0