

Alfons Billiau

List of Publications by Year in descending order

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44
papers

3,193
citations

159585

30
h-index

254184

43
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44
all docs

44
docs citations

44
times ranked

3195
citing authors

#	ARTICLE	IF	CITATIONS
1	Interferon- $\hat{1}3$: Biology and Role in Pathogenesis. <i>Advances in Immunology</i> , 1996, 62, 61-130.	2.2	376
2	Interferon- $\hat{1}3$: A historical perspective. <i>Cytokine and Growth Factor Reviews</i> , 2009, 20, 97-113.	7.2	356
3	How interferon- $\hat{1}3$ keeps autoimmune diseases in check. <i>Trends in Immunology</i> , 2008, 29, 479-486.	6.8	159
4	Defective CD4+CD25+ regulatory T cell functioning in collagen-induced arthritis: an important factor in pathogenesis, counter-regulated by endogenous IFN-gamma. <i>Arthritis Research</i> , 2005, 7, R402.	2.0	143
5	Interferon induced in human leukocytes by mitogens: production, partial purification and characterization. <i>European Journal of Immunology</i> , 1980, 10, 877-883.	2.9	136
6	The chemotactic activity for granulocytes produced by virally infected fibroblasts is identical to monocyte-derived interleukin 8. <i>European Journal of Immunology</i> , 1989, 19, 1189-1194.	2.9	136
7	Chronic relapsing experimental autoimmune encephalomyelitis (CREAE) in mice: enhancement by monoclonal antibodies against interferon- $\hat{1}3$. <i>European Journal of Immunology</i> , 1996, 26, 2393-2398.	2.9	126
8	Anti-IL-12 antibody prevents the development and progression of collagen-induced arthritis in IFN- $\hat{1}3$ receptor-deficient mice. <i>European Journal of Immunology</i> , 1998, 28, 2143-2151.	2.9	99
9	Purification of granulocyte chemotactic peptide/interleukin-8 reveals N-terminal sequence heterogeneity similar to that of beta-thromboglobulin. <i>FEBS Journal</i> , 1989, 181, 337-344.	0.2	94
10	Anti-interferon- $\hat{1}3$ antibody protects mice against the generalized Shwartzman reaction. <i>European Journal of Immunology</i> , 1987, 17, 1851-1854.	2.9	93
11	Identification by sequence analysis of chemotactic factors for monocytes produced by normal and transformed cells stimulated with virus, double-stranded RNA or cytokine. <i>European Journal of Immunology</i> , 1989, 19, 2367-2373.	2.9	93
12	Purification and characterization of human fibroblast-derived hybridoma growth factor identical to T-cell-derived B-cell stimulatory factor-2 (interleukin-6). <i>FEBS Journal</i> , 1987, 168, 543-550.	0.2	92
13	Simultaneous production of interleukin 6, interferon- $\hat{1}2$ and colony-stimulating activity by fibroblasts after viral and bacterial infection. <i>European Journal of Immunology</i> , 1989, 19, 163-168.	2.9	91
14	The neutrophil-activating proteins interleukin 8 and $\hat{1}2$ -thromboglobulin: in vitro and in vivo comparison of NH ₂ -terminally processed forms. <i>European Journal of Immunology</i> , 1990, 20, 2113-2118.	2.9	91
15	Collagen-Induced Arthritis as an Animal Model for Rheumatoid Arthritis: Focus on Interferon- $\hat{1}3$. <i>Journal of Interferon and Cytokine Research</i> , 2011, 31, 917-926.	1.2	88
16	Essential role for natural killer cells in the lethal lipopolysaccharide-induced Shwartzman-like reaction in mice. <i>European Journal of Immunology</i> , 1994, 24, 1155-1160.	2.9	87
17	Human Fibroblast Interferon for Clinical Trials: Pharmacokinetics and Tolerability in Experimental Animals and Humans. <i>Antimicrobial Agents and Chemotherapy</i> , 1979, 16, 56-63.	3.2	79
18	Anti-inflammatory properties of Type I interferons. <i>Antiviral Research</i> , 2006, 71, 108-116.	4.1	78

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19	<i>In Vivo</i> Neutrophil Recruitment by Granulocyte Chemotactic Protein-2 Is Assisted by Gelatinase B/MMP-9 in the Mouse. <i>Journal of Interferon and Cytokine Research</i> , 2000, 20, 667-674.	1.2	69
20	Enhanced osteoclast development in collagen-induced arthritis in interferon-gamma receptor knock-out mice as related to increased splenic CD11b+ myelopoiesis. <i>Arthritis Research</i> , 2004, 6, R220.	2.0	59
21	Interferon induced in human leukocytes by concanavalin A: isolation and characterization of $\text{IFN-}\beta$ - and $\text{IFN-}\delta$ -type components. <i>European Journal of Immunology</i> , 1981, 11, 937-942.	2.9	54
22	Human Fibroblast Interferon for Clinical Trials: Production, Partial Purification, and Characterization. <i>Antimicrobial Agents and Chemotherapy</i> , 1979, 16, 49-55.	3.2	51
23	Collagen-induced arthritis and related animal models: How much of their pathogenesis is auto-immune, how much is auto-inflammatory?. <i>Cytokine and Growth Factor Reviews</i> , 2011, 22, 339-344.	7.2	49
24	Mac-1+ myelopoiesis induced by CFA: a clue to the paradoxical effects of $\text{IFN-}\beta$ in autoimmune disease models. <i>Trends in Immunology</i> , 2001, 22, 367-371.	6.8	47
25	Natural human monocyte gelatinase and its inhibitor. <i>FEBS Letters</i> , 1991, 284, 73-78.	2.8	46
26	Interferon: The pathways of discovery. <i>Cytokine and Growth Factor Reviews</i> , 2006, 17, 381-409.	7.2	42
27	Protective role of $\text{IFN-}\beta$ in collagen-induced arthritis conferred by inhibition of mycobacteria-induced granulocyte chemotactic protein-2 production. <i>Journal of Leukocyte Biology</i> , 2007, 81, 1044-1053.	3.3	41
28	Production and Characterization of Recombinant Active Mouse Gelatinase B from Eukaryotic Cells and in vivo Effects after Intravenous Administration. <i>FEBS Journal</i> , 1997, 244, 21-30.	0.2	40
29	Activation of natural cytotoxicity of human peripheral blood mononuclear cells by interferon: a kinetic study and comparison of different interferon types. <i>British Journal of Haematology</i> , 1982, 50, 85-94.	2.5	35
30	Interferons and Inflammation. <i>Journal of Interferon Research</i> , 1987, 7, 559-567.	1.2	35
31	The Potential Role of Interferons and Interferon Antagonists in Inflammatory Disease. <i>Drugs</i> , 1989, 38, 957-972.	10.9	28
32	Cloning, Bacterial Expression and Biological Characterization of Recombinant Human Granulocyte Chemotactic Protein-2 and Differential Expression of Granulocyte Chemotactic Protein-2 and Epithelial Cell-Derived Neutrophil Activating Peptide-78 mRNAs. <i>FEBS Journal</i> , 1997, 243, 762-769.	0.2	28
33	Pulmonary inflammation in mice with collagen-induced arthritis is conditioned by complete Freund's adjuvant and regulated by endogenous $\text{IFN-}\beta$. <i>European Journal of Immunology</i> , 2012, 42, 3223-3234.	2.9	26
34	[13] Large-scale production of human fibroblast interferon. <i>Methods in Enzymology</i> , 1981, 78, 101-119.	1.0	22
35	Dependence on interferon- β for the spontaneous occurrence of arthritis in DBA/1 mice. <i>Arthritis and Rheumatism</i> , 2003, 48, 2983-2988.	6.7	22
36	Transcriptional control of the human MCP-2 gene promoter by $\text{IFN-}\beta$ and $\text{IL-1}\beta$ in connective tissue cells. <i>Journal of Leukocyte Biology</i> , 1999, 66, 502-511.	3.3	15

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37	Protein disulfide isomerase-mediated cell-free assembly of recombinant interleukin-12 p40 homodimers. <i>FEBS Journal</i> , 2000, 267, 6679-6683.	0.2	15
38	At the Centennial of the Bacteriophage: Reviving the Overlooked Contribution of a Forgotten Pioneer, Richard Bruynoghe (1881-1957). <i>Journal of the History of Biology</i> , 2016, 49, 559-580.	0.5	12
39	Influence of Basic Substances on the Induction of the Interferon Mechanism. <i>Annals of the New York Academy of Sciences</i> , 1970, 173, 657-667.	3.8	11
40	GroEL/ES chaperonins protect interferon-gamma against physicochemical stress. Study of tertiary structure formation by alpha-casein quenching and ELISA. <i>FEBS Journal</i> , 1998, 251, 181-188.	0.2	9
41	Potential therapeutic use of antibodies directed towards H ₁ N ₁ A/Brisbane/0599/09. <i>Biotherapy</i> (Dordrecht, Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50	0.7	7
42	Interferons: The pathways of discovery. <i>Journal of Clinical Virology</i> , 2007, 39, 241-265.	3.1	7
43	Heterogeneity of human tissue-type plasminogen activator. <i>FEBS Letters</i> , 1988, 238, 129-134.	2.8	6
44	A Tale of Two Interferon Bioassays: How Frustration with Discrepant Results from Slightly Dissimilar Methods Can Engender Discovery. <i>Methods in Molecular Biology</i> , 2012, 820, 1-6.	0.9	0