

Frédéric Pont

List of Publications by Year in descending order

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59
papers

2,301
citations

186265

28
h-index

233421

45
g-index

64
all docs

64
docs citations

64
times ranked

3233
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-cell RNA sequencing unveils the shared and the distinct cytotoxic hallmarks of human TCRV1 and TCRV2 β T lymphocytes. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11906-11915.	7.1	152
2	Chemical Synthesis and Biological Activity of Bromohydrin Pyrophosphate, a Potent Stimulator of Human β T Cells. Journal of Biological Chemistry, 2001, 276, 18337-18344.	3.4	141
3	Assessment of tumor-infiltrating TCRV1 β lymphocyte abundance by deconvolution of human cancers microarrays. Oncoimmunology, 2017, 6, e1284723.	4.6	134
4	Role of oxidative stress in the dysfunction of the placental endothelial nitric oxide synthase in preeclampsia. Redox Biology, 2021, 40, 101861.	9.0	103
5	Dendrogenin A arises from cholesterol and histamine metabolism and shows cell differentiation and anti-tumour properties. Nature Communications, 2013, 4, 1840.	12.8	101
6	Single-Cell Signature Explorer for comprehensive visualization of single cell signatures across scRNA-seq datasets. Nucleic Acids Research, 2019, 47, e133-e133.	14.5	96
7	First-in-man Phase 1 Clinical Trial of Gene Therapy for Advanced Pancreatic Cancer: Safety, Biodistribution, and Preliminary Clinical Findings. Molecular Therapy, 2015, 23, 779-789.	8.2	93
8	Metabolic abnormalities of apolipoprotein B-containing lipoproteins in non-insulin-dependent diabetes: a stable isotope kinetic study. European Journal of Clinical Investigation, 2000, 30, 685.	3.4	84
9	Structure-Activity Analysis of the Effects of Lysophosphatidic Acid on Platelet Aggregation. Biochemistry, 1999, 38, 8440-8450.	2.5	76
10	High-density lipoprotein apolipoprotein A-I kinetics in obese insulin resistant patients. An in vivo stable isotope study. International Journal of Obesity, 2002, 26, 1151-1158.	3.4	66
11	PD-1 blockade restores helper activity of tumor-infiltrating, exhausted PD-1hiCD39+ CD4 T cells. JCI Insight, 2021, 6, .	5.0	64
12	Mistletoe viscotoxins increase natural killer cell-mediated cytotoxicity. FEBS Journal, 2002, 269, 2591-2600.	0.2	58
13	Specific Requirements for V19V2 T Cell Stimulation by a Natural Adenylated Phosphoantigen. Journal of Immunology, 2009, 183, 3848-3857.	0.8	57
14	Inefficiency of insulin therapy to correct apolipoprotein A-I metabolic abnormalities in non-insulin-dependent diabetes mellitus. Atherosclerosis, 2000, 152, 229-237.	0.8	55
15	Early Kinetic Abnormalities of ApoB-Containing Lipoproteins in Insulin-Resistant Women With Abdominal Obesity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 1726-1732.	2.4	52
16	Escherichia coli Produces Phosphoantigens Activating Human β T Cells. Journal of Biological Chemistry, 2002, 277, 148-154.	3.4	47
17	Evidence of a new dechlorinated ochratoxin A derivative formed in opossum kidney cell cultures after pretreatment by modulators of glutathione pathways: Correlation with DNA-adduct formation. Molecular Nutrition and Food Research, 2006, 50, 530-542.	3.3	47
18	The gene expression profile of phosphoantigen-specific human β T lymphocytes is a blend of T cell and NK cell signatures. European Journal of Immunology, 2012, 42, 228-240.	2.9	45

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19	Large-scale microarray profiling reveals four stages of immune escape in non-Hodgkin lymphomas. <i>Oncology</i> , 2016, 5, e1188246.	4.6	43
20	Early and transient increase of rat hippocampal blood-brain barrier permeability to amino acids during kainic acid-induced seizures. <i>Neuroscience Letters</i> , 1995, 184, 52-54.	2.1	42
21	Microtubule-Driven Stress Granule Dynamics Regulate Inhibitory Immune Checkpoint Expression in T Cells. <i>Cell Reports</i> , 2019, 26, 94-107.e7.	6.4	42
22	Characterization of the Arabinogalactan Protein 31 (AGP31) of <i>Arabidopsis thaliana</i> . <i>Journal of Biological Chemistry</i> , 2012, 287, 9623-9632.	3.4	39
23	Profiling Blood Lymphocyte Interactions with Cancer Cells Uncovers the Innate Reactivity of Human $\gamma\delta$ T Cells to Anaplastic Large Cell Lymphoma. <i>Journal of Immunology</i> , 2005, 174, 1717-1722.	0.8	38
24	Significant improvement of apolipoprotein B-containing lipoprotein metabolism by insulin treatment in patients with non-insulin-dependent diabetes mellitus. <i>Diabetologia</i> , 2000, 43, 27-35.	6.3	37
25	Development of Compartmental Models in Stable-Isotope Experiments. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998, 18, 853-860.	2.4	33
26	Metabolic abnormalities of apolipoprotein B-containing lipoproteins in non-insulin-dependent diabetes: a stable isotope kinetic study. <i>European Journal of Clinical Investigation</i> , 2000, 30, 685-694.	3.4	33
27	Proteomic Analysis Reveals Selective Impediment of Neuronal Remodeling upon Borna Disease Virus Infection. <i>Journal of Virology</i> , 2008, 82, 12265-12279.	3.4	31
28	Isotope Ratio Mass Spectrometry, Compared with Conventional Mass Spectrometry in Kinetic Studies at Low and High Enrichment Levels: Application to Lipoprotein Kinetics. <i>Analytical Biochemistry</i> , 1997, 248, 277-287.	2.4	30
29	Proteomic analysis of anaplastic lymphoma cell lines: Identification of potential tumour markers. <i>Proteomics</i> , 2006, 6, 3210-3222.	2.2	30
30	Oligomycins A and E, major bioactive secondary metabolites produced by <i>Streptomyces</i> sp. strain HG29 isolated from a Saharan soil. <i>Journal De Mycologie Medicale</i> , 2018, 28, 150-160.	1.5	26
31	Biochemical Misdiagnosis of Pheochromocytoma in Patients Treated With Sulfasalazine. <i>JAMA - Journal of the American Medical Association</i> , 2010, 304, 1898.	7.4	25
32	Phosphoantigens Overcome Human TCRV β 9+ γ Cell Immunosuppression by TGF- β 2: Relevance for Cancer Immunotherapy. <i>Journal of Immunology</i> , 2010, 184, 6680-6687.	0.8	25
33	Immunomodulatory Drugs Exert Anti-Leukemia Effects in Acute Myeloid Leukemia by Direct and Immunostimulatory Activities. <i>Frontiers in Immunology</i> , 2018, 9, 977.	4.8	25
34	A compartmental model of magnesium metabolism in healthy men based on two stable isotope tracers. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2003, 285, R656-R663.	1.8	24
35	Mutactimycin PR, a New Anthracycline Antibiotic from <i>Saccharothrix</i> sp. SA 103: II. Physico-chemical Properties and Structure Elucidation. <i>Journal of Antibiotics</i> , 2004, 57, 373-378.	2.0	22
36	Comparison of stable-isotope-tracer methods for the determination of magnesium absorption in humans. <i>American Journal of Clinical Nutrition</i> , 2003, 77, 1206-1212.	4.7	19

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37	Streptomyces sp. AT37 isolated from a Saharan soil produces a furanone derivative active against multidrug-resistant Staphylococcus aureus. <i>World Journal of Microbiology and Biotechnology</i> , 2017, 33, 105.	3.6	19
38	Longitudinal CITE-Seq profiling of chronic lymphocytic leukemia during ibrutinib treatment: evolution of leukemic and immune cells at relapse. <i>Biomarker Research</i> , 2020, 8, 72.	6.8	19
39	Human Monocyte Recognition of Adenosine-Based Cyclic Dinucleotides Unveils the A2a G-protein-Coupled Receptor Tonic Inhibition of Mitochondrially Induced Cell Death. <i>Molecular and Cellular Biology</i> , 2015, 35, 479-495.	2.3	18
40	Dual Relief of T-lymphocyte Proliferation and Effector Function Underlies Response to PD-1 Blockade in Epithelial Malignancies. <i>Cancer Immunology Research</i> , 2020, 8, 869-882.	3.4	16
41	Endogenous Chronic Hyperinsulinemia Does Not Increase the Production Rate of VLDL Apolipoprotein B: Proof from a Kinetic Study in Patients with Insulinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 2163-2170.	3.6	15
42	Pancreatic preneoplastic lesions plasma signatures and biomarkers based on proteome profiling of mouse models. <i>British Journal of Cancer</i> , 2015, 113, 1590-1598.	6.4	15
43	Antimicrobial activities of novel bipyridine compounds produced by a new strain of <i>Saccharothrix</i> isolated from Saharan soil. <i>Saudi Pharmaceutical Journal</i> , 2019, 27, 56-65.	2.7	14
44	PTMselect: optimization of protein modifications discovery by mass spectrometry. <i>Scientific Reports</i> , 2019, 9, 4181.	3.3	14
45	Sorting protein lists with nwCompare: A simple and fast algorithm for pairwise comparison of proteomic data files. <i>Proteomics</i> , 2010, 10, 1091-1094.	2.2	13
46	Modification of endothelial nitric oxide synthase by 4-oxo-2(E)-nonenal(ONE) in preeclamptic placentas. <i>Free Radical Biology and Medicine</i> , 2019, 141, 416-425.	2.9	13
47	Single-Cell Virtual Cytometer allows user-friendly and versatile analysis and visualization of multimodal single cell RNAseq datasets. <i>NAR Genomics and Bioinformatics</i> , 2020, 2, lqaa025.	3.2	13
48	High reproducibility of two-dimensional liquid chromatography using pH-driven fractionation with a pressure-resistant electrode. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 871, 125-129.	2.3	12
49	Single-Cell RNAseq Profiling of Human T Lymphocytes in Virus-Related Cancers and COVID-19 Disease. <i>Viruses</i> , 2021, 13, 2212.	3.3	12
50	Characterization of Phosphoantigens by High-Performance Anion-Exchange Chromatography-Electrospray Ionization Ion Trap Mass Spectrometry and Nano-electrospray Ionization Ion Trap Mass Spectrometry. <i>Analytical Chemistry</i> , 2001, 73, 3562-3569.	6.5	11
51	Phased differentiation of T and T CD8 tumor-infiltrating lymphocytes revealed by single-cell transcriptomics of human cancers. <i>Oncotarget</i> , 2021, 10, 19395-19418.	4.6	11
52	Curbing false discovery rates in interpretation of genome-wide expression profiles. <i>Journal of Biomedical Informatics</i> , 2014, 47, 58-61.	4.3	10
53	Mzabimycins A and B, novel intracellular angucycline antibiotics produced by <i>Streptomyces</i> sp. PAL114 in synthetic medium containing L-tryptophan. <i>Saudi Pharmaceutical Journal</i> , 2019, 27, 907-913.	2.7	9
54	Lymphoma Heterogeneity Unraveled by Single-Cell Transcriptomics. <i>Frontiers in Immunology</i> , 2021, 12, 597651.	4.8	9

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55	Cyclic dinucleotides modulate human T cell response through monocyte cell death. European Journal of Immunology, 2015, 45, 3313-3323.	2.9	8
56	The PPAR α pathway in V β 9 T cell anergy. Cellular and Molecular Biology Letters, 2014, 19, 649-58.	7.0	6
57	Chronic Hyperinsulinemia Does Not Increase the Production Rate of High-Density Lipoprotein Apolipoprotein A1. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2460-2465.	2.4	4
58	1.P.403 Application of gas chromatography/combustion/isotope ratio mass spectrometry to lipoprotein kinetics with ¹³ C labeled tracers. Atherosclerosis, 1997, 134, 102.	0.8	0
59	Single-cell differentiation trajectories define early stages of a human cutaneous T-cell lymphoma. Exploration of Immunology, 0, , 185-199.	0.3	0