

# 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	Phased differentiation of $\hat{1}^3\hat{1}$ T and T CD8 tumor-infiltrating lymphocytes revealed by single-cell transcriptomics of human cancers. <i>Oncolmmunology</i> , 2021, 10, 1939518.	4.6	11
2	Lymphoma Heterogeneity Unraveled by Single-Cell Transcriptomics. <i>Frontiers in Immunology</i> , 2021, 12, 597651.	4.8	9
3	Role of oxidative stress in the dysfunction of the placental endothelial nitric oxide synthase in preeclampsia. <i>Redox Biology</i> , 2021, 40, 101861.	9.0	103
4	PD-1 blockade restores helper activity of tumor-infiltrating, exhausted PD-1hiCD39+ CD4 T cells. <i>JCI Insight</i> , 2021, 6, .	5.0	64
5	Single-Cell RNAseq Profiling of Human $\hat{1}^3\hat{1}$ T Lymphocytes in Virus-Related Cancers and COVID-19 Disease. <i>Viruses</i> , 2021, 13, 2212.	3.3	12
6	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
7	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
8	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
9	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
10	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
11	Single-Cell Signature Explorer for comprehensive visualization of single cell signatures across scRNA-seq datasets. <i>Nucleic Acids Research</i> , 2019, 47, e133-e133.	14.5	96
12	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
13	Single-cell RNA sequencing unveils the shared and the distinct cytotoxic hallmarks of human TCRV $\hat{1}$ 1 and TCRV $\hat{1}$ 2 $\hat{1}^3\hat{1}$ T lymphocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11906-11915.	7.1	152
14	PTMselect: optimization of protein modifications discovery by mass spectrometry. <i>Scientific Reports</i> , 2019, 9, 4181.	3.3	14
15	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
16	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
17	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
18	Assessment of tumor-infiltrating TCRV $\hat{1}$ 3</b>V<b> $\hat{1}$ </b>2<b> $\hat{1}^3\hat{1}$ </b> lymphocyte abundance by deconvolution of human cancers microarrays. <i>Oncolmmunology</i> , 2017, 6, e1284723.	4.6	134

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19	Streptomyces sp. AT37 isolated from a Saharan soil produces a furanone derivative active against multidrug-resistant Staphylococcus aureus. World Journal of Microbiology and Biotechnology, 2017, 33, 105.	3.6	19
20	Large-scale microarray profiling reveals four stages of immune escape in non-Hodgkin lymphomas. OncoImmunology, 2016, 5, e1188246.	4.6	43
21	Cyclic dinucleotides modulate human T cell response through monocyte cell death. European Journal of Immunology, 2015, 45, 3313-3323.	2.9	8
22	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
23	Pancreatic preneoplastic lesions plasma signatures and biomarkers based on proteome profiling of mouse models. British Journal of Cancer, 2015, 113, 1590-1598.	6.4	15
24	Human Monocyte Recognition of Adenosine-Based Cyclic Dinucleotides Unveils the A2a G-protein-Coupled Receptor Tonic Inhibition of Mitochondrially Induced Cell Death. Molecular and Cellular Biology, 2015, 35, 479-495.	2.3	18
25	The PPAR pathway in V $\beta$ 2 T cell anergy. Cellular and Molecular Biology Letters, 2014, 19, 649-58.	7.0	6
26	Curbing false discovery rates in interpretation of genome-wide expression profiles. Journal of Biomedical Informatics, 2014, 47, 58-61.	4.3	10
27	Dendrogenin A arises from cholesterol and histamine metabolism and shows cell differentiation and anti-tumour properties. Nature Communications, 2013, 4, 1840.	12.8	101
28	Chronic Hyperinsulinemia Does Not Increase the Production Rate of High-Density Lipoprotein Apolipoprotein AI. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2460-2465.	2.4	4
29	Characterization of the Arabinogalactan Protein 31 (AGP31) of Arabidopsis thaliana. Journal of Biological Chemistry, 2012, 287, 9623-9632.	3.4	39
30	The gene expression profile of phosphoantigen-specific human $\gamma$ T lymphocytes is a blend of T cell and NK cell signatures. European Journal of Immunology, 2012, 42, 228-240.	2.9	45
31	Endogenous Chronic Hyperinsulinemia Does Not Increase the Production Rate of VLDL Apolipoprotein B: Proof from a Kinetic Study in Patients with Insulinoma. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 2163-2170.	3.6	15
32	Biochemical Misdiagnosis of Pheochromocytoma in Patients Treated With Sulfasalazine. JAMA - Journal of the American Medical Association, 2010, 304, 1898.	7.4	25
33	Sorting protein lists with nwCompare: A simple and fast algorithm for pairwise comparison of proteomic data files. Proteomics, 2010, 10, 1091-1094.	2.2	13
34	Phosphoantigens Overcome Human TCRV $\beta$ 9+ $\gamma$ Cell Immunosuppression by TGF- $\beta$ 2: Relevance for Cancer Immunotherapy. Journal of Immunology, 2010, 184, 6680-6687.	0.8	25
35	Specific Requirements for V $\beta$ 2 T Cell Stimulation by a Natural Adenylated Phosphoantigen. Journal of Immunology, 2009, 183, 3848-3857.	0.8	57
36	High reproducibility of two-dimensional liquid chromatography using pH-driven fractionation with a pressure-resistant electrode. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 871, 125-129.	2.3	12

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37	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
38	Proteomic analysis of anaplastic lymphoma cell lines: Identification of potential tumour markers. <i>Proteomics</i> , 2006, 6, 3210-3222.	2.2	30
39	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. <i>Molecular Nutrition and Food Research</i> , 2006, 50, 530-542.	3.3	47
40	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
41	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
42	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
43	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
44	<i>Escherichia coli</i> Produces Phosphoantigens Activating Human $\gamma\delta$ T Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 148-154.	3.4	47
45	Early Kinetic Abnormalities of ApoB-Containing Lipoproteins in Insulin-Resistant Women With Abdominal Obesity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 1726-1732.	2.4	52
46	Mistletoe viscotoxins increase natural killer cell-mediated cytotoxicity. <i>FEBS Journal</i> , 2002, 269, 2591-2600.	0.2	58
47	High-density lipoprotein apolipoprotein A-I kinetics in obese insulin resistant patients. An in vivo stable isotope study. <i>International Journal of Obesity</i> , 2002, 26, 1151-1158.	3.4	66
48	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
49	Chemical Synthesis and Biological Activity of Bromohydrin Pyrophosphate, a Potent Stimulator of Human $\gamma\delta$ T Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 18337-18344.	3.4	141
50	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
51	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
52	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.	3.4	84
53	Inefficiency of insulin therapy to correct apolipoprotein A-I metabolic abnormalities in non-insulin-dependent diabetes mellitus. <i>Atherosclerosis</i> , 2000, 152, 229-237.	0.8	55
54	Structure-Activity Analysis of the Effects of Lysophosphatidic Acid on Platelet Aggregation. <i>Biochemistry</i> , 1999, 38, 8440-8450.	2.5	76

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55	Development of Compartmental Models in Stable-Isotope Experiments. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998, 18, 853-860.	2.4	33
56	1.P.403 Application of gas chromatography/combustion/isotope ratio mass spectrometry to lipoprotein kinetics with <sup>13</sup> C labeled tracers. <i>Atherosclerosis</i> , 1997, 134, 102.	0.8	0
57	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
58	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
59	Single-cell differentiation trajectories define early stages of a human cutaneous T-cell lymphoma. <i>Exploration of Immunology</i> , 0, , 185-199.	0.3	0