

# Frdric Pont

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

59  
papers

1,613  
citations

26  
h-index

39  
g-index

64  
ext. papers

1,966  
ext. citations

6.9  
avg, IF

4.42  
L-index

| #  | Paper   | IF   | Citations |
|----|---|------|-----------|
| 59 | Chemical synthesis and biological activity of bromohydrin pyrophosphate, a potent stimulator of human gamma delta T cells. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 18337-44   | 5.4  | 126       |
| 58 | Dendrogenin A arises from cholesterol and histamine metabolism and shows cell differentiation and anti-tumour properties. <i>Nature Communications</i> , <b>2013</b> , 4, 1840  | 17.4 | 83        |
| 57 | Metabolic abnormalities of apolipoprotein B-containing lipoproteins in non-insulin-dependent diabetes: a stable isotope kinetic study. <i>European Journal of Clinical Investigation</i> , <b>2000</b> , 30, 685  | 4.6  | 80        |
| 56 | Assessment of tumor-infiltrating TCRV9V2 lymphocyte abundance by deconvolution of human cancers microarrays. <i>Oncology</i> , <b>2017</b> , 6, e1284723  | 7.2  | 78        |
| 55 | First-in-man phase 1 clinical trial of gene therapy for advanced pancreatic cancer: safety, biodistribution, and preliminary clinical findings. <i>Molecular Therapy</i> , <b>2015</b> , 23, 779-89   | 11.7 | 73        |
| 54 | Single-cell RNA sequencing unveils the shared and the distinct cytotoxic hallmarks of human TCRV $\alpha$ and TCRV $\beta$ T lymphocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 11906-11915       | 11.5 | 68        |
| 53 | Structure-activity analysis of the effects of lysophosphatidic acid on platelet aggregation. <i>Biochemistry</i> , <b>1999</b> , 38, 8440-50  | 3.2  | 66        |
| 52 | High-density lipoprotein apolipoprotein A-I kinetics in obese insulin resistant patients. An in vivo stable isotope study. <i>International Journal of Obesity</i> , <b>2002</b> , 26, 1151-8   | 5.5  | 61        |
| 51 | Specific requirements for Vgamma9Vdelta2 T cell stimulation by a natural adenylated phosphoantigen. <i>Journal of Immunology</i> , <b>2009</b> , 183, 3848-57   | 5.3  | 52        |
| 50 | Inefficiency of insulin therapy to correct apolipoprotein A-I metabolic abnormalities in non-insulin-dependent diabetes mellitus. <i>Atherosclerosis</i> , <b>2000</b> , 152, 229-37  | 3.1  | 51        |
| 49 | Single-Cell Signature Explorer for comprehensive visualization of single cell signatures across scRNA-seq datasets. <i>Nucleic Acids Research</i> , <b>2019</b> , 47, e133  | 20.1 | 50        |
| 48 | 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> , <b>2006</b> , 50, 530-42 | 5.9  | 43        |
| 47 | Mistletoe viscotoxins increase natural killer cell-mediated cytotoxicity. <i>FEBS Journal</i> , <b>2002</b> , 269, 2591-600   |      | 43        |
| 46 | Escherichia coli produces phosphoantigens activating human gamma delta T cells. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 148-54  | 5.4  | 40        |
| 45 | Early kinetic abnormalities of apoB-containing lipoproteins in insulin-resistant women with abdominal obesity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2002</b> , 22, 1726-32  | 9.4  | 40        |
| 44 | Early and transient increase of rat hippocampal blood-brain barrier permeability to amino acids during kainic acid-induced seizures. <i>Neuroscience Letters</i> , <b>1995</b> , 184, 52-4  | 3.3  | 37        |
| 43 | The gene expression profile of phosphoantigen-specific human T lymphocytes is a blend of T-cell and NK-cell signatures. <i>European Journal of Immunology</i> , <b>2012</b> , 42, 228-40  | 6.1  | 36        |

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|----|---|------|----|
| 42 | Significant improvement of apolipoprotein B-containing lipoprotein metabolism by insulin treatment in patients with non-insulin-dependent diabetes mellitus. <i>Diabetologia</i> , <b>2000</b> , 43, 27-35                                | 10.3 | 36 |
| 41 | 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> , <b>2005</b> , 174, 1717-22                        | 5.3  | 35 |
| 40 | Development of compartmental models in stable-isotope experiments: application to lipid metabolism. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>1998</b> , 18, 853-60  | 9.4  | 31 |
| 39 | Role of oxidative stress in the dysfunction of the placental endothelial nitric oxide synthase in preeclampsia. <i>Redox Biology</i> , <b>2021</b> , 40, 101861   | 11.3 | 30 |
| 38 | Large-scale microarray profiling reveals four stages of immune escape in non-Hodgkin lymphomas. <i>Oncotmunology</i> , <b>2016</b> , 5, e1188246  | 7.2  | 29 |
| 37 | 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> , <b>1997</b> , 248, 277-87       | 3.1  | 29 |
| 36 | Proteomic analysis of anaplastic lymphoma cell lines: identification of potential tumour markers. <i>Proteomics</i> , <b>2006</b> , 6, 3210-22  | 4.8  | 28 |
| 35 | Proteomic analysis reveals selective impediment of neuronal remodeling upon Borna disease virus infection. <i>Journal of Virology</i> , <b>2008</b> , 82, 12265-79  | 6.6  | 27 |
| 34 | Microtubule-Driven Stress Granule Dynamics Regulate Inhibitory Immune Checkpoint Expression in T Cells. <i>Cell Reports</i> , <b>2019</b> , 26, 94-107.e7   | 10.6 | 26 |
| 33 | Characterization of the arabinogalactan protein 31 (AGP31) of <i>Arabidopsis thaliana</i> : new advances on the Hyp-O-glycosylation of the Pro-rich domain. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 9623-32           | 5.4  | 24 |
| 32 | Phosphoantigens overcome human TCRVgamma9+ gammadelta Cell immunosuppression by TGF-beta: relevance for cancer immunotherapy. <i>Journal of Immunology</i> , <b>2010</b> , 184, 6680-7  | 5.3  | 22 |
| 31 | Biochemical misdiagnosis of pheochromocytoma in patients treated with sulfasalazine. <i>JAMA - Journal of the American Medical Association</i> , <b>2010</b> , 304, 1898-901  | 27.4 | 17 |
| 30 | 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> , <b>2003</b> , 285, R656-63                  | 3.2  | 17 |
| 29 | 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> , <b>2018</b> , 28, 150-160                                 | 3    | 17 |
| 28 | Comparison of stable-isotope-tracer methods for the determination of magnesium absorption in humans. <i>American Journal of Clinical Nutrition</i> , <b>2003</b> , 77, 1206-12  | 7    | 15 |
| 27 | Immunomodulatory Drugs Exert Anti-Leukemia Effects in Acute Myeloid Leukemia by Direct and Immunostimulatory Activities. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 977  | 8.4  | 14 |
| 26 | 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> , <b>2004</b> , 57, 373-8                                  | 3.7  | 14 |
| 25 | <i>Streptomyces</i> sp. AT37 isolated from a Saharan soil produces a furanone derivative active against multidrug-resistant <i>Staphylococcus aureus</i> . <i>World Journal of Microbiology and Biotechnology</i> , <b>2017</b> , 33, 105 | 4.4  | 13 |

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|----|---|------|----|
| 24 | Pancreatic preneoplastic lesions plasma signatures and biomarkers based on proteome profiling of mouse models. <i>British Journal of Cancer</i> , <b>2015</b> , 113, 1590-8   | 8.7  | 13 |
| 23 | Human monocyte recognition of adenosine-based cyclic dinucleotides unveils the A2a G $\beta$ protein-coupled receptor tonic inhibition of mitochondrially induced cell death. <i>Molecular and Cellular Biology</i> , <b>2015</b> , 35, 479-95                | 4.8  | 13 |
| 22 | PD-1 blockade restores helper activity of tumor-infiltrating, exhausted PD-1hiCD39+ CD4 T cells. <i>JCI Insight</i> , <b>2021</b> , 6,  | 9.9  | 12 |
| 21 | 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> , <b>2011</b> , 96, 2163-70               | 5.6  | 11 |
| 20 | 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> , <b>2008</b> , 871, 125-9   | 3.2  | 11 |
| 19 | Dual Relief of T-lymphocyte Proliferation and Effector Function Underlies Response to PD-1 Blockade in Epithelial Malignancies. <i>Cancer Immunology Research</i> , <b>2020</b> , 8, 869-882  | 12.5 | 11 |
| 18 | Sorting protein lists with nwCompare: a simple and fast algorithm for n-way comparison of proteomic data files. <i>Proteomics</i> , <b>2010</b> , 10, 1091-4  | 4.8  | 10 |
| 17 | PTMselect: optimization of protein modifications discovery by mass spectrometry. <i>Scientific Reports</i> , <b>2019</b> , 9, 4181  | 4.9  | 9  |
| 16 | Antimicrobial activities of novel bipyridine compounds produced by a new strain of isolated from Saharan soil. <i>Saudi Pharmaceutical Journal</i> , <b>2019</b> , 27, 56-65  | 4.4  | 9  |
| 15 | Curbing false discovery rates in interpretation of genome-wide expression profiles. <i>Journal of Biomedical Informatics</i> , <b>2014</b> , 47, 58-61  | 10.2 | 9  |
| 14 | Characterization of phosphoantigens by high-performance anion-exchange chromatography-electrospray ionization ion trap mass spectrometry and nanoelectrospray ionization ion trap mass spectrometry. <i>Analytical Chemistry</i> , <b>2001</b> , 73, 3562-9   | 7.8  | 9  |
| 13 | Modification of endothelial nitric oxide synthase by 4-oxo-2(E)-nonenal(ONE) in preeclamptic placentas. <i>Free Radical Biology and Medicine</i> , <b>2019</b> , 141, 416-425   | 7.8  | 8  |
| 12 | Single-Cell Virtual Cytometer allows user-friendly and versatile analysis and visualization of multimodal single cell RNAseq datasets. <i>NAR Genomics and Bioinformatics</i> , <b>2020</b> , 2, lqaa025  | 3.7  | 5  |
| 11 | Cyclic dinucleotides modulate human T-cell response through monocyte cell death. <i>European Journal of Immunology</i> , <b>2015</b> , 45, 3313-23  | 6.1  | 5  |
| 10 | Metabolic abnormalities of apolipoprotein B-containing lipoproteins in non-insulin-dependent diabetes: a stable isotope kinetic study. <i>European Journal of Clinical Investigation</i> , <b>2000</b> , 30, 685-694  | 4.6  | 5  |
| 9  | Chronic hyperinsulinemia does not increase the production rate of high-density lipoprotein apolipoprotein AI: evidence from a kinetic study in patients with insulinoma. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2013</b> , 33, 2460-5 | 9.4  | 4  |
| 8  | Mzabimycins A and B, novel intracellular angucycline antibiotics produced by sp. PAL114 in synthetic medium containing L-tryptophan. <i>Saudi Pharmaceutical Journal</i> , <b>2019</b> , 27, 907-913  | 4.4  | 3  |
| 7  | Longitudinal CITE-Seq profiling of chronic lymphocytic leukemia during ibrutinib treatment: evolution of leukemic and immune cells at relapse. <i>Biomarker Research</i> , <b>2020</b> , 8, 72  | 8    | 3  |

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|---|--|-----|---|
| 6 | The PPAR $\gamma$ pathway in V $\beta$ V $\delta$ T cell anergy. <i>Cellular and Molecular Biology Letters</i> , <b>2014</b> , 19, 649-58  | 8.1 | 3 |
| 5 | Single-Cell RNAseq Profiling of Human $\gamma\delta$ Lymphocytes in Virus-Related Cancers and COVID-19 Disease. <i>Viruses</i> , <b>2021</b> , 13,   | 6.2 | 3 |
| 4 | Single-Cell Signature Explorer for comprehensive visualization of single cell signatures across scRNA-seq data sets  |     | 3 |
| 3 | Phased differentiation of $\gamma\delta$ and T CD8 tumor-infiltrating lymphocytes revealed by single-cell transcriptomics of human cancers. <i>OncImmunity</i> , <b>2021</b> , 10, 1939518 | 7.2 | 2 |
| 2 | Lymphoma Heterogeneity Unraveled by Single-Cell Transcriptomics. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 597651   | 8.4 | 1 |
| 1 | Single-cell differentiation trajectories define early stages of a human cutaneous T-cell lymphoma. <i>Exploration of Immunology</i> , 185-199  |     |   |