

# Eric Bonneil

## List of Publications by Year in Descending Order

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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.

33  
papers

1,136  
citations

17  
h-index

33  
g-index

38  
ext. papers

1,695  
ext. citations

10  
avg, IF

4.33  
L-index

#	Paper	IF	Citations
33	The microprotein Nrs1 rewires the G1/S transcriptional machinery during nitrogen limitation in budding yeast.. <i>PLoS Biology</i> , <b>2022</b> , 20, e3001548	9.7	0
32	MhcVizPipe: A Quality Control Software for Rapid Assessment of Small- to Large-Scale Immunopeptidome Data Sets. <i>Molecular and Cellular Proteomics</i> , <b>2021</b> , 100178	7.6	0
31	A novel p53 regulator, C16ORF72/TAPR1, buffers against telomerase inhibition. <i>Aging Cell</i> , <b>2021</b> , 20, e13331	9.9	3
30	Most non-canonical proteins uniquely populate the proteome or immunopeptidome. <i>Cell Reports</i> , <b>2021</b> , 34, 108815	10.6	26
29	Atypical acute myeloid leukemia-specific transcripts generate shared and immunogenic MHC class-I-associated epitopes. <i>Immunity</i> , <b>2021</b> , 54, 737-752.e10	32.3	17
28	Mechanisms to reduce the cytotoxicity of pharmacological nicotinamide concentrations in the pathogenic fungus <i>Candida albicans</i> . <i>FEBS Journal</i> , <b>2021</b> , 288, 3478-3506	5.7	2
27	UM171 Preserves Epigenetic Marks that Are Reduced in Ex Vivo Culture of Human HSCs via Potentiation of the CLR3-KBTBD4 Complex. <i>Cell Stem Cell</i> , <b>2021</b> , 28, 48-62.e6	18	11
26	Pharmacological inhibition of PRMT7 links arginine monomethylation to the cellular stress response. <i>Nature Communications</i> , <b>2020</b> , 11, 2396	17.4	29
25	Extending the Comprehensiveness of Immunopeptidome Analyses Using Isobaric Peptide Labeling. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 9194-9204	7.8	17
24	Proteogenomics Uncovers a Vast Repertoire of Shared Tumor-Specific Antigens in Ovarian Cancer. <i>Cancer Immunology Research</i> , <b>2020</b> , 8, 544-555	12.5	23
23	Imipridone Anticancer Compounds Ectopically Activate the ClpP Protease and Represent a New Scaffold for Antibiotic Development. <i>Genetics</i> , <b>2020</b> , 214, 1103-1120	4	16
22	Widespread and tissue-specific expression of endogenous retroelements in human somatic tissues. <i>Genome Medicine</i> , <b>2020</b> , 12, 40	14.4	14
21	Cyclin B3 activates the Anaphase-Promoting Complex/Cyclosome in meiosis and mitosis. <i>PLoS Genetics</i> , <b>2020</b> , 16, e1009184	6	5
20	H3.3 G34W Promotes Growth and Impedes Differentiation of Osteoblast-Like Mesenchymal Progenitors in Giant Cell Tumor of Bone. <i>Cancer Discovery</i> , <b>2020</b> , 10, 1968-1987	24.4	14
19	Generation of antioxidative peptides from Atlantic sea cucumber using alcalase versus trypsin: In vitro activity, de novo sequencing, and in silico docking for in vivo function prediction. <i>Food Chemistry</i> , <b>2020</b> , 306, 125581	8.5	30
18	Proteomics of Herpes Simplex Virus Type 1 Nuclear Capsids. <i>Journal of Virology</i> , <b>2020</b> ,	6.6	3
17	Altered proteome of high-density lipoproteins from paediatric acute lymphoblastic leukemia survivors. <i>Scientific Reports</i> , <b>2019</b> , 9, 4268	4.9	9

16	Gas-Phase Enrichment of Multiply Charged Peptide Ions by Differential Ion Mobility Extend the Comprehensiveness of SUMO Proteome Analyses. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2018</b> , 29, 1111-1124	3.5	10
15	Extended Synaptotagmin 1 Interacts with Herpes Simplex Virus 1 Glycoprotein M and Negatively Modulates Virus-Induced Membrane Fusion. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	12
14	Noncoding regions are the main source of targetable tumor-specific antigens. <i>Science Translational Medicine</i> , <b>2018</b> , 10,	17.5	199
13	Monoubiquitination of ASXLs controls the deubiquitinase activity of the tumor suppressor BAP1. <i>Nature Communications</i> , <b>2018</b> , 9, 4385	17.4	24
12	A Novel Differential Ion Mobility Device Expands the Depth of Proteome Coverage and the Sensitivity of Multiplex Proteomic Measurements. <i>Molecular and Cellular Proteomics</i> , <b>2018</b> , 17, 2051-2067	7.6	65
11	Immunogenic stress and death of cancer cells: Contribution of antigenicity vs adjuvanticity to immunosurveillance. <i>Immunological Reviews</i> , <b>2017</b> , 280, 165-174	11.3	52
10	Improvement of Quantitative Measurements in Multiplex Proteomics Using High-Field Asymmetric Waveform Spectrometry. <i>Journal of Proteome Research</i> , <b>2016</b> , 15, 4653-4665	5.6	44
9	Chromatin-Bound MDM2 Regulates Serine Metabolism and Redox Homeostasis Independently of p53. <i>Molecular Cell</i> , <b>2016</b> , 62, 890-902	17.6	69
8	Global and Site-Specific Changes in 5-Methylcytosine and 5-Hydroxymethylcytosine after Extended Post-mortem Interval. <i>Frontiers in Genetics</i> , <b>2016</b> , 7, 120	4.5	4
7	MHC class I-associated peptides derive from selective regions of the human genome. <i>Journal of Clinical Investigation</i> , <b>2016</b> , 126, 4690-4701	15.9	123
6	Global proteogenomic analysis of human MHC class I-associated peptides derived from non-canonical reading frames. <i>Nature Communications</i> , <b>2016</b> , 7, 10238	17.4	127
5	Enhancement of mass spectrometry performance for proteomic analyses using high-field asymmetric waveform ion mobility spectrometry (FAIMS). <i>Journal of Mass Spectrometry</i> , <b>2015</b> , 50, 1181-1195	3.2	23
4	Large-scale analysis of lysine SUMOylation by SUMO remnant immunoaffinity profiling. <i>Nature Communications</i> , <b>2014</b> , 5, 5409	17.4	94
3	Biochemical properties of glycosylation and characterization of a histidine acid phosphatase (phytase) expressed in <i>Pichia pastoris</i> . <i>Protein Expression and Purification</i> , <b>2014</b> , 99, 43-9	2	20
2	Engineering the pattern of protein glycosylation modulates the thermostability of a GH11 xylanase. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 25522-25534	5.4	49
1	Ubp2l-Bmi-1-Rnf2 Define a Novel Polycomb Complex Essential For Self-Renewal Of Hematopoietic Stem Cells. <i>Blood</i> , <b>2013</b> , 122, 736-736	2.2	