

# Peter J O'brien

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

2,663  
citations

516215

16  
h-index

752256

20  
g-index

27  
all docs

27  
docs citations

27  
times ranked

3597  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fit-for-Purpose Method Development and Validation for Successful Biomarker Measurement. <i>Pharmaceutical Research</i> , 2006, 23, 312-328.	1.7	684
2	Thrombin Responses in Human Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 13502-13509.	1.6	276
3	Toward $\sim$ Omic Scale Metabolite Profiling: A Dual Separation $\sim$ Mass Spectrometry Approach for Coverage of Lipid and Central Carbon Metabolism. <i>Analytical Chemistry</i> , 2013, 85, 6876-6884.	3.2	242
4	Protease activated receptors: theme and variations. <i>Oncogene</i> , 2001, 20, 1570-1581.	2.6	211
5	The Novel Apolipoprotein A5 Is Present in Human Serum, Is Associated with VLDL, HDL, and Chylomicrons, and Circulates at Very Low Concentrations Compared with Other Apolipoproteins. <i>Clinical Chemistry</i> , 2005, 51, 351-359.	1.5	190
6	Altered G Protein $\sim$ Coupling Functions of RNA Editing Isoform and Splicing Variant Serotonin $\times$ 2C $\times$ Receptors. <i>Journal of Neurochemistry</i> , 2000, 74, 1290-1300.	2.1	187
7	Gene induction by coagulation factor Xa is mediated by activation of protease-activated receptor 1. <i>Blood</i> , 2001, 97, 3109-3116.	0.6	180
8	Evaluation of the Substrate Specificity of Human Mast Cell Tryptase $\hat{I}^2$ and Demonstration of Its Importance in Bacterial Infections of the Lung. <i>Journal of Biological Chemistry</i> , 2001, 276, 26276-26284.	1.6	130
9	[ $^{18}$ F]FLT $\sim$ PET Imaging Does Not Always $\sim$ Light Up $\sim$ Proliferating Tumor Cells. <i>Clinical Cancer Research</i> , 2012, 18, 1303-1312.	3.2	73
10	Targeting of HIV- and SIV-Infected Cells by CD4-Chemokine Receptor Pseudotypes. <i>Science</i> , 1997, 278, 1462-1464.	6.0	68
11	The development of a fully-integrated immune response model (FIRM) simulator of the immune response through integration of multiple subset models. <i>BMC Systems Biology</i> , 2013, 7, 95.	3.0	65
12	Monitoring metabolic responses to chemotherapy in single cells and tumors using nanostructure-initiator mass spectrometry (NIMS) imaging. <i>Cancer &amp; Metabolism</i> , 2013, 1, 4.	2.4	43
13	Thrombin Receptors and Protease-Activated Receptor-2 in Human Placentation. <i>American Journal of Pathology</i> , 2003, 163, 1245-1254.	1.9	41
14	Recommendations for the evaluation of specimen stability for flow cytometric testing during drug development. <i>Journal of Immunological Methods</i> , 2015, 418, 1-8.	0.6	30
15	Optimization of analytical and pre-analytical variables associated with an ex vivo cytokine secretion assay. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 41, 189-195.	1.4	17
16	Development and validation of an alpha fetoprotein immunoassay using Gyros technology. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 64-65, 8-15.	1.4	15
17	Signaling Receptors on Platelets and Megakaryocytes. , 2004, 273, 003-032.		10
18	Monitoring cellular accumulation of $3\hat{a}^2$ -deoxy- $3\hat{a}^2$ -fluorothymidine (FLT) and its monophosphate metabolite (FLT-MP) by LC $\sim$ MS/MS as a measure of cell proliferation in vitro. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 2963-2970.	1.2	6

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19	Liquid chromatography-tandem mass spectrometry method for quantification of thymidine kinase activity in human serum by monitoring the conversion of 3-deoxy-3-fluorothymidine to 3-deoxy-3-fluorothymidine monophosphate. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2012, 907, 13-20.	1.2	6
20	Luciferase does not alter metabolism in cancer cells. Metabolomics, 2014, 10, 354-360.	1.4	5
21	Lung delivery of an interleukin-9 antibody inhibits BAL interleukin-13 levels in a murine model of asthma. Journal of Allergy and Clinical Immunology, 2002, 109, S22-S22.	1.5	0
22	IL-9 induces IL-13 expression in vitro, and in vivo. Journal of Allergy and Clinical Immunology, 2002, 109, S74-S74.	1.5	0
23	The Role of Thrombospondin-1 in Driving Regulatory T Cell Generation Following Extracorporeal Photopheresis. Clinical Immunology, 2007, 123, S109-S110.	1.4	0
24	Abstract LB-333: Metabolic imaging of cancer using nanostructure-initiator mass spectrometry. , 2011, , .		0
25	Abstract 2841: A simplified approach to measuring thymidine kinase activity in cells, tumors, and blood as a biomarker of tumor proliferative potential. , 2012, , .		0