# Peter J O'brien

## List of Publications by Year
## in descending order

| 25 | 2,663 | 516710 | 752698 |
|---|---|---|---|
| papers | citations | 16 | 20 |
| | | h-index | g-index |

| 27 | 27 | 27 | 3597 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Fit-for-Purpose Method Development and Validation for Successful Biomarker Measurement. Pharmaceutical Research, 2006, 23, 312-328. | 3.5 | 684 |
| 2 | Thrombin Responses in Human Endothelial Cells. Journal of Biological Chemistry, 2000, 275, 13502-13509. | 3.4 | 276 |
| 3 | Toward â€˜Omic Scale Metabolite Profiling: A Dual Separationâ€"Mass Spectrometry Approach for Coverage of Lipid and Central Carbon Metabolism. Analytical Chemistry, 2013, 85, 6876-6884. | 6.5 | 242 |
| 4 | Protease activated receptors: theme and variations. Oncogene, 2001, 20, 1570-1581. | 5.9 | 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. Clinical Chemistry, 2005, 51, 351-359. | 3.2 | 190 |
| 6 | Altered G Proteinâ€"Coupling Functions of RNA Editing Isoform and Splicing Variant Serotonin2C Receptors. Journal of Neurochemistry, 2000, 74, 1290-1300. | 3.9 | 187 |
| 7 | Gene induction by coagulation factor Xa is mediated by activation of protease-activated receptor 1. Blood, 2001, 97, 3109-3116. | 1.4 | 180 |
| 8 | Evaluation of the Substrate Specificity of Human Mast Cell Tryptase Î²I and Demonstration of Its Importance in Bacterial Infections of the Lung. Journal of Biological Chemistry, 2001, 276, 26276-26284. | 3.4 | 130 |
| 9 | [18F]FLTâ€"PET Imaging Does Not Always â€œLight Upâ€•Proliferating Tumor Cells. Clinical Cancer Research, 2012, 18, 1303-1312. | 7.0 | 73 |
| 10 | Targeting of HIV- and SIV-Infected Cells by CD4-Chemokine Receptor Pseudotypes. Science, 1997, 278, 1462-1464. | 12.6 | 68 |
| 11 | The development of a fully-integrated immune response model (FIRM) simulator of the immune response through integration of multiple subset models. BMC Systems Biology, 2013, 7, 95. | 3.0 | 65 |
| 12 | Monitoring metabolic responses to chemotherapy in single cells and tumors using nanostructure-initiator mass spectrometry (NIMS) imaging. Cancer & Metabolism, 2013, 1, 4. | 5.0 | 43 |
| 13 | Thrombin Receptors and Protease-Activated Receptor-2 in Human Placentation. American Journal of Pathology, 2003, 163, 1245-1254. | 3.8 | 41 |
| 14 | Recommendations for the evaluation of specimen stability for flow cytometric testing during drug development. Journal of Immunological Methods, 2015, 418, 1-8. | 1.4 | 30 |
| 15 | Optimization of analytical and pre-analytical variables associated with an ex vivo cytokine secretion assay. Journal of Pharmaceutical and Biomedical Analysis, 2006, 41, 189-195. | 2.8 | 17 |
| 16 | Development and validation of an alpha fetoprotein immunoassay using Gyros technology. Journal of Pharmaceutical and Biomedical Analysis, 2012, 64-65, 8-15. | 2.8 | 15 |
| 17 | Signaling Receptors on Platelets and Megakaryocytes. , 2004, 273, 003-032. | | 10 |
| 18 | Monitoring cellular accumulation of 3â€²-deoxy-3â€²-fluorothymidine (FLT) and its monophosphate metabolite (FLT-MP) by LCâ€"MS/MS as a measure of cell proliferation in vitro. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 2963-2970. | 2.3 | 6 |

| #  | Article | IF | Citations |
|----|---------|-----|-----------|
| 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. | 2.3 | 6 |
| 20 | Luciferase does not alter metabolism in cancer cells. Metabolomics, 2014, 10, 354-360. | 3.0 | 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. | 2.9 | 0 |
| 22 | IL-9 induces IL-13 expression in vitro, and in vivo. Journal of Allergy and Clinical Immunology, 2002, 109, S74-S74. | 2.9 | 0 |
| 23 | The Role of Thrombospondin-1 in Driving Regulatory T Cell Generation Following Extracorporeal Photopheresis. Clinical Immunology, 2007, 123, S109-S110. | 3.2 | 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 |