

# Vincent Jaquet

## 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.

48  
papers

2,927  
citations

29  
h-index

53  
g-index

53  
ext. papers

3,417  
ext. citations

7.3  
avg, IF

5.14  
L-index

| #  | Paper   | IF   | Citations |
|----|---|------|-----------|
| 48 | Dual NADPH oxidases DUOX1 and DUOX2 synthesize NAADP and are necessary for Ca signaling during T cell activation. <i>Science Signaling</i> , <b>2021</b> , 14, eabe3800                             | 8.8  | 10        |
| 47 | Di-Tyrosine Crosslinking and Expression as Oxidative Pathological Markers in the Lungs of Patients with Idiopathic Pulmonary Fibrosis. <i>Antioxidants</i> , <b>2021</b> , 10,                      | 7.1  | 1         |
| 46 | Hydrogen Peroxide Affects Growth of Through Downregulation of Genes Involved in Pyrimidine Biosynthesis. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 673985                                  | 8.4  | 1         |
| 45 | Redox activation of excitatory pathways in auditory neurons as mechanism of age-related hearing loss. <i>Redox Biology</i> , <b>2020</b> , 30, 101434   | 11.3 | 14        |
| 44 | On the Clinical Pharmacology of Reactive Oxygen Species. <i>Pharmacological Reviews</i> , <b>2020</b> , 72, 801-828   | 22.5 | 21        |
| 43 | Navigating in vitro bioactivity data by investigating available resources using model compounds. <i>Scientific Data</i> , <b>2019</b> , 6, 45   | 8.2  | 1         |
| 42 | Methods for Detection of NOX-Derived Superoxide Radical Anion and Hydrogen Peroxide in Cells. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1982, 233-241                                     | 1.4  | 7         |
| 41 | Mammalian NADPH Oxidases. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1982, 17-36   | 1.4  | 48        |
| 40 | Potential benefits and harms of NADPH oxidase type 4 in the kidneys and cardiovascular system. <i>Nephrology Dialysis Transplantation</i> , <b>2019</b> , 34, 567-576                               | 4.3  | 24        |
| 39 | Pharmacological characterization of the seven human NOX isoforms and their inhibitors. <i>Redox Biology</i> , <b>2019</b> , 26, 101272  | 11.3 | 82        |
| 38 | Tubular NOX4 expression decreases in chronic kidney disease but does not modify fibrosis evolution. <i>Redox Biology</i> , <b>2019</b> , 26, 101234   | 11.3 | 15        |
| 37 | NOX5 Cell-Free Assay for the High-Throughput Screening of Small Molecules. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1982, 103-111  | 1.4  | 1         |
| 36 | Dectin-1 Binding to Annexins on Apoptotic Cells Induces Peripheral Immune Tolerance via NADPH Oxidase-2. <i>Cell Reports</i> , <b>2019</b> , 29, 4435-4446.e9                                       | 10.6 | 24        |
| 35 | European contribution to the study of ROS: A summary of the findings and prospects for the future from the COST action BM1203 (EU-ROS). <i>Redox Biology</i> , <b>2017</b> , 13, 94-162             | 11.3 | 185       |
| 34 | NADPH oxidases as drug targets and biomarkers in neurodegenerative diseases: What is the evidence?. <i>Free Radical Biology and Medicine</i> , <b>2017</b> , 112, 387-396                           | 7.8  | 60        |
| 33 | Decreased NOX2 expression in the brain of patients with bipolar disorder: association with valproic acid prescription and substance abuse. <i>Translational Psychiatry</i> , <b>2017</b> , 7, e1206 | 8.6  | 16        |
| 32 | Transcription factor NRF2 controls the fate of neural stem cells in the subgranular zone of the hippocampus. <i>Redox Biology</i> , <b>2017</b> , 13, 393-401                                       | 11.3 | 35        |

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|----|---|------|-----|
| 31 | The oxidative stress theory of disease: levels of evidence and epistemological aspects. <i>British Journal of Pharmacology</i> , <b>2017</b> , 174, 1784-1796   | 8.6  | 86  |
| 30 | Decreased neural precursor cell pool in NADPH oxidase 2-deficiency: From mouse brain to neural differentiation of patient derived iPSC. <i>Redox Biology</i> , <b>2017</b> , 13, 82-93  | 11.3 | 18  |
| 29 | Evaluation of NADPH oxidases as drug targets in a mouse model of familial amyotrophic lateral sclerosis. <i>Free Radical Biology and Medicine</i> , <b>2016</b> , 97, 95-108  | 7.8  | 39  |
| 28 | Discovery of GSK2795039, a Novel Small Molecule NADPH Oxidase 2 Inhibitor. <i>Antioxidants and Redox Signaling</i> , <b>2015</b> , 23, 358-74   | 8.4  | 86  |
| 27 | Lentivector Knockdown of CCR5 in Hematopoietic Stem and Progenitor Cells Confers Functional and Persistent HIV-1 Resistance in Humanized Mice. <i>Journal of Virology</i> , <b>2015</b> , 89, 6761-72                                     | 6.6  | 28  |
| 26 | Pharmacology and Clinical Drug Candidates in Redox Medicine. <i>Antioxidants and Redox Signaling</i> , <b>2015</b> , 23, 1113-29  | 8.4  | 59  |
| 25 | Reactive Oxygen-Related Diseases: Therapeutic Targets and Emerging Clinical Indications. <i>Antioxidants and Redox Signaling</i> , <b>2015</b> , 23, 1171-85  | 8.4  | 89  |
| 24 | Response to Pick. <i>Antioxidants and Redox Signaling</i> , <b>2015</b> , 23, 1251-3  | 8.4  | 4   |
| 23 | A subset of N-substituted phenothiazines inhibits NADPH oxidases. <i>Free Radical Biology and Medicine</i> , <b>2015</b> , 86, 239-49   | 7.8  | 29  |
| 22 | New insights on NOX enzymes in the central nervous system. <i>Antioxidants and Redox Signaling</i> , <b>2014</b> , 20, 2815-37  | 8.4  | 191 |
| 21 | Role of NADPH oxidase isoforms NOX1, NOX2 and NOX4 in myocardial ischemia/reperfusion injury. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2013</b> , 64, 99-107  | 5.8  | 107 |
| 20 | Severe life stress and oxidative stress in the brain: from animal models to human pathology. <i>Antioxidants and Redox Signaling</i> , <b>2013</b> , 18, 1475-90  | 8.4  | 179 |
| 19 | Molecular imaging reveals rapid reduction of endothelial activation in early atherosclerosis with apocynin independent of antioxidative properties. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2013</b> , 33, 2187-92 | 9.4  | 33  |
| 18 | Detection of reactive oxygen species derived from the family of NOX NADPH oxidases. <i>Free Radical Biology and Medicine</i> , <b>2012</b> , 53, 1903-18  | 7.8  | 106 |
| 17 | Cell-free screening for NOX inhibitors. <i>Chemistry and Biology</i> , <b>2012</b> , 19, 664-5  |      | 3   |
| 16 | MALAT-1, a non protein-coding RNA is upregulated in the cerebellum, hippocampus and brain stem of human alcoholics. <i>Alcohol</i> , <b>2012</b> , 46, 629-34   | 2.7  | 56  |
| 15 | Targeting NOX enzymes in the central nervous system: therapeutic opportunities. <i>Cellular and Molecular Life Sciences</i> , <b>2012</b> , 69, 2387-407  | 10.3 | 59  |
| 14 | NOX5: from basic biology to signaling and disease. <i>Free Radical Biology and Medicine</i> , <b>2012</b> , 52, 725-34  | 7.8  | 92  |

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|----|--|-----|-----|
| 13 | NADPH oxidase elevations in pyramidal neurons drive psychosocial stress-induced neuropathology. <i>Translational Psychiatry</i> , <b>2012</b> , 2, e111  | 8.6 | 54  |
| 12 | Reactive oxygen species in myocardial reperfusion injury: from physiopathology to therapeutic approaches. <i>Current Pharmaceutical Biotechnology</i> , <b>2012</b> , 13, 97-114                   | 2.6 | 125 |
| 11 | NADPH oxidase (NOX) isoforms are inhibited by celastrol with a dual mode of action. <i>British Journal of Pharmacology</i> , <b>2011</b> , 164, 507-20   | 8.6 | 89  |
| 10 | The NADPH oxidase NOX2 controls glutamate release: a novel mechanism involved in psychosis-like ketamine responses. <i>Journal of Neuroscience</i> , <b>2010</b> , 30, 11317-25                    | 6.6 | 74  |
| 9  | NADPH oxidase 1 deficiency alters caveolin phosphorylation and angiotensin II-receptor localization in vascular smooth muscle. <i>Antioxidants and Redox Signaling</i> , <b>2009</b> , 11, 2371-84 | 8.4 | 30  |
| 8  | Three common polymorphisms in the CYBA gene form a haplotype associated with decreased ROS generation. <i>Human Mutation</i> , <b>2009</b> , 30, 1123-33   | 4.7 | 45  |
| 7  | Involvement of NOX2 in the development of behavioral and pathologic alterations in isolated rats. <i>Biological Psychiatry</i> , <b>2009</b> , 66, 384-92  | 7.9 | 158 |
| 6  | Small-molecule NOX inhibitors: ROS-generating NADPH oxidases as therapeutic targets. <i>Antioxidants and Redox Signaling</i> , <b>2009</b> , 11, 2535-52   | 8.4 | 214 |
| 5  | Hyperinflammation in chronic granulomatous disease and anti-inflammatory role of the phagocyte NADPH oxidase. <i>Seminars in Immunopathology</i> , <b>2008</b> , 30, 255-71                        | 12  | 130 |
| 4  | Neuronal protein 22 colocalises with both the microtubule and microfilament cytoskeleton in neurite-like processes. <i>Brain Research</i> , <b>2007</b> , 1128, 12-20                              | 3.7 | 11  |
| 3  | NOX5 is expressed at the plasma membrane and generates superoxide in response to protein kinase C activation. <i>Biochimie</i> , <b>2007</b> , 89, 1159-67   | 4.6 | 121 |
| 2  | Ethanol-related adaptive changes and physical dependence in rats after exposure to ethanol. <i>Alcohol</i> , <b>2001</b> , 24, 137-9   | 2.7 | 3   |
| 1  | Molecular cloning and characterization of hNP22: a gene up-regulated in human alcoholic brain. <i>Journal of Neurochemistry</i> , <b>2001</b> , 76, 1275-81  | 6   | 31  |