

Karl-Heinz Krause

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6718273/publications.pdf>

Version: 2024-02-01

238
papers

28,754
citations

5574

82
h-index

5539

163
g-index

249
all docs

249
docs citations

249
times ranked

32140
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Optimization of Thymidine Kinase-Based Safety Switch for Neural Cell Therapy. <i>Cells</i> , 2022, 11, 502. | 4.1 | 4 |
| 2 | Adipose-derived stem cell spheroids are superior to single cell suspensions to improve fat autograft long-term survival. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 1421-1433. | 3.6 | 6 |
| 3 | NADPH Oxidase 3 Deficiency Protects From Noise-Induced Sensorineural Hearing Loss. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 832314. | 3.7 | 9 |
| 4 | Transcriptomic Analysis of <i>E. coli</i> after Exposure to a Sublethal Concentration of Hydrogen Peroxide Revealed a Coordinated Up-Regulation of the Cysteine Biosynthesis Pathway. <i>Antioxidants</i> , 2022, 11, 655. | 5.1 | 12 |
| 5 | Alpha-1 Antitrypsin Reduces Disease Progression in a Mouse Model of Charcot-Marie-Tooth Type 1A: A Role for Decreased Inflammation and ADAM-17 Inhibition. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7405. | 4.1 | 3 |
| 6 | Neurothreads: Development of supportive carriers for mature dopaminergic neuron differentiation and implantation. <i>Biomaterials</i> , 2021, 270, 120707. | 11.4 | 12 |
| 7 | Macropinocytosis requires Gal-3 in a subset of patient-derived glioblastoma stem cells. <i>Communications Biology</i> , 2021, 4, 718. | 4.4 | 14 |
| 8 | Concurrent mutations in RNA-dependent RNA polymerase and spike protein emerged as the epidemiologically most successful SARS-CoV-2 variant. <i>Scientific Reports</i> , 2021, 11, 13705. | 3.3 | 45 |
| 9 | Local Cisplatin Delivery in Mouse Reliably Models Sensorineural Ototoxicity Without Systemic Adverse Effects. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 701783. | 3.7 | 4 |
| 10 | Novel Mechanism for an Old Drug: Phenazopyridine is a Kinase Inhibitor Affecting Autophagy and Cellular Differentiation. <i>Frontiers in Pharmacology</i> , 2021, 12, 664608. | 3.5 | 5 |
| 11 | Hydrogen Peroxide Affects Growth of <i>S. aureus</i> Through Downregulation of Genes Involved in Pyrimidine Biosynthesis. <i>Frontiers in Immunology</i> , 2021, 12, 673985. | 4.8 | 10 |
| 12 | Dual NADPH oxidases DUOX1 and DUOX2 synthesize NAADP and are necessary for Ca ²⁺ signaling during T cell activation. <i>Science Signaling</i> , 2021, 14, eabe3800. | 3.6 | 28 |
| 13 | Di-Tyrosine Crosslinking and NOX4 Expression as Oxidative Pathological Markers in the Lungs of Patients with Idiopathic Pulmonary Fibrosis. <i>Antioxidants</i> , 2021, 10, 1833. | 5.1 | 3 |
| 14 | Fate of systemically and locally administered adipose-derived mesenchymal stromal cells and their effect on wound healing. <i>Stem Cells Translational Medicine</i> , 2020, 9, 131-144. | 3.3 | 38 |
| 15 | Generation of human induced pluripotent stem cell line UNIGEi003-A from skin fibroblasts of an apparently healthy male donor. <i>Stem Cell Research</i> , 2020, 48, 101928. | 0.7 | 3 |
| 16 | Induced Pluripotent Stem Cells to Understand Mucopolysaccharidosis. I: Demonstration of a Migration Defect in Neural Precursors. <i>Cells</i> , 2020, 9, 2593. | 4.1 | 4 |
| 17 | Intrinsically Self-renewing Neuroprogenitors From the A/J Mouse Spiral Ganglion as Virtually Unlimited Source of Mature Auditory Neurons. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 395. | 3.7 | 8 |
| 18 | Redox activation of excitatory pathways in auditory neurons as mechanism of age-related hearing loss. <i>Redox Biology</i> , 2020, 30, 101434. | 9.0 | 40 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Modeling Poliovirus Infection Using Human Engineered Neural Tissue Enriched With Motor Neuron Derived From Embryonic Stem Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 593106. | 3.7 | 0 |
| 20 | Pharmacological characterization of the seven human NOX isoforms and their inhibitors. <i>Redox Biology</i> , 2019, 26, 101272. | 9.0 | 136 |
| 21 | Generation of human induced pluripotent stem cell line UNIGEi001-A from a 2-years old patient with Mucopolysaccharidosis type IH disease. <i>Stem Cell Research</i> , 2019, 41, 101604. | 0.7 | 5 |
| 22 | Navigating in vitro bioactivity data by investigating available resources using model compounds. <i>Scientific Data</i> , 2019, 6, 45. | 5.3 | 1 |
| 23 | Technology for the prevention of antimicrobial resistance and healthcare-associated infections; 2017 Geneva IPC-Think Tank (Part 2). <i>Antimicrobial Resistance and Infection Control</i> , 2019, 8, 83. | 4.1 | 7 |
| 24 | Mammalian NADPH Oxidases. <i>Methods in Molecular Biology</i> , 2019, 1982, 17-36. | 0.9 | 86 |
| 25 | Poly-Lactic Acid-Based Biopolymer Formulations Are Safe for Sustained Intratympanic Dexamethasone Delivery. <i>Otology and Neurotology</i> , 2019, 40, e739-e746. | 1.3 | 8 |
| 26 | NADPH Oxidase 4 Regulates Inflammation in Ischemic Heart Failure: Role of Soluble Epoxide Hydrolase. <i>Antioxidants and Redox Signaling</i> , 2019, 31, 39-58. | 5.4 | 24 |
| 27 | Viral chimeras decrypt the role of enterovirus capsid proteins in viral tropism, acid sensitivity and optimal growth temperature. <i>PLoS Pathogens</i> , 2018, 14, e1006962. | 4.7 | 30 |
| 28 | Altered Humoral Immune Responses and IgG Subtypes in NOX2-Deficient Mice and Patients: A Key Role for NOX2 in Antigen-Presenting Cells. <i>Frontiers in Immunology</i> , 2018, 9, 1555. | 4.8 | 18 |
| 29 | <i>Staphylococcus aureus</i> , phagocyte NADPH oxidase and chronic granulomatous disease. <i>FEMS Microbiology Reviews</i> , 2017, 41, fuw042. | 8.6 | 56 |
| 30 | Fingerprinting of neurotoxic compounds using a mouse embryonic stem cell dual luminescence reporter assay. <i>Archives of Toxicology</i> , 2017, 91, 365-391. | 4.2 | 16 |
| 31 | 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> , 2017, 13, 94-162. | 9.0 | 242 |
| 32 | NADPH oxidases as drug targets and biomarkers in neurodegenerative diseases: What is the evidence?. <i>Free Radical Biology and Medicine</i> , 2017, 112, 387-396. | 2.9 | 88 |
| 33 | Decreased NOX2 expression in the brain of patients with bipolar disorder: association with valproic acid prescription and substance abuse. <i>Translational Psychiatry</i> , 2017, 7, e1206-e1206. | 4.8 | 23 |
| 34 | Glut3 Addiction Is a Druggable Vulnerability for a Molecularly Defined Subpopulation of Glioblastoma. <i>Cancer Cell</i> , 2017, 32, 856-868.e5. | 16.8 | 121 |
| 35 | Comparison of 2D and 3D neural induction methods for the generation of neural progenitor cells from human induced pluripotent stem cells. <i>Stem Cell Research</i> , 2017, 25, 139-151. | 0.7 | 95 |
| 36 | Transcription factor NRF2 controls the fate of neural stem cells in the subgranular zone of the hippocampus. <i>Redox Biology</i> , 2017, 13, 393-401. | 9.0 | 69 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | Decreased neural precursor cell pool in NADPH oxidase 2-deficiency: From mouse brain to neural differentiation of patient derived iPSC. <i>Redox Biology</i> , 2017, 13, 82-93. | 9.0 | 25 |
| 38 | Elimination of proliferating cells from CNS grafts using a Ki67 promoter-driven thymidine kinase. <i>Molecular Therapy - Methods and Clinical Development</i> , 2016, 3, 16069. | 4.1 | 19 |
| 39 | Evaluation of NADPH oxidases as drug targets in a mouse model of familial amyotrophic lateral sclerosis. <i>Free Radical Biology and Medicine</i> , 2016, 97, 95-108. | 2.9 | 47 |
| 40 | NADPH oxidase 4 deficiency leads to impaired wound repair and reduced dityrosine-crosslinking, but does not affect myofibroblast formation. <i>Free Radical Biology and Medicine</i> , 2016, 96, 374-384. | 2.9 | 36 |
| 41 | A 3D printed microfluidic device for production of functionalized hydrogel microcapsules for culture and differentiation of human Neuronal Stem Cells (hNSC). <i>Lab on A Chip</i> , 2016, 16, 1593-1604. | 6.0 | 121 |
| 42 | Phagocyte NADPH oxidase and specific immunity. <i>Clinical Science</i> , 2015, 128, 635-648. | 4.3 | 76 |
| 43 | A subset of N-substituted phenothiazines inhibits NADPH oxidases. <i>Free Radical Biology and Medicine</i> , 2015, 86, 239-249. | 2.9 | 38 |
| 44 | Human three-dimensional engineered neural tissue reveals cellular and molecular events following cytomegalovirus infection. <i>Biomaterials</i> , 2015, 53, 296-308. | 11.4 | 18 |
| 45 | 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> , 2015, 89, 6761-6772. | 3.4 | 30 |
| 46 | Reactive Oxygen-Related Diseases: Therapeutic Targets and Emerging Clinical Indications. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 1171-1185. | 5.4 | 120 |
| 47 | Voltage-Gated Proton Channels as Novel Drug Targets: From NADPH Oxidase Regulation to Sperm Biology. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 490-513. | 5.4 | 49 |
| 48 | Macrophage-specific NOX2 contributes to the development of lung emphysema through modulation of SIRT1/MMP9 pathways. <i>Journal of Pathology</i> , 2015, 235, 65-78. | 4.5 | 51 |
| 49 | NOX3-TARGETED THERAPIES FOR INNER EAR PATHOLOGIES. <i>Current Pharmaceutical Design</i> , 2015, 21, 5977-5987. | 1.9 | 34 |
| 50 | Optimization of Critical Hairpin Features Allows miRNA-based Gene Knockdown Upon Single-copy Transduction. <i>Molecular Therapy - Nucleic Acids</i> , 2014, 3, e207. | 5.1 | 17 |
| 51 | Bacillus Calmette-Guerin Infection in NADPH Oxidase Deficiency: Defective Mycobacterial Sequestration and Granuloma Formation. <i>PLoS Pathogens</i> , 2014, 10, e1004325. | 4.7 | 27 |
| 52 | Comprehensive metagenomic analysis of glioblastoma reveals absence of known virus despite antiviral-like type I interferon gene response. <i>International Journal of Cancer</i> , 2014, 135, 1381-1389. | 5.1 | 35 |
| 53 | Screening of Bioactive Peptides Using an Embryonic Stem Cell-Based Neurodifferentiation Assay. <i>AAPS Journal</i> , 2014, 16, 400-412. | 4.4 | 10 |
| 54 | Engineering of Midbrain Organoids Containing Long-Lived Dopaminergic Neurons. <i>Stem Cells and Development</i> , 2014, 23, 1535-1547. | 2.1 | 95 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 55 | New Insights on <i>NOX</i> Enzymes in the Central Nervous System. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 2815-2837. | 5.4 | 234 |
| 56 | Profiling of drugs and environmental chemicals for functional impairment of neural crest migration in a novel stem cell-based test battery. <i>Archives of Toxicology</i> , 2014, 88, 1109-26. | 4.2 | 62 |
| 57 | Optimized Generation of Functional Neutrophils and Macrophages from Patient-Specific Induced Pluripotent Stem Cells: <i>Ex Vivo</i> Models of X-Linked, AR22- and AR47- Chronic Granulomatous Diseases. <i>BioResearch Open Access</i> , 2014, 3, 311-326. | 2.6 | 30 |
| 58 | HIV-1 Tat C modulates NOX2 and NOX4 expressions through miR-17 in a human microglial cell line. <i>Journal of Neurochemistry</i> , 2014, 131, 803-815. | 3.9 | 40 |
| 59 | Phagocyte NADPH oxidase, chronic granulomatous disease and mycobacterial infections. <i>Cellular Microbiology</i> , 2014, 16, 1168-1178. | 2.1 | 101 |
| 60 | NOX1 is responsible for cell death through STAT3 activation in hyperoxia and is associated with the pathogenesis of acute respiratory distress syndrome. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 537-51. | 0.5 | 12 |
| 61 | The relationship between brain tumor cell invasion of engineered neural tissues and <i>in vivo</i> features of glioblastoma. <i>Biomaterials</i> , 2013, 34, 8279-8290. | 11.4 | 20 |
| 62 | Neuroendocrine Profile in a Rat Model of Psychosocial Stress: Relation to Oxidative Stress. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 1385-1399. | 5.4 | 84 |
| 63 | Monocrotophos in Gandaman village: India school lunch deaths and need for improved toxicity testing. <i>Archives of Toxicology</i> , 2013, 87, 1877-1881. | 4.2 | 30 |
| 64 | Test systems of developmental toxicity: state-of-the art and future perspectives. <i>Archives of Toxicology</i> , 2013, 87, 2037-2042. | 4.2 | 29 |
| 65 | Role of NADPH oxidase isoforms NOX1, NOX2 and NOX4 in myocardial ischemia/reperfusion injury. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 64, 99-107. | 1.9 | 129 |
| 66 | Human embryonic stem cell-derived test systems for developmental neurotoxicity: a transcriptomics approach. <i>Archives of Toxicology</i> , 2013, 87, 123-143. | 4.2 | 222 |
| 67 | Optimization of X-linked chronic granulomatous disease modelization by using patient-specific induced pluripotent stem cells. <i>Experimental Hematology</i> , 2013, 41, S28. | 0.4 | 0 |
| 68 | Severe Life Stress and Oxidative Stress in the Brain: From Animal Models to Human Pathology. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 1475-1490. | 5.4 | 264 |
| 69 | Quinone compounds regulate the level of ROS production by the NADPH oxidase Nox4. <i>Biochemical Pharmacology</i> , 2013, 85, 1644-1654. | 4.4 | 32 |
| 70 | Embryonic Stem Cell-Based Screen for Small Molecules: Cluster Analysis Reveals Four Response Patterns in Developing Neural Cells. <i>Current Medicinal Chemistry</i> , 2013, 20, 710-723. | 2.4 | 15 |
| 71 | Molecular Imaging Reveals Rapid Reduction of Endothelial Activation in Early Atherosclerosis With Apocynin Independent of Antioxidative Properties. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2187-2192. | 2.4 | 37 |
| 72 | The NADPH oxidase Nox2 regulates VEGFR1/CSF-1R-mediated microglial chemotaxis and promotes early postnatal infiltration of phagocytes in the subventricular zone of the mouse cerebral cortex. <i>Glia</i> , 2013, 61, 1542-1555. | 4.9 | 41 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 73 | Evolution of the Ferric Reductase Domain (FRD) Superfamily: Modularity, Functional Diversification, and Signature Motifs. <i>PLoS ONE</i> , 2013, 8, e58126. | 2.5 | 68 |
| 74 | Reactive oxygen species: from health to disease. <i>Swiss Medical Weekly</i> , 2012, 142, w13659. | 1.6 | 611 |
| 75 | NADPH oxidase elevations in pyramidal neurons drive psychosocial stress-induced neuropathology. <i>Translational Psychiatry</i> , 2012, 2, e111-e111. | 4.8 | 64 |
| 76 | Detection of reactive oxygen species derived from the family of NOX NADPH oxidases. <i>Free Radical Biology and Medicine</i> , 2012, 53, 1903-1918. | 2.9 | 130 |
| 77 | Activation of TRPC6 channels is essential for lung ischaemiaâ€“reperfusion induced oedema in mice. <i>Nature Communications</i> , 2012, 3, 649. | 12.8 | 162 |
| 78 | The miR 302-367 cluster drastically affects self-renewal and infiltration properties of glioma-initiating cells through CXCR4 repression and consequent disruption of the SHH-GLI-NANOG network. <i>Cell Death and Differentiation</i> , 2012, 19, 232-244. | 11.2 | 165 |
| 79 | Diabetes, comorbidities and increased long-term mortality in older patients admitted for geriatric inpatient care. <i>Diabetes and Metabolism</i> , 2012, 38, 149-155. | 2.9 | 16 |
| 80 | NADPH-Oxidase 4 Protects against Kidney Fibrosis during Chronic Renal Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2012, 23, 1967-1976. | 6.1 | 131 |
| 81 | Deficiency in the NADPH oxidase 4 predisposes towards diet-induced obesity. <i>International Journal of Obesity</i> , 2012, 36, 1503-1513. | 3.4 | 70 |
| 82 | Prospective Comparison of 6Â“Comorbidity Indices as Predictors of 1-Year Post-Hospital Discharge Institutionalization, Readmission, and Mortality in Elderly Individuals. <i>Journal of the American Medical Directors Association</i> , 2012, 13, 272-278. | 2.5 | 64 |
| 83 | NADPH Oxidase NOX2 Defines a New Antagonistic Role for Reactive Oxygen Species and cAMP/PKA in the Regulation of Insulin Secretion. <i>Diabetes</i> , 2012, 61, 2842-2850. | 0.6 | 100 |
| 84 | Generation and Applications of Human Pluripotent Stem Cells Induced into Neural Lineages and Neural Tissues. <i>Frontiers in Physiology</i> , 2012, 3, 47. | 2.8 | 14 |
| 85 | Hyperinflammation of chronic granulomatous disease is abolished by NOX2 reconstitution in macrophages and dendritic cells. <i>Journal of Pathology</i> , 2012, 228, 341-350. | 4.5 | 57 |
| 86 | Haplotype-Based Banking of Human Pluripotent Stem Cells for Transplantation: Potential and Limitations. <i>Stem Cells and Development</i> , 2012, 21, 2364-2373. | 2.1 | 60 |
| 87 | NOX enzymes as drug targets. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 2279-2282. | 5.4 | 21 |
| 88 | Targeting NOX enzymes in the central nervous system: therapeutic opportunities. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 2387-2407. | 5.4 | 68 |
| 89 | Telomere length, comorbidity, functional, nutritional and cognitive status as predictors of 5 years post hospital discharge survival in the oldest old. <i>Journal of Nutrition, Health and Aging</i> , 2012, 16, 225-230. | 3.3 | 8 |
| 90 | NOX5: from basic biology to signaling and disease. <i>Free Radical Biology and Medicine</i> , 2012, 52, 725-734. | 2.9 | 102 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 91 | Cellular diversity within embryonic stem cells: pluripotent clonal sublines show distinct differentiation potential. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 456-467. | 3.6 | 16 |
| 92 | Extensive Natural Variation for Cellular Hydrogen Peroxide Release Is Genetically Controlled. <i>PLoS ONE</i> , 2012, 7, e43566. | 2.5 | 5 |
| 93 | TNF- α blockade in chronic granulomatous disease-induced hyperinflammation: Patient analysis and murine model. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 675-677.e4. | 2.9 | 21 |
| 94 | A Key Role for NOX4 in Epithelial Cell Death During Development of Lung Fibrosis. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 607-619. | 5.4 | 249 |
| 95 | Mild cognitive impairment, degenerative and vascular dementia as predictors of intra-hospital, short- and long-term mortality in the oldest old. <i>Aging Clinical and Experimental Research</i> , 2011, 23, 60-66. | 2.9 | 13 |
| 96 | The chemokine receptor CCR5 in the central nervous system. <i>Progress in Neurobiology</i> , 2011, 93, 297-311. | 5.7 | 86 |
| 97 | Targeting Vascular NADPH Oxidase 1 Blocks Tumor Angiogenesis through a PPAR α Mediated Mechanism. <i>PLoS ONE</i> , 2011, 6, e14665. | 2.5 | 128 |
| 98 | Production of the plasma-cell survival factor a proliferation-inducing ligand (APRIL) peaks in myeloid precursor cells from human bone marrow. <i>Blood</i> , 2011, 118, 1838-1844. | 1.4 | 85 |
| 99 | NADPH oxidase (NOX) isoforms are inhibited by celastrol with a dual mode of action. <i>British Journal of Pharmacology</i> , 2011, 164, 507-520. | 5.4 | 105 |
| 100 | NOX-4 is expressed in thickened pulmonary arteries in idiopathic pulmonary fibrosis. <i>Nature Medicine</i> , 2011, 17, 31-32. | 30.7 | 34 |
| 101 | Primate-specific RFPL1 gene controls cell-cycle progression through cyclin B1/Cdc2 degradation. <i>Cell Death and Differentiation</i> , 2011, 18, 293-303. | 11.2 | 13 |
| 102 | Stem cell sources for regenerative medicine: the immunological point of view. <i>Seminars in Immunopathology</i> , 2011, 33, 519-524. | 6.1 | 28 |
| 103 | High Levels of Comorbidity and Disability Cancel Out the Dementia Effect in Predictions of Long-Term Mortality after Discharge in the Very Old. <i>Dementia and Geriatric Cognitive Disorders</i> , 2011, 32, 103-110. | 1.5 | 15 |
| 104 | Isoform- and dose-sensitive feedback interactions between paired box 6 gene and β -catenin in cell differentiation and death. <i>Experimental Cell Research</i> , 2010, 316, 1070-1081. | 2.6 | 15 |
| 105 | Increased brain damage after ischaemic stroke in mice lacking the chemokine receptor CCR5. <i>British Journal of Pharmacology</i> , 2010, 160, 311-321. | 5.4 | 58 |
| 106 | NADPH Oxidase 1 Modulates WNT and NOTCH1 Signaling To Control the Fate of Proliferative Progenitor Cells in the Colon. <i>Molecular and Cellular Biology</i> , 2010, 30, 2636-2650. | 2.3 | 175 |
| 107 | Nicotinamide Adenine Dinucleotide Phosphate Reduced Oxidase 5 (Nox5) Regulation by Angiotensin II and Endothelin-1 Is Mediated via Calcium/Calmodulin-Dependent, Rac-1-Independent Pathways in Human Endothelial Cells. <i>Circulation Research</i> , 2010, 106, 1363-1373. | 4.5 | 167 |
| 108 | Calnexin Deficiency Leads to Dysmyelination. <i>Journal of Biological Chemistry</i> , 2010, 285, 18928-18938. | 3.4 | 62 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Invasive microsporidiosis in allogeneic haematopoietic SCT recipients. <i>Bone Marrow Transplantation</i> , 2010, 45, 1249-1251. | 2.4 | 11 |
| 110 | Prospective Comparison of Six Co-Morbidity Indices As Predictors of 5 Years Post Hospital Discharge Survival in the Elderly. <i>Rejuvenation Research</i> , 2010, 13, 675-682. | 1.8 | 35 |
| 111 | The NADPH Oxidase NOX2 Controls Glutamate Release: A Novel Mechanism Involved in Psychosis-Like Ketamine Responses. <i>Journal of Neuroscience</i> , 2010, 30, 11317-11325. | 3.6 | 85 |
| 112 | Nox Activator 1. <i>Circulation</i> , 2010, 121, 549-559. | 1.6 | 99 |
| 113 | Telomere length and ApoE polymorphism in mild cognitive impairment, degenerative and vascular dementia. <i>Journal of the Neurological Sciences</i> , 2010, 299, 108-111. | 0.6 | 50 |
| 114 | Geriatrics index of comorbidity was the most accurate predictor of death in geriatric hospital among six comorbidity scores. <i>Journal of Clinical Epidemiology</i> , 2010, 63, 1036-1044. | 5.0 | 60 |
| 115 | Telomere length is not predictive of dementia or MCI conversion in the oldest old. <i>Neurobiology of Aging</i> , 2010, 31, 719-720. | 3.1 | 51 |
| 116 | Markers of murine embryonic and neural stem cells, neurons and astrocytes: reference points for developmental neurotoxicity testing. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2010, 27, 17-42. | 1.5 | 83 |
| 117 | Distinct Roles of BARD1 Isoforms in Mitosis: Full-Length BARD1 Mediates Aurora B Degradation, Cancer-Associated BARD1 ^{Δ2} Scaffolds Aurora B and BRCA2. <i>Cancer Research</i> , 2009, 69, 1125-1134. | 0.9 | 79 |
| 118 | NADPH Oxidase 1 Deficiency Alters Caveolin Phosphorylation and Angiotensin II Receptor Localization in Vascular Smooth Muscle. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 2371-2384. | 5.4 | 36 |
| 119 | NOX4 Expression in Human Microglia Leads to Constitutive Generation of Reactive Oxygen Species and to Constitutive IL-6 Expression. <i>Journal of Innate Immunity</i> , 2009, 1, 570-581. | 3.8 | 60 |
| 120 | NADPH Oxidase-1 Plays a Crucial Role in Hyperoxia-induced Acute Lung Injury in Mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 972-981. | 5.6 | 134 |
| 121 | Mechanisms of Vascular Smooth Muscle NADPH Oxidase 1 (Nox1) Contribution to Injury-Induced Neointimal Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 480-487. | 2.4 | 211 |
| 122 | Phenazopyridine induces and synchronizes neuronal differentiation of embryonic stem cells. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 3517-3527. | 3.6 | 20 |
| 123 | Neural progenitors derived from human embryonic stem cells are targeted by allogeneic T and natural killer cells. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 3556-3569. | 3.6 | 61 |
| 124 | Does dementia predict adverse hospitalization outcomes? A prospective study in aged inpatients. <i>International Journal of Geriatric Psychiatry</i> , 2009, 24, 283-291. | 2.7 | 98 |
| 125 | Three common polymorphisms in the <i>CYBA</i> gene form a haplotype associated with decreased ROS generation. <i>Human Mutation</i> , 2009, 30, 1123-1133. | 2.5 | 54 |
| 126 | Dissemination of intraperitoneal ovarian cancer: Discussion of mechanisms and demonstration of lymphatic spreading in ovarian cancer model. <i>Critical Reviews in Oncology/Hematology</i> , 2009, 72, 1-9. | 4.4 | 48 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Pluripotent stem cells as new drugs? The example of Parkinson's disease. International Journal of Pharmaceutics, 2009, 381, 113-121. | 5.2 | 20 |
| 128 | A Sox1 to Pax6 Switch Drives Neuroectoderm to Radial Glia Progression During Differentiation of Mouse Embryonic Stem Cells. Stem Cells, 2009, 27, 49-58. | 3.2 | 94 |
| 129 | Involvement of NOX2 in the Development of Behavioral and Pathologic Alterations in Isolated Rats. Biological Psychiatry, 2009, 66, 384-392. | 1.3 | 190 |
| 130 | NOX Enzymes in the Central Nervous System: From Signaling to Disease. Antioxidants and Redox Signaling, 2009, 11, 2481-2504. | 5.4 | 408 |
| 131 | Small-Molecule NOX Inhibitors: ROS-Generating NADPH Oxidases as Therapeutic Targets. Antioxidants and Redox Signaling, 2009, 11, 2535-2552. | 5.4 | 233 |
| 132 | Development of Human Nervous Tissue upon Differentiation of Embryonic Stem Cells in Three-Dimensional Culture. Stem Cells, 2009, 27, 509-520. | 3.2 | 34 |
| 133 | Hyperinflammation in chronic granulomatous disease and anti-inflammatory role of the phagocyte NADPH oxidase. Seminars in Immunopathology, 2008, 30, 255-271. | 6.1 | 148 |
| 134 | NOX enzymes as novel targets for drug development. Seminars in Immunopathology, 2008, 30, 339-363. | 6.1 | 187 |
| 135 | NOX enzymes in immuno-inflammatory pathologies. Seminars in Immunopathology, 2008, 30, 193-194. | 6.1 | 35 |
| 136 | The NADPH oxidase NOX2 plays a role in periodontal pathologies. Seminars in Immunopathology, 2008, 30, 273-8. | 6.1 | 35 |
| 137 | A Pure Population of Ectodermal Cells Derived from Human Embryonic Stem Cells. Stem Cells, 2008, 26, 440-444. | 3.2 | 66 |
| 138 | Evolutionary Forces Shape the Human RFPL1,2,3 Genes toward a Role in Neocortex Development. American Journal of Human Genetics, 2008, 83, 208-218. | 6.2 | 29 |
| 139 | Regulation of NOX1 expression by GATA, HNF-1 α , and Cdx transcription factors. Free Radical Biology and Medicine, 2008, 44, 430-443. | 2.9 | 31 |
| 140 | NOX family NADPH oxidases in liver and in pancreatic islets: a role in the metabolic syndrome and diabetes?. Biochemical Society Transactions, 2008, 36, 920-929. | 3.4 | 117 |
| 141 | Neurotoxic Activation of Microglia Is Promoted by a Nox1-Dependent NADPH Oxidase. Journal of Neuroscience, 2008, 28, 12039-12051. | 3.6 | 191 |
| 142 | Demented versus non-demented very old inpatients: the same comorbidities but poorer functional and nutritional status. Age and Ageing, 2008, 37, 83-89. | 1.6 | 168 |
| 143 | Infektionskrankheiten im Alter. , 2008, , 1017-1029. | | 0 |
| 144 | The biological and ethical basis of the use of human embryonic stem cells for in vitro test systems or cell therapy. ALTEX: Alternatives To Animal Experimentation, 2008, 25, 163-90. | 1.5 | 27 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 145 | NOX1 Deficiency Protects From Aortic Dissection in Response to Angiotensin II. <i>Hypertension</i> , 2007, 50, 189-196. | 2.7 | 119 |
| 146 | Nox1 Mediates Basic Fibroblast Growth Factor-Induced Migration of Vascular Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 1736-1743. | 2.4 | 134 |
| 147 | Fetal bovine serum is essential for cardiac differentiation of human embryonic stem cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2007, 42, S91. | 1.9 | 0 |
| 148 | NOX family NADPH oxidases: Not just in mammals. <i>Biochimie</i> , 2007, 89, 1107-1112. | 2.6 | 269 |
| 149 | NOX5 is expressed at the plasma membrane and generates superoxide in response to protein kinase C activation. <i>Biochimie</i> , 2007, 89, 1159-1167. | 2.6 | 132 |
| 150 | The NOX Family of ROS-Generating NADPH Oxidases: Physiology and Pathophysiology. <i>Physiological Reviews</i> , 2007, 87, 245-313. | 28.8 | 5,781 |
| 151 | Expression and function of β -smooth muscle actin during embryonic-stem-cell-derived cardiomyocyte differentiation. <i>Journal of Cell Science</i> , 2007, 120, 229-238. | 2.0 | 75 |
| 152 | NOX4 activity is determined by mRNA levels and reveals a unique pattern of ROS generation. <i>Biochemical Journal</i> , 2007, 406, 105-114. | 3.7 | 553 |
| 153 | Fetal bovine serum enables cardiac differentiation of human embryonic stem cells. <i>Differentiation</i> , 2007, 75, 669-681. | 1.9 | 62 |
| 154 | Aging: A revisited theory based on free radicals generated by NOX family NADPH oxidases. <i>Experimental Gerontology</i> , 2007, 42, 256-262. | 2.8 | 164 |
| 155 | The NADPH Oxidase NOX4 Drives Cardiac Differentiation: Role in Regulating Cardiac Transcription Factors and MAP Kinase Activation. <i>Molecular Biology of the Cell</i> , 2006, 17, 3978-3988. | 2.1 | 254 |
| 156 | Decreased blood pressure in NOX1-deficient mice. <i>FEBS Letters</i> , 2006, 580, 497-504. | 2.8 | 273 |
| 157 | A key role for the microglial NADPH oxidase in APP-dependent killing of neurons. <i>Neurobiology of Aging</i> , 2006, 27, 1577-1587. | 3.1 | 90 |
| 158 | Microcebus murinus: a useful primate model for human cerebral aging and Alzheimer's disease?. <i>Genes, Brain and Behavior</i> , 2006, 5, 120-130. | 2.2 | 123 |
| 159 | Rapid Generation of Stable Transgenic Embryonic Stem Cell Lines Using Modular Lentivectors. <i>Stem Cells</i> , 2006, 24, 615-623. | 3.2 | 101 |
| 160 | Pax6-induced alteration of cell fate: Shape changes, expression of neuronal β -tubulin, postmitotic phenotype, and cell migration. <i>Journal of Neurobiology</i> , 2006, 66, 421-436. | 3.6 | 27 |
| 161 | Aberrant expression of BARD1 in breast and ovarian cancers with poor prognosis. <i>International Journal of Cancer</i> , 2006, 118, 1215-1226. | 5.1 | 63 |
| 162 | Procalcitonin and Infection in Elderly Patients. <i>Journal of the American Geriatrics Society</i> , 2005, 53, 1392-1395. | 2.6 | 78 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 163 | BARD1 induces apoptosis by catalysing phosphorylation of p53 by DNA-damage response kinase. <i>Oncogene</i> , 2005, 24, 3726-3736. | 5.9 | 72 |
| 164 | Expression of mRNA for ROS-generating NADPH oxidases in the aging stomach. <i>Experimental Gerontology</i> , 2005, 40, 353-357. | 2.8 | 36 |
| 165 | Expression and Activity of NOX5 in the Circulating Malignant B Cells of Hairy Cell Leukemia. <i>Journal of Immunology</i> , 2005, 175, 8424-8430. | 0.8 | 107 |
| 166 | Chemokine receptors in the central nervous system: role in brain inflammation and neurodegenerative diseases. <i>Brain Research Reviews</i> , 2005, 48, 16-42. | 9.0 | 455 |
| 167 | BARD1 Expression During Spermatogenesis Is Associated with Apoptosis and Hormonally Regulated1. <i>Biology of Reproduction</i> , 2004, 71, 1614-1624. | 2.7 | 31 |
| 168 | Cerebrospinal fluid tau and A β 242 concentrations in healthy subjects: delineation of reference intervals and their limitations. <i>Clinical Chemistry and Laboratory Medicine</i> , 2004, 42, 396-407. | 2.3 | 12 |
| 169 | NOX3, a Superoxide-generating NADPH Oxidase of the Inner Ear. <i>Journal of Biological Chemistry</i> , 2004, 279, 46065-46072. | 3.4 | 377 |
| 170 | Mechanism of Ca ²⁺ Activation of the NADPH Oxidase 5 (NOX5). <i>Journal of Biological Chemistry</i> , 2004, 279, 18583-18591. | 3.4 | 333 |
| 171 | Nuclear-cytoplasmic translocation of BARD1 is linked to its apoptotic activity. <i>Oncogene</i> , 2004, 23, 3509-3520. | 5.9 | 54 |
| 172 | Ageing and Infectious Diseases in the Developing World. <i>Clinical Infectious Diseases</i> , 2004, 39, 83-91. | 5.8 | 167 |
| 173 | Pneumonia in the very old. <i>Lancet Infectious Diseases</i> , The, 2004, 4, 112-124. | 9.1 | 396 |
| 174 | Pneumonies chez les patients âgés en fin de vie. <i>Revue Internationale De Soins Palliatifs</i> , 2004, Vol. 19, 149-153. | 0.0 | 0 |
| 175 | Tissue distribution and putative physiological function of NOX family NADPH oxidases. <i>Japanese Journal of Infectious Diseases</i> , 2004, 57, S28-9. | 1.2 | 142 |
| 176 | A Role for NOX NADPH Oxidases in Alzheimer's Disease and Other Types of Dementia?. <i>IUBMB Life</i> , 2003, 55, 307-313. | 3.4 | 103 |
| 177 | Chemokine-induced cell death in CCR5-expressing neuroblastoma cells. <i>Journal of Neuroimmunology</i> , 2003, 145, 27-39. | 2.3 | 25 |
| 178 | Successful Treatment of Disseminated Tuberculosis and Acquired Immunodeficiency Syndrome in an 81-y-old Woman. <i>Scandinavian Journal of Infectious Diseases</i> , 2003, 35, 419-421. | 1.5 | 4 |
| 179 | Two Novel Proteins Activate Superoxide Generation by the NADPH Oxidase NOX1. <i>Journal of Biological Chemistry</i> , 2003, 278, 3510-3513. | 3.4 | 430 |
| 180 | NOX Family NADPH Oxidases. <i>Journal of General Physiology</i> , 2002, 120, 781-786. | 1.9 | 27 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 181 | The HIV-1 Nef Protein and Phagocyte NADPH Oxidase Activation. <i>Journal of Biological Chemistry</i> , 2002, 277, 42136-42143. | 3.4 | 81 |
| 182 | Calreticulin reveals a critical Ca ²⁺ checkpoint in cardiac myofibrillogenesis. <i>Journal of Cell Biology</i> , 2002, 158, 103-113. | 5.2 | 83 |
| 183 | Ageing and infection. <i>Lancet Infectious Diseases</i> , The, 2002, 2, 659-666. | 9.1 | 837 |
| 184 | Regulation of Calreticulin Expression during Induction of Differentiation in Human Myeloid Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 32369-32378. | 3.4 | 19 |
| 185 | Expression of an $\alpha 7$ duplicate nicotinic acetylcholine receptor-related protein in human leukocytes. <i>Journal of Neuroimmunology</i> , 2002, 126, 86-98. | 2.3 | 84 |
| 186 | Nanoscale liquid chromatography and capillary electrophoresis coupled to electrospray mass spectrometry for the detection of amyloid- β peptide related to Alzheimer's disease. <i>Journal of Chromatography A</i> , 2002, 974, 135-142. | 3.7 | 51 |
| 187 | The PDZ-interacting domain of TRPC4 controls its localization and surface expression in HEK293 cells. <i>Journal of Cell Science</i> , 2002, 115, 3497-3508. | 2.0 | 109 |
| 188 | The PDZ-interacting domain of TRPC4 controls its localization and surface expression in HEK293 cells. <i>Journal of Cell Science</i> , 2002, 115, 3497-508. | 2.0 | 100 |
| 189 | Identification of BARD1 as Mediator between Proapoptotic Stress and p53-Dependent Apoptosis. <i>Molecular Cell</i> , 2001, 8, 1255-1266. | 9.7 | 110 |
| 190 | Alternative splice variants of hTrp4 differentially interact with the C-terminal portion of the inositol 1,4,5-trisphosphate receptors. <i>FEBS Letters</i> , 2001, 487, 377-383. | 2.8 | 68 |
| 191 | Heme Histidine Ligands within gp91 Modulate Proton Conduction by the Phagocyte NADPH Oxidase. <i>Journal of Biological Chemistry</i> , 2001, 276, 30277-30284. | 3.4 | 55 |
| 192 | A Ca ²⁺ -activated NADPH Oxidase in Testis, Spleen, and Lymph Nodes. <i>Journal of Biological Chemistry</i> , 2001, 276, 37594-37601. | 3.4 | 526 |
| 193 | Functional specialization of calreticulin domains. <i>Journal of Cell Biology</i> , 2001, 154, 961-972. | 5.2 | 265 |
| 194 | Heterologously Expressed <i>Staphylococcus aureus</i> Fibronectin-Binding Proteins Are Sufficient for Invasion of Host Cells. <i>Infection and Immunity</i> , 2000, 68, 6871-6878. | 2.2 | 220 |
| 195 | Selective Inhibition of IgG-Mediated Phagocytosis in Gelsolin-Deficient Murine Neutrophils. <i>Journal of Immunology</i> , 2000, 165, 2451-2457. | 0.8 | 76 |
| 196 | Bcl-2 decreases the free Ca ²⁺ concentration within the endoplasmic reticulum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 5723-5728. | 7.1 | 402 |
| 197 | Is <i>Staphylococcus aureus</i> an intracellular pathogen? Response. <i>Trends in Microbiology</i> , 2000, 8, 343-344. | 7.7 | 11 |
| 198 | A Mammalian H ⁺ Channel Generated Through Alternative Splicing of the NADPH Oxidase Homolog <i>NOX-1</i> . <i>Science</i> , 2000, 287, 138-142. | 12.6 | 276 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 199 | A Novel H ⁺ Conductance in Eosinophils. <i>Journal of Experimental Medicine</i> , 1999, 190, 183-194. | 8.5 | 122 |
| 200 | Vitronectin Interaction with Glycosaminoglycans. <i>Journal of Biological Chemistry</i> , 1999, 274, 37611-37619. | 3.4 | 34 |
| 201 | Calreticulin Is Essential for Cardiac Development. <i>Journal of Cell Biology</i> , 1999, 144, 857-868. | 5.2 | 467 |
| 202 | Ca ²⁺ Regulation of Interactions between Endoplasmic Reticulum Chaperones. <i>Journal of Biological Chemistry</i> , 1999, 274, 6203-6211. | 3.4 | 186 |
| 203 | The HIV Nef Protein Alters Ca ²⁺ Signaling in Myelomonocytic Cells through SH3-mediated Protein-Protein Interactions. <i>Journal of Biological Chemistry</i> , 1999, 274, 34765-34772. | 3.4 | 33 |
| 204 | Fibronectin-binding protein acts as <i>Staphylococcus aureus</i> invasin via fibronectin bridging to integrin alpha5beta1. <i>Cellular Microbiology</i> , 1999, 1, 101-117. | 2.1 | 505 |
| 205 | Ca ²⁺ -induced exocytosis in individual human neutrophils: high- and low-affinity granule populations and submaximal responses. <i>EMBO Journal</i> , 1998, 17, 1279-1288. | 7.8 | 55 |
| 206 | Electron currents generated by the human phagocyte NADPH oxidase. <i>Nature</i> , 1998, 392, 734-737. | 27.8 | 184 |
| 207 | Aerolysin Induces G-protein Activation and Ca ²⁺ Release from Intracellular Stores in Human Granulocytes. <i>Journal of Biological Chemistry</i> , 1998, 273, 18122-18129. | 3.4 | 71 |
| 208 | Nef-mediated Clathrin-coated Pit Formation. <i>Journal of Cell Biology</i> , 1997, 139, 37-47. | 5.2 | 102 |
| 209 | Store-operated Ca ²⁺ Influx and Stimulation of Exocytosis in HL-60 Granulocytes. <i>Journal of Biological Chemistry</i> , 1997, 272, 28360-28367. | 3.4 | 44 |
| 210 | Chemoattractant-induced respiratory burst: increases in cytosolic Ca ²⁺ concentrations are essential and synergize with a kinetically distinct second signal. <i>Biochemical Journal</i> , 1997, 322, 709-718. | 3.7 | 66 |
| 211 | Organization of Ca ²⁺ stores in myeloid cells: association of SERCA2b and the type-1 inositol-1,4,5-trisphosphate receptor. <i>Biochemical Journal</i> , 1996, 316, 137-142. | 3.7 | 15 |
| 212 | Store-operated Ca ²⁺ influx: What is the message from the stores to the membrane?. <i>Translational Research</i> , 1996, 128, 19-26. | 2.3 | 37 |
| 213 | Overexpression of Calreticulin Increases Intracellular Ca ²⁺ Storage and Decreases Store-operated Ca ²⁺ Influx. <i>Journal of Biological Chemistry</i> , 1996, 271, 9332-9339. | 3.4 | 238 |
| 214 | Highly Supralinear Feedback Inhibition of Ca ²⁺ Uptake by the Ca ²⁺ Load of Intracellular Stores. <i>Journal of Biological Chemistry</i> , 1996, 271, 14925-14930. | 3.4 | 42 |
| 215 | Calreticulin and Ca ²⁺ Storage. <i>Molecular Biology Intelligence Unit</i> , 1996, , 59-76. | 0.2 | 2 |
| 216 | Highly cooperative Ca ²⁺ elevations in response to Ins(1,4,5)P ₃ microperfusion through a patch-clamp pipette. <i>Biophysical Journal</i> , 1995, 69, 2378-2391. | 0.5 | 10 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 217 | Redistribution of intracellular Ca ²⁺ stores during phagocytosis in human neutrophils. <i>Science</i> , 1994, 265, 1439-1441. | 12.6 | 141 |
| 218 | [26] Combination of microfluorimetric monitoring of cytosolic calcium and pH with patch clamp electrophysiological recordings in neutrophil granulocytes. <i>Methods in Enzymology</i> , 1994, 238, 308-320. | 1.0 | 4 |
| 219 | Inositol 1,4,5-trisphosphate binding sites copurify with the putative Ca-storage protein calreticulin in rat liver. <i>Cell Calcium</i> , 1993, 14, 485-492. | 2.4 | 28 |
| 220 | The calcium-binding protein calreticulin is a major constituent of lytic granules in cytolytic T lymphocytes.. <i>Journal of Experimental Medicine</i> , 1993, 177, 1-7. | 8.5 | 152 |
| 221 | Highly co-operative Ca ²⁺ activation of intermediate-conductance K ⁺ channels in granulocytes from a human cell line.. <i>Journal of Physiology</i> , 1993, 472, 373-390. | 2.9 | 22 |
| 222 | Proton channels, plasma membrane potential, and respiratory burst in human neutrophils. <i>European Journal of Haematology</i> , 1993, 51, 309-312. | 2.2 | 27 |
| 223 | s-cyclophilin is retained intracellularly via a unique COOH-terminal sequence and colocalizes with the calcium storage protein calreticulin.. <i>Journal of Cell Biology</i> , 1992, 116, 113-125. | 5.2 | 120 |
| 224 | Differential effects on neutrophil activation of staurosporin and its protein kinase C-selective derivative cgp 41231. <i>European Journal of Pharmacology</i> , 1992, 227, 221-224. | 2.6 | 10 |
| 225 | Regulation of Ca ²⁺ influx in myeloid cells. Role of plasma membrane potential, inositol phosphates, cytosolic free [Ca ²⁺], and filling state of intracellular Ca ²⁺ stores.. <i>Journal of Clinical Investigation</i> , 1992, 90, 830-839. | 8.2 | 41 |
| 226 | Ca ²⁺ -storage organelles. <i>FEBS Letters</i> , 1991, 285, 225-229. | 2.8 | 42 |
| 227 | The calcium signal and neutrophil activation. <i>Clinical Biochemistry</i> , 1990, 23, 159-166. | 1.9 | 72 |
| 228 | Voltage-dependent and Ca ²⁺ (+)-activated ion channels in human neutrophils.. <i>Journal of Clinical Investigation</i> , 1990, 85, 491-498. | 8.2 | 78 |
| 229 | Antibodies against the Calcium-Binding Protein. <i>Plant Physiology</i> , 1989, 91, 1259-1261. | 4.8 | 9 |
| 230 | Calciosome, a sarcoplasmic reticulum-like organelle involved in intracellular Ca ²⁺ -handling by non-muscle cells: Studies in human neutrophils and HL-60 cells. <i>Cell Calcium</i> , 1989, 10, 351-361. | 2.4 | 61 |
| 231 | Effect of cyclic adenosine monophosphate elevations on functional responses of polymorphonuclear leukocytes from patients with cystic fibrosis. <i>Pediatric Pulmonology</i> , 1989, 6, 237-241. | 2.0 | 2 |
| 232 | "Calciosome," a cytoplasmic organelle: the inositol 1,4,5-trisphosphate-sensitive Ca ²⁺ store of nonmuscle cells?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988, 85, 1091-1095. | 7.1 | 424 |
| 233 | Induction and circumvention of nitrate tolerance applying different dosage intervals. <i>American Journal of Medicine</i> , 1987, 83, 860-870. | 1.5 | 58 |
| 234 | Early Termination of a Prospective, Randomized Trial Comparing Teicoplanin and Flucloxacillin for Treating Severe Staphylococcal Infections. <i>Journal of Infectious Diseases</i> , 1987, 155, 187-191. | 4.0 | 129 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 235 | Subcellular distribution of Ca ²⁺ pumping sites in human neutrophils.. Journal of Clinical Investigation, 1987, 80, 107-116. | 8.2 | 57 |
| 236 | Leukotriene B4 stimulation of phagocytes results in the formation of inositol 1,4,5-trisphosphate A second messenger for Ca ²⁺ mobilization. Biochemical Journal, 1986, 240, 333-340. | 3.7 | 66 |
| 237 | Chemotactic peptide activation of human neutrophils and HL-60 cells. Pertussis toxin reveals correlation between inositol trisphosphate generation, calcium ion transients, and cellular activation.. Journal of Clinical Investigation, 1985, 76, 1348-1354. | 8.2 | 177 |
| 238 | Phenazopyridine induces and synchronizes neuronal differentiation of embryonic stem cells. Journal of Cellular and Molecular Medicine, 0, 13, 3517-3527. | 3.6 | 14 |