

Florian Lang

List of Publications by Year in descending order

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996
papers

64,216
citations

1799

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4226

174
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1004
all docs

1004
docs citations

1004
times ranked

39997
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Down-Regulation of Na ⁺ /K ⁺ ATPase Activity by Human Parvovirus B19 Capsid Protein VP1. Cellular Physiology and Biochemistry, 2013, 31, 638-648. | 1.6 | 7,499 |
| 2 | Regulation of the Voltage Gated K ⁺ Channel Kv1.3 by Recombinant Human Klotho Protein. Kidney and Blood Pressure Research, 2014, 39, 609-622. | 2.0 | 5,235 |
| 3 | Functional Significance of Cell Volume Regulatory Mechanisms. Physiological Reviews, 1998, 78, 247-306. | 28.8 | 1,706 |
| 4 | Skeinone-L, a Novel Potent and Highly Selective Inhibitor of p38 MAP Kinase, Effectively Impairs Platelet Activation and Thrombus Formation. Cellular Physiology and Biochemistry, 2013, 31, 914-924. | 1.6 | 1,301 |
| 5 | Sgk1-Dependent Stimulation of Cardiac Na ⁺ /H ⁺ Exchanger Nhe1 by Dexamethasone. Cellular Physiology and Biochemistry, 2013, 32, 25-38. | 1.6 | 654 |
| 6 | (Patho)physiological Significance of the Serum- and Glucocorticoid-Inducible Kinase Isoforms. Physiological Reviews, 2006, 86, 1151-1178. | 28.8 | 623 |
| 7 | Na ⁺ -glucose Cotransporter SGLT1 is Pivotal for Intestinal Glucose Absorption and Glucose-Dependent Incretin Secretion. Diabetes, 2012, 61, 187-196. | 0.6 | 550 |
| 8 | Ceramide accumulation mediates inflammation, cell death and infection susceptibility in cystic fibrosis. Nature Medicine, 2008, 14, 382-391. | 30.7 | 501 |
| 9 | FAS-induced apoptosis is mediated via a ceramide-initiated RAS signaling pathway. Immunity, 1995, 2, 341-351. | 14.3 | 421 |
| 10 | Liver cell death and anemia in Wilson disease involve acid sphingomyelinase and ceramide. Nature Medicine, 2007, 13, 164-170. | 30.7 | 406 |
| 11 | Role of Ca ²⁺ -activated K ⁺ channels in human erythrocyte apoptosis. American Journal of Physiology - Cell Physiology, 2003, 285, C1553-C1560. | 4.6 | 372 |
| 12 | Mechanisms and Significance of Cell Volume Regulation. Journal of the American College of Nutrition, 2007, 26, 613S-623S. | 1.8 | 347 |
| 13 | Mutations in GJB6 cause nonsyndromic autosomal dominant deafness at DFNA3 locus. Nature Genetics, 1999, 23, 16-18. | 21.4 | 345 |
| 14 | Mechanisms of Suicidal Erythrocyte Death. Cellular Physiology and Biochemistry, 2005, 15, 195-202. | 1.6 | 345 |
| 15 | GLUT1 mutations are a cause of paroxysmal exertion-induced dyskinesias and induce hemolytic anemia by a cation leak. Journal of Clinical Investigation, 2008, 118, 2157-2168. | 8.2 | 321 |
| 16 | Acidic Sphingomyelinase Mediates Entry of N. gonorrhoeae into Nonphagocytic Cells. Cell, 1997, 91, 605-615. | 28.9 | 307 |
| 17 | Function and structure of heterodimeric amino acid transporters. American Journal of Physiology - Cell Physiology, 2001, 281, C1077-C1093. | 4.6 | 304 |
| 18 | Exploitation of KESTREL to identify NDRG family members as physiological substrates for SGK1 and GSK3. Biochemical Journal, 2004, 384, 477-488. | 3.7 | 299 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | The Diversity of Volume Regulatory Mechanisms. <i>Cellular Physiology and Biochemistry</i> , 1998, 8, 1-45. | 1.6 | 296 |
| 20 | Fas- or Ceramide-induced Apoptosis Is Mediated by a Rac1-regulated Activation of Jun N-terminal Kinase/p38 Kinases and GADD153. <i>Journal of Biological Chemistry</i> , 1997, 272, 22173-22181. | 3.4 | 282 |
| 21 | Suicidal erythrocyte death in sepsis. <i>Journal of Molecular Medicine</i> , 2007, 85, 273-281. | 3.9 | 277 |
| 22 | Impaired renal Na ⁺ retention in the sgk1-knockout mouse. <i>Journal of Clinical Investigation</i> , 2002, 110, 1263-1268. | 8.2 | 271 |
| 23 | CD95/CD95 Ligand Interactions on Epithelial Cells in Host Defense to <i>Pseudomonas aeruginosa</i> . <i>Science</i> , 2000, 290, 527-530. | 12.6 | 248 |
| 24 | Killing me softly – Suicidal erythrocyte death. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 1236-1243. | 2.8 | 248 |
| 25 | Erythrocyte programmed cell death. <i>IUBMB Life</i> , 2008, 60, 661-668. | 3.4 | 247 |
| 26 | Eryptosis, a Window to Systemic Disease. <i>Cellular Physiology and Biochemistry</i> , 2008, 22, 373-380. | 1.6 | 228 |
| 27 | Expression and phosphorylation of the Na ⁺ -Cl ⁻ cotransporter NCC in vivo is regulated by dietary salt, potassium, and SGK1. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 297, F704-F712. | 2.7 | 225 |
| 28 | Cell Volume in the Regulation of Cell Proliferation and Apoptotic Cell Death. <i>Cellular Physiology and Biochemistry</i> , 2000, 10, 417-428. | 1.6 | 222 |
| 29 | Suicidal death of erythrocytes in recurrent hemolytic uremic syndrome. <i>Journal of Molecular Medicine</i> , 2006, 84, 378-388. | 3.9 | 222 |
| 30 | Enhanced programmed cell death of iron-deficient erythrocytes. <i>FASEB Journal</i> , 2006, 20, 368-370. | 0.5 | 219 |
| 31 | Dynamic adhesion of eryptotic erythrocytes to endothelial cells via CXCL16/SR-PSOX. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 302, C644-C651. | 4.6 | 218 |
| 32 | Mechanisms and Significance of Eryptosis. <i>Antioxidants and Redox Signaling</i> , 2006, 8, 1183-1192. | 5.4 | 217 |
| 33 | Functional significance of channels and transporters expressed in the inner ear and kidney. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 293, C1187-C1208. | 4.6 | 217 |
| 34 | Stimulation of Suicidal Erythrocyte Death by Methylglyoxal. <i>Cellular Physiology and Biochemistry</i> , 2006, 18, 223-232. | 1.6 | 212 |
| 35 | Oxidation induces a Cl ⁻ -dependent cation conductance in human red blood cells. <i>Journal of Physiology</i> , 2002, 539, 847-855. | 2.9 | 211 |
| 36 | Ceramide in Suicidal Death of Erythrocytes. <i>Cellular Physiology and Biochemistry</i> , 2010, 26, 21-28. | 1.6 | 211 |

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|----|--|------|-----------|
| 37 | Mechanisms and Significance of Eryptosis, the Suicidal Death of Erythrocytes. <i>Blood Purification</i> , 2012, 33, 125-130. | 1.8 | 210 |
| 38 | Tyrosine Phosphorylation-dependent Suppression of a Voltage-gated K ⁺ Channel in T Lymphocytes upon Fas Stimulation. <i>Journal of Biological Chemistry</i> , 1996, 271, 20465-20469. | 3.4 | 204 |
| 39 | Cell volume in the regulation of hepatic function: a mechanism for metabolic control. <i>BBA - Biomembranes</i> , 1991, 1071, 331-350. | 8.0 | 201 |
| 40 | Impaired renal Na ⁺ retention in the sgk1-knockout mouse. <i>Journal of Clinical Investigation</i> , 2002, 110, 1263-1268. | 8.2 | 196 |
| 41 | Protein kinase C mediates erythrocyte "programmed cell death" following glucose depletion. <i>American Journal of Physiology - Cell Physiology</i> , 2006, 290, C244-C253. | 4.6 | 188 |
| 42 | Regulation of erythrocyte survival by AMP-activated protein kinase. <i>FASEB Journal</i> , 2009, 23, 1072-1080. | 0.5 | 180 |
| 43 | Cell Volume Regulatory Ion Channels in Cell Proliferation and Cell Death. <i>Methods in Enzymology</i> , 2007, 428, 209-225. | 1.0 | 174 |
| 44 | Enhanced Erythrocyte Apoptosis in Sickle Cell Anemia, Thalassemia and Glucose-6-Phosphate Dehydrogenase Deficiency. <i>Cellular Physiology and Biochemistry</i> , 2002, 12, 365-372. | 1.6 | 173 |
| 45 | The Use of <i>Xenopus laevis</i> Oocytes for the Functional Characterization of Heterologously Expressed Membrane Proteins. <i>Cellular Physiology and Biochemistry</i> , 2000, 10, 1-12. | 1.6 | 168 |
| 46 | KCNQ1-dependent transport in renal and gastrointestinal epithelia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 17864-17869. | 7.1 | 167 |
| 47 | Glucocorticoid Activation of Na ⁺ /H ⁺ Exchanger Isoform 3 Revisited. <i>Journal of Biological Chemistry</i> , 2002, 277, 7676-7683. | 3.4 | 165 |
| 48 | Dependence of <i>Plasmodium falciparum</i> In Vitro Growth on the Cation Permeability of the Human Host Erythrocyte. <i>Cellular Physiology and Biochemistry</i> , 2003, 13, 347-356. | 1.6 | 165 |
| 49 | The Tyrosine Kinase p56lck Mediates Activation of Swelling-induced Chloride Channels in Lymphocytes. <i>Journal of Cell Biology</i> , 1998, 141, 281-286. | 5.2 | 164 |
| 50 | Dexamethasone Induces Cell Death in Insulin-Secreting Cells, an Effect Reversed by Exendin-4. <i>Diabetes</i> , 2006, 55, 1380-1390. | 0.6 | 163 |
| 51 | Regulation of ion channels by the serum- and glucocorticoid-inducible kinase SGK1. <i>FASEB Journal</i> , 2013, 27, 3-12. | 0.5 | 160 |
| 52 | Deregulation of the serum- and glucocorticoid-inducible kinase SGK1 in the endometrium causes reproductive failure. <i>Nature Medicine</i> , 2011, 17, 1509-1513. | 30.7 | 157 |
| 53 | Serum- and Glucocorticoid-Inducible Kinase 1 (SGK1) Mediates Glucocorticoid-Induced Inhibition of Insulin Secretion. <i>Diabetes</i> , 2005, 54, 1090-1099. | 0.6 | 155 |
| 54 | Suicide for Survival - Death of Infected Erythrocytes as a Host Mechanism to Survive Malaria. <i>Cellular Physiology and Biochemistry</i> , 2009, 24, 133-140. | 1.6 | 155 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | TRPC6 Contributes to the Ca ²⁺ Leak of Human Erythrocytes. <i>Cellular Physiology and Biochemistry</i> , 2008, 21, 183-192. | 1.6 | 153 |
| 56 | Hydration biomarkers in free-living adults with different levels of habitual fluid consumption. <i>British Journal of Nutrition</i> , 2013, 109, 1678-1687. | 2.3 | 153 |
| 57 | Chloride conductance and volume-regulatory nonselective cation conductance in human red blood cell ghosts. <i>Pflugers Archiv European Journal of Physiology</i> , 2001, 441, 551-558. | 2.8 | 152 |
| 58 | Regulation of Glucose Transporter SGLT1 by Ubiquitin Ligase Nedd4 ² and Kinases SGK1, SGK3, and PKB. <i>Obesity</i> , 2004, 12, 862-870. | 4.0 | 151 |
| 59 | Aldosterone-induced Sgk1 relieves Dot1a-Af9-mediated transcriptional repression of epithelial Na ⁺ channel β . <i>Journal of Clinical Investigation</i> , 2007, 117, 773-783. | 8.2 | 150 |
| 60 | Regulation of Endocytic Recycling of KCNQ1/KCNE1 Potassium Channels. <i>Circulation Research</i> , 2007, 100, 686-692. | 4.5 | 149 |
| 61 | Inhibition of Erythrocyte Cation Channels by Erythropoietin. <i>Journal of the American Society of Nephrology: JASN</i> , 2003, 14, 2750-2757. | 6.1 | 146 |
| 62 | Plasmodium falciparum activates endogenous Cl ⁻ channels of human erythrocytes by membrane oxidation. <i>EMBO Journal</i> , 2002, 21, 22-30. | 7.8 | 144 |
| 63 | The Uremic Toxin Acrolein Promotes Suicidal Erythrocyte Death. <i>Kidney and Blood Pressure Research</i> , 2013, 37, 158-167. | 2.0 | 143 |
| 64 | Stimulation of erythrocyte ceramide formation by platelet-activating factor. <i>Journal of Cell Science</i> , 2005, 118, 1233-1243. | 2.0 | 142 |
| 65 | Sphingomyelinase-induced adhesion of eryptotic erythrocytes to endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 303, C991-C999. | 4.6 | 141 |
| 66 | Conjugated bilirubin triggers anemia by inducing erythrocyte death. <i>Hepatology</i> , 2015, 61, 275-284. | 7.3 | 141 |
| 67 | h-sgk serine-threonine protein kinase gene as transcriptional target of transforming growth factor β 2 in human intestine. <i>Gastroenterology</i> , 1999, 116, 1081-1088. | 1.3 | 140 |
| 68 | Physiology and Pathophysiology of Eryptosis. <i>Transfusion Medicine and Hemotherapy</i> , 2012, 39, 308-314. | 1.6 | 139 |
| 69 | Anemia and splenomegaly in cGKI-deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 6771-6776. | 7.1 | 135 |
| 70 | The impact of erythrocyte age on eryptosis. <i>British Journal of Haematology</i> , 2012, 157, 606-614. | 2.5 | 134 |
| 71 | Mechanisms and pathophysiological significance of eryptosis, the suicidal erythrocyte death. <i>Seminars in Cell and Developmental Biology</i> , 2015, 39, 35-42. | 5.0 | 134 |
| 72 | Phenotype of the Taurine Transporter Knockout Mouse. <i>Methods in Enzymology</i> , 2007, 428, 439-458. | 1.0 | 133 |

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|----|---|------|-----------|
| 73 | p38 MAPK Activation and Function following Osmotic Shock of Erythrocytes. Cellular Physiology and Biochemistry, 2011, 28, 1279-1286. | 1.6 | 133 |
| 74 | The Inflammatory Chemokine CXC Motif Ligand 16 Triggers Platelet Activation and Adhesion Via CXC Motif Receptor 6-Dependent Phosphatidylinositide 3-Kinase/Akt Signaling. Circulation Research, 2012, 111, 1297-1307. | 4.5 | 131 |
| 75 | Regulation of Channels by the Serum and Glucocorticoid-Inducible Kinase - Implications for Transport, Excitability and Cell Proliferation. Cellular Physiology and Biochemistry, 2003, 13, 41-50. | 1.6 | 129 |
| 76 | Oxidative Stress and Suicidal Erythrocyte Death. Antioxidants and Redox Signaling, 2014, 21, 138-153. | 5.4 | 129 |
| 77 | Fas/CD95/Apo-I activates the acidic sphingomyelinase via Caspases. Cell Death and Differentiation, 1998, 5, 29-37. | 11.2 | 128 |
| 78 | Accelerated Clearance of Plasmodium-infected Erythrocytes in Sickle Cell Trait and Annexin-A7 Deficiency. Cellular Physiology and Biochemistry, 2009, 24, 415-428. | 1.6 | 128 |
| 79 | Significance of SGK1 in the regulation of neuronal function. Journal of Physiology, 2010, 588, 3349-3354. | 2.9 | 128 |
| 80 | Spirolactone ameliorates PIT1-dependent vascular osteoinduction in klotho-hypomorphic mice. Journal of Clinical Investigation, 2013, 123, 812-22. | 8.2 | 128 |
| 81 | Signaling pathways involved in vascular smooth muscle cell calcification during hyperphosphatemia. Cellular and Molecular Life Sciences, 2019, 76, 2077-2091. | 5.4 | 127 |
| 82 | Cell volume and hormone action. Trends in Pharmacological Sciences, 1992, 13, 371-373. | 8.7 | 126 |
| 83 | The serum- and glucocorticoid-inducible kinase 1 (SGK1) influences platelet calcium signaling and function by regulation of Orai1 expression in megakaryocytes. Blood, 2012, 119, 251-261. | 1.4 | 126 |
| 84 | The physiological impact of the serum and glucocorticoid-inducible kinase SGK1. Current Opinion in Nephrology and Hypertension, 2009, 18, 439-448. | 2.0 | 125 |
| 85 | Oxidative stress, eryptosis and anemia: a pivotal mechanistic nexus in systemic diseases. FEBS Journal, 2019, 286, 826-854. | 4.7 | 125 |
| 86 | Neutral amino acid transporter ASCT2 displays substrate-induced Na ⁺ exchange and a substrate-gated anion conductance. Biochemical Journal, 2000, 346, 705-710. | 3.7 | 124 |
| 87 | Electrophysiological Properties of the Plasmodium falciparum-Induced Cation Conductance of Human Erythrocytes. Cellular Physiology and Biochemistry, 2003, 13, 189-198. | 1.6 | 124 |
| 88 | Ion channels in cancer: future perspectives and clinical potential. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130108. | 4.0 | 124 |
| 89 | Role of Ion Transport in Control of Apoptotic Cell Death. , 2012, 2, 2037-2061. | | 123 |
| 90 | Enhanced susceptibility to erythrocyte apoptosis following phosphate depletion. Pflugers Archiv European Journal of Physiology, 2004, 448, 471-7. | 2.8 | 120 |

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|-----|---|-----|-----------|
| 91 | Role of KCNE1-Dependent K ⁺ Fluxes in Mouse Proximal Tubule. <i>Journal of the American Society of Nephrology: JASN</i> , 2001, 12, 2003-2011. | 6.1 | 119 |
| 92 | Janus Kinase 3 is Expressed in Erythrocytes, Phosphorylated Upon Energy Depletion and Involved in the Regulation of Suicidal Erythrocyte Death. <i>Cellular Physiology and Biochemistry</i> , 2011, 27, 547-556. | 1.6 | 117 |
| 93 | The Serum and Glucocorticoid-Inducible Kinase SGK1 and the Na ⁺ /H ⁺ Exchange Regulating Factor NHERF2 Synergize to Stimulate the Renal Outer Medullary K ⁺ Channel ROMK1. <i>Journal of the American Society of Nephrology: JASN</i> , 2002, 13, 2823-2830. | 6.1 | 116 |
| 94 | Impaired Regulation of Renal K ⁺ Elimination in the sgk1-Knockout Mouse. <i>Journal of the American Society of Nephrology: JASN</i> , 2004, 15, 885-891. | 6.1 | 115 |
| 95 | Mutation of the PDK1 PH Domain Inhibits Protein Kinase B/Akt, Leading to Small Size and Insulin Resistance. <i>Molecular and Cellular Biology</i> , 2008, 28, 3258-3272. | 2.3 | 115 |
| 96 | SGK1 induces vascular smooth muscle cell calcification through NF- κ B signaling. <i>Journal of Clinical Investigation</i> , 2018, 128, 3024-3040. | 8.2 | 114 |
| 97 | Serum- and Glucocorticoid-Regulated Kinase (SGK1) Gene and Blood Pressure. <i>Hypertension</i> , 2002, 40, 256-260. | 2.7 | 113 |
| 98 | Suicidal erythrocyte death in end-stage renal disease. <i>Journal of Molecular Medicine</i> , 2014, 92, 871-879. | 3.9 | 113 |
| 99 | Water, K ⁺ , H ⁺ , lactate and glucose fluxes during cell volume regulation in perfused rat liver. <i>Pflügers Archiv European Journal of Physiology</i> , 1989, 413, 209-216. | 2.8 | 112 |
| 100 | SGK1-dependent cardiac CTGF formation and fibrosis following DOCA treatment. <i>Journal of Molecular Medicine</i> , 2006, 84, 396-404. | 3.9 | 111 |
| 101 | Sensitization of Erythrocytes to Suicidal Erythrocyte Death Following Water Deprivation. <i>Kidney and Blood Pressure Research</i> , 2013, 37, 567-578. | 2.0 | 111 |
| 102 | Blood Platelets in the Progression of Alzheimer's Disease. <i>PLoS ONE</i> , 2014, 9, e90523. | 2.5 | 111 |
| 103 | Effects of the Serine/Threonine Kinase SGK1 on the Epithelial Na ⁺ Channel (ENaC) and CFTR: Implications for Cystic Fibrosis. <i>Cellular Physiology and Biochemistry</i> , 2001, 11, 209-218. | 1.6 | 109 |
| 104 | Zinc Inhibits Phosphate-Induced Vascular Calcification through TNFAIP3-Mediated Suppression of NF- κ B. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 1636-1648. | 6.1 | 109 |
| 105 | Protein Kinase CK1 β Regulates Erythrocyte Survival. <i>Cellular Physiology and Biochemistry</i> , 2012, 29, 171-180. | 1.6 | 108 |
| 106 | Interference of H ₂ O ₂ with stimulus-secretion coupling in mouse pancreatic β -cells. <i>Journal of Physiology</i> , 1999, 514, 471-481. | 2.9 | 107 |
| 107 | EMD638683, a Novel SGK Inhibitor with Antihypertensive Potency. <i>Cellular Physiology and Biochemistry</i> , 2011, 28, 137-146. | 1.6 | 107 |
| 108 | Stimulation of Suicidal Erythrocyte Death by Increased Extracellular Phosphate Concentrations. <i>Kidney and Blood Pressure Research</i> , 2013, 38, 42-51. | 2.0 | 107 |

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|-----|---|-----|-----------|
| 109 | Triggers, Inhibitors, Mechanisms, and Significance of Eryptosis: The Suicidal Erythrocyte Death. <i>BioMed Research International</i> , 2015, 2015, 1-16. | 1.9 | 105 |
| 110 | Regulation of the glutamate transporter EAAT1 by the ubiquitin ligase Nedd4-2 and the serum and glucocorticoid-inducible kinase isoforms SGK1/3 and protein kinase B. <i>Journal of Neurochemistry</i> , 2003, 86, 1181-1188. | 3.9 | 102 |
| 111 | Macrophage Migration Inhibitory Factor Limits Activation-Induced Apoptosis of Platelets via CXCR7-Dependent Akt Signaling. <i>Circulation Research</i> , 2014, 115, 939-949. | 4.5 | 101 |
| 112 | MicroRNA-15b/16 Enhances the Induction of Regulatory T Cells by Regulating the Expression of Rictor and mTOR. <i>Journal of Immunology</i> , 2015, 195, 5667-5677. | 0.8 | 101 |
| 113 | Stimulation of Erythrocyte Cell Membrane Scrambling by Amiodarone. <i>Cellular Physiology and Biochemistry</i> , 2007, 20, 1043-1050. | 1.6 | 100 |
| 114 | Electrophysiological studies of malaria parasite-infected erythrocytes: Current status. <i>International Journal for Parasitology</i> , 2007, 37, 475-482. | 3.1 | 100 |
| 115 | Activation of serum/glucocorticoid-induced kinase 1 (SGK1) is important to maintain skeletal muscle homeostasis and prevent atrophy. <i>EMBO Molecular Medicine</i> , 2013, 5, 80-91. | 6.9 | 100 |
| 116 | Enhanced suicidal erythrocyte death in mice carrying a loss-of-function mutation of the <i>adenomatous polyposis coli</i> gene. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 1085-1093. | 3.6 | 99 |
| 117 | Activating Mutation of the Renal Epithelial Chloride Channel ClC-Kb Predisposing to Hypertension. <i>Hypertension</i> , 2004, 43, 1175-1181. | 2.7 | 97 |
| 118 | The NF- κ B Pathway Inhibitors Bay 11-7082 and Parthenolide Induce Programmed Cell Death in Anucleated Erythrocytes. <i>Cellular Physiology and Biochemistry</i> , 2011, 27, 45-54. | 1.6 | 96 |
| 119 | Insulin suppresses the production of fibroblast growth factor 23 (FGF23). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5804-5809. | 7.1 | 96 |
| 120 | Stimulation of Erythrocyte Phosphatidylserine Exposure by Paclitaxel. <i>Cellular Physiology and Biochemistry</i> , 2006, 18, 151-164. | 1.6 | 94 |
| 121 | Enhanced Suicidal Erythrocyte Death Contributing to Anemia in the Elderly. <i>Cellular Physiology and Biochemistry</i> , 2015, 36, 773-783. | 1.6 | 93 |
| 122 | Suicidal Erythrocyte Death Following Cellular K ⁺ Loss. <i>Cellular Physiology and Biochemistry</i> , 2007, 20, 035-044. | 1.6 | 92 |
| 123 | The Shrinkage-activated Na ⁺ Conductance of Rat Hepatocytes and its Possible Correlation to rENaC. <i>Cellular Physiology and Biochemistry</i> , 2000, 10, 187-194. | 1.6 | 90 |
| 124 | Post-translational regulation of EAAT2 function by co-expressed ubiquitin ligase Nedd4-2 is impacted by SGK kinases. <i>Journal of Neurochemistry</i> , 2006, 97, 911-921. | 3.9 | 89 |
| 125 | Intracellular multiplication of <i>Legionella pneumophila</i> depends on host cell amino acid transporter SLC1A5. <i>Molecular Microbiology</i> , 2005, 55, 1528-1537. | 2.5 | 88 |
| 126 | The Serum- and Glucocorticoid-Inducible Kinase Sgk-1 Is Involved in Pulmonary Vascular Remodeling. <i>Circulation Research</i> , 2006, 98, 828-836. | 4.5 | 88 |

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|-----|---|-----|-----------|
| 127 | Sgk1 activates MDM2-dependent p53 degradation and affects cell proliferation, survival, and differentiation. <i>Journal of Molecular Medicine</i> , 2009, 87, 1221-1239. | 3.9 | 88 |
| 128 | Stimulation of Erythrocyte Cell Membrane Scrambling by Mitotane. <i>Cellular Physiology and Biochemistry</i> , 2014, 33, 1516-1526. | 1.6 | 88 |
| 129 | Stimulation of Suicidal Erythrocyte Death by α -Lipoic Acid. <i>Cellular Physiology and Biochemistry</i> , 2010, 26, 859-868. | 1.6 | 87 |
| 130 | Stimulation of erythrocyte phosphatidylserine exposure by mercury ions. <i>Toxicology and Applied Pharmacology</i> , 2006, 210, 116-122. | 2.8 | 86 |
| 131 | Ion Channels and Cell Volume in Regulation of Cell Proliferation and Apoptotic Cell Death. , 2006, 152, 142-160. | | 86 |
| 132 | Mitoxantrone-Induced Suicidal Erythrocyte Death. <i>Cellular Physiology and Biochemistry</i> , 2014, 34, 1756-1767. | 1.6 | 86 |
| 133 | Stimulation of erythrocyte phosphatidylserine exposure by lead ions. <i>American Journal of Physiology - Cell Physiology</i> , 2005, 288, C396-C402. | 4.6 | 85 |
| 134 | Regulation of KCNE1-dependent K ⁺ current by the serum and glucocorticoid-inducible kinase (SGK) isoforms. <i>Pflugers Archiv European Journal of Physiology</i> , 2003, 445, 601-606. | 2.8 | 84 |
| 135 | Amyloid Induced Suicidal Erythrocyte Death. <i>Cellular Physiology and Biochemistry</i> , 2007, 19, 175-184. | 1.6 | 84 |
| 136 | Ion Channels Modulating Mouse Dendritic Cell Functions. <i>Journal of Immunology</i> , 2008, 181, 6803-6809. | 0.8 | 84 |
| 137 | Targeting SGK1 in diabetes. <i>Expert Opinion on Therapeutic Targets</i> , 2009, 13, 1303-1311. | 3.4 | 84 |
| 138 | Volume regulation in liver: Further characterization by inhibitors and ionic substitutions. <i>Hepatology</i> , 1990, 11, 243-254. | 7.3 | 83 |
| 139 | <i>Pseudomonas aeruginosa</i> -Induced Apoptosis Involves Mitochondria and Stress-Activated Protein Kinases. <i>Infection and Immunity</i> , 2001, 69, 2675-2683. | 2.2 | 83 |
| 140 | Proteome Analysis of Erythrocytes Lacking AMP-Activated Protein Kinase Reveals a Role of PAK2 Kinase in Eryptosis. <i>Journal of Proteome Research</i> , 2011, 10, 1690-1697. | 3.7 | 83 |
| 141 | Enhanced Orai1 and STIM1 expression as well as store operated Ca ²⁺ entry in therapy resistant ovary carcinoma cells. <i>Oncotarget</i> , 2014, 5, 4799-4810. | 1.8 | 83 |
| 142 | Stimulation of Ca ²⁺ channel Orai1/STIM1 by serum and glucocorticoid-inducible kinase 1 (SGK1). <i>FASEB Journal</i> , 2011, 25, 2012-2021. | 0.5 | 82 |
| 143 | Cl ⁻ Channel Blockers NPPB and Niflumic Acid Blunt Ca ²⁺ -induced Erythrocyte "Apoptosis". <i>Cellular Physiology and Biochemistry</i> , 2004, 14, 241-248. | 1.6 | 81 |
| 144 | Downregulation of NaPi-IIa and NaPi-IIb Na ⁺ -coupled Phosphate Transporters by Coexpression of Klotho. <i>Cellular Physiology and Biochemistry</i> , 2011, 28, 251-258. | 1.6 | 81 |

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