

List of Publications by Citations

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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.

989 papers	41,045 citations	93 h-index	146 g-index
1,004 ext. papers	44,310 ext. citations	4.8 avg, IF	7.43 L-index

#	Paper	IF	Citations
989	Functional significance of cell volume regulatory mechanisms. <i>Physiological Reviews</i> , 1998 , 78, 247-306	47.9	1547
988	(Patho)physiological significance of the serum- and glucocorticoid-inducible kinase isoforms. <i>Physiological Reviews</i> , 2006 , 86, 1151-78	47.9	543
987	Na(+)-D-glucose cotransporter SGLT1 is pivotal for intestinal glucose absorption and glucose-dependent incretin secretion. <i>Diabetes</i> , 2012 , 61, 187-96	0.9	456
986	Ceramide accumulation mediates inflammation, cell death and infection susceptibility in cystic fibrosis. <i>Nature Medicine</i> , 2008 , 14, 382-91	50.5	438
985	FAS-induced apoptosis is mediated via a ceramide-initiated RAS signaling pathway. <i>Immunity</i> , 1995 , 2, 341-51	32.3	389
984	Liver cell death and anemia in Wilson disease involve acid sphingomyelinase and ceramide. <i>Nature Medicine</i> , 2007 , 13, 164-70	50.5	378
983	Role of Ca ²⁺ -activated K ⁺ channels in human erythrocyte apoptosis. <i>American Journal of Physiology - Cell Physiology</i> , 2003 , 285, C1553-60	5.4	323
982	Mechanisms of suicidal erythrocyte death. <i>Cellular Physiology and Biochemistry</i> , 2005 , 15, 195-202	3.9	312
981	Mutations in GJB6 cause nonsyndromic autosomal dominant deafness at DFNA3 locus. <i>Nature Genetics</i> , 1999 , 23, 16-8	36.3	293
980	The diversity of volume regulatory mechanisms. <i>Cellular Physiology and Biochemistry</i> , 1998 , 8, 1-45	3.9	280
979	Mechanisms and significance of cell volume regulation. <i>Journal of the American College of Nutrition</i> , 2007 , 26, 613S-623S	3.5	278
978	Acidic sphingomyelinase mediates entry of <i>N. gonorrhoeae</i> into nonphagocytic cells. <i>Cell</i> , 1997 , 91, 605-15	35.2	276
977	Function and structure of heterodimeric amino acid transporters. <i>American Journal of Physiology - Cell Physiology</i> , 2001 , 281, C1077-93	5.4	266
976	GLUT1 mutations are a cause of paroxysmal exertion-induced dyskinesias and induce hemolytic anemia by a cation leak. <i>Journal of Clinical Investigation</i> , 2008 , 118, 2157-68	15.9	263
975	Exploitation of KESTREL to identify NDRG family members as physiological substrates for SGK1 and GSK3. <i>Biochemical Journal</i> , 2004 , 384, 477-88	3.8	259
974	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, 22173-81	5.4	252
973	Impaired renal Na ⁺ retention in the sgk1-knockout mouse. <i>Journal of Clinical Investigation</i> , 2002 , 110, 1263-1268	15.9	251

972	CD95/CD95 ligand interactions on epithelial cells in host defense to <i>Pseudomonas aeruginosa</i> . <i>Science</i> , 2000 , 290, 527-30	33.3	225
971	Killing me softly - suicidal erythrocyte death. <i>International Journal of Biochemistry and Cell Biology</i> , 2012 , 44, 1236-43	5.6	218
970	Eryptosis, a window to systemic disease. <i>Cellular Physiology and Biochemistry</i> , 2008 , 22, 373-80	3.9	212
969	Erythrocyte programmed cell death. <i>IUBMB Life</i> , 2008 , 60, 661-8	4.7	212
968	Cell volume in the regulation of cell proliferation and apoptotic cell death. <i>Cellular Physiology and Biochemistry</i> , 2000 , 10, 417-28	3.9	204
967	Enhanced programmed cell death of iron-deficient erythrocytes. <i>FASEB Journal</i> , 2006 , 20, 368-70	0.9	202
966	Stimulation of suicidal erythrocyte death by methylglyoxal. <i>Cellular Physiology and Biochemistry</i> , 2006 , 18, 223-32	3.9	197
965	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, F704-12	4.3	190
964	Dynamic adhesion of eryptotic erythrocytes to endothelial cells via CXCL16/SR-PSOX. <i>American Journal of Physiology - Cell Physiology</i> , 2012 , 302, C644-51	5.4	186
963	Ceramide in suicidal death of erythrocytes. <i>Cellular Physiology and Biochemistry</i> , 2010 , 26, 21-8	3.9	182
962	Mechanisms and significance of eryptosis. <i>Antioxidants and Redox Signaling</i> , 2006 , 8, 1183-92	8.4	182
961	Mechanisms and significance of eryptosis, the suicidal death of erythrocytes. <i>Blood Purification</i> , 2012 , 33, 125-30	3.1	178
960	Cell volume in the regulation of hepatic function: a mechanism for metabolic control. <i>BBA - Biomembranes</i> , 1991 , 1071, 331-50		174
959	Suicidal erythrocyte death in sepsis. <i>Journal of Molecular Medicine</i> , 2007 , 85, 273-81	5.5	173
958	Tyrosine phosphorylation-dependent suppression of a voltage-gated K ⁺ channel in T lymphocytes upon Fas stimulation. <i>Journal of Biological Chemistry</i> , 1996 , 271, 20465-9	5.4	170
957	Oxidation induces a Cl ⁻ -dependent cation conductance in human red blood cells. <i>Journal of Physiology</i> , 2002 , 539, 847-55	3.9	169
956	Regulation of erythrocyte survival by AMP-activated protein kinase. <i>FASEB Journal</i> , 2009 , 23, 1072-80	0.9	167
955	Enhanced erythrocyte apoptosis in sickle cell anemia, thalassemia and glucose-6-phosphate dehydrogenase deficiency. <i>Cellular Physiology and Biochemistry</i> , 2002 , 12, 365-72	3.9	162

954	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	3.9	158
953	Functional significance of channels and transporters expressed in the inner ear and kidney. <i>American Journal of Physiology - Cell Physiology</i> , 2007 , 293, C1187-208	5.4	157
952	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, 17864-9	11.5	154
951	The tyrosine kinase p56lck mediates activation of swelling-induced chloride channels in lymphocytes. <i>Journal of Cell Biology</i> , 1998 , 141, 281-6	7.3	153
950	Protein kinase C mediates erythrocyte "programmed cell death" following glucose depletion. <i>American Journal of Physiology - Cell Physiology</i> , 2006 , 290, C244-53	5.4	151
949	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, 347-56	3.9	151
948	Impaired renal Na(+) retention in the sgk1-knockout mouse. <i>Journal of Clinical Investigation</i> , 2002 , 110, 1263-8	15.9	150
947	Glucocorticoid activation of Na(+)/H(+) exchanger isoform 3 revisited. The roles of SGK1 and NHERF2. <i>Journal of Biological Chemistry</i> , 2002 , 277, 7676-83	5.4	146
946	Suicide for survival--death of infected erythrocytes as a host mechanism to survive malaria. <i>Cellular Physiology and Biochemistry</i> , 2009 , 24, 133-40	3.9	145
945	Cell volume regulatory ion channels in cell proliferation and cell death. <i>Methods in Enzymology</i> , 2007 , 428, 209-25	1.7	141
944	Suicidal death of erythrocytes in recurrent hemolytic uremic syndrome. <i>Journal of Molecular Medicine</i> , 2006 , 84, 378-88	5.5	137
943	Dexamethasone induces cell death in insulin-secreting cells, an effect reversed by exendin-4. <i>Diabetes</i> , 2006 , 55, 1380-90	0.9	137
942	Inhibition of erythrocyte cation channels by erythropoietin. <i>Journal of the American Society of Nephrology: JASN</i> , 2003 , 14, 2750-7	12.7	135
941	Deregulation of the serum- and glucocorticoid-inducible kinase SGK1 in the endometrium causes reproductive failure. <i>Nature Medicine</i> , 2011 , 17, 1509-13	50.5	134
940	Serum- and glucocorticoid-inducible kinase 1 (SGK1) mediates glucocorticoid-induced inhibition of insulin secretion. <i>Diabetes</i> , 2005 , 54, 1090-9	0.9	134
939	TRPC6 contributes to the Ca(2+) leak of human erythrocytes. <i>Cellular Physiology and Biochemistry</i> , 2008 , 21, 183-92	3.9	133
938	Regulation of endocytic recycling of KCNQ1/KCNE1 potassium channels. <i>Circulation Research</i> , 2007 , 100, 686-92	15.7	132
937	h-sgk serine-threonine protein kinase gene as transcriptional target of transforming growth factor beta in human intestine. <i>Gastroenterology</i> , 1999 , 116, 1081-8	13.3	131

936	Aldosterone-induced Sgk1 relieves Dot1a-Af9-mediated transcriptional repression of epithelial Na ⁺ channel alpha. <i>Journal of Clinical Investigation</i> , 2007 , 117, 773-83	15.9	130
935	Regulation of glucose transporter SGLT1 by ubiquitin ligase Nedd4-2 and kinases SGK1, SGK3, and PKB. <i>Obesity</i> , 2004 , 12, 862-70		129
934	Sphingomyelinase-induced adhesion of eryptotic erythrocytes to endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2012 , 303, C991-9	5.4	126
933	Anemia and splenomegaly in cGKI-deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 6771-6	11.5	125
932	Stimulation of erythrocyte ceramide formation by platelet-activating factor. <i>Journal of Cell Science</i> , 2005 , 118, 1233-43	5.3	125
931	Regulation of ion channels by the serum- and glucocorticoid-inducible kinase SGK1. <i>FASEB Journal</i> , 2013 , 27, 3-12	0.9	122
930	Accelerated clearance of Plasmodium-infected erythrocytes in sickle cell trait and annexin-A7 deficiency. <i>Cellular Physiology and Biochemistry</i> , 2009 , 24, 415-28	3.9	122
929	Hydration biomarkers in free-living adults with different levels of habitual fluid consumption. <i>British Journal of Nutrition</i> , 2013 , 109, 1678-87	3.6	120
928	Plasmodium falciparum activates endogenous Cl(-) channels of human erythrocytes by membrane oxidation. <i>EMBO Journal</i> , 2002 , 21, 22-30	13	120
927	Chloride conductance and volume-regulatory nonselective cation conductance in human red blood cell ghosts. <i>Pflügers Archiv European Journal of Physiology</i> , 2001 , 441, 551-8	4.6	119
926	Cell volume and hormone action. <i>Trends in Pharmacological Sciences</i> , 1992 , 13, 371-3	13.2	119
925	Fas/CD95/Apo-I activates the acidic sphingomyelinase via caspases. <i>Cell Death and Differentiation</i> , 1998 , 5, 29-37	12.7	118
924	Electrophysiological properties of the Plasmodium Falciparum-induced cation conductance of human erythrocytes. <i>Cellular Physiology and Biochemistry</i> , 2003 , 13, 189-98	3.9	118
923	p38 MAPK activation and function following osmotic shock of erythrocytes. <i>Cellular Physiology and Biochemistry</i> , 2011 , 28, 1279-86	3.9	117
922	The inflammatory chemokine CXC motif ligand 16 triggers platelet activation and adhesion via CXC motif receptor 6-dependent phosphatidylinositide 3-kinase/Akt signaling. <i>Circulation Research</i> , 2012 , 111, 1297-307	15.7	115
921	Regulation of channels by the serum and glucocorticoid-inducible kinase - implications for transport, excitability and cell proliferation. <i>Cellular Physiology and Biochemistry</i> , 2003 , 13, 41-50	3.9	114
920	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, 2823-30	12.7	112
919	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, 547-56	3.9	110

918	Conjugated bilirubin triggers anemia by inducing erythrocyte death. <i>Hepatology</i> , 2015 , 61, 275-84	11.2	109
917	Neutral amino acid transporter ASCT2 displays substrate-induced Na ⁺ exchange and a substrate-gated anion conductance. <i>Biochemical Journal</i> , 2000 , 346, 705-710	3.8	107
916	The physiological impact of the serum and glucocorticoid-inducible kinase SGK1. <i>Current Opinion in Nephrology and Hypertension</i> , 2009 , 18, 439-48	3.5	106
915	The serum- and glucocorticoid-inducible kinase 1 (SGK1) influences platelet calcium signaling and function by regulation of Orai1 expression in megakaryocytes. <i>Blood</i> , 2012 , 119, 251-61	2.2	105
914	Physiology and pathophysiology of eryptosis. <i>Transfusion Medicine and Hemotherapy</i> , 2012 , 39, 308-14	4.2	105
913	Impaired regulation of renal K ⁺ elimination in the sgk1-knockout mouse. <i>Journal of the American Society of Nephrology: JASN</i> , 2004 , 15, 885-91	12.7	105
912	Mechanisms and pathophysiological significance of eryptosis, the suicidal erythrocyte death. <i>Seminars in Cell and Developmental Biology</i> , 2015 , 39, 35-42	7.5	104
911	Role of KCNE1-dependent K ⁺ fluxes in mouse proximal tubule. <i>Journal of the American Society of Nephrology: JASN</i> , 2001 , 12, 2003-2011	12.7	104
910	The impact of erythrocyte age on eryptosis. <i>British Journal of Haematology</i> , 2012 , 157, 606-14	4.5	103
909	Serum- and glucocorticoid-regulated kinase (SGK1) gene and blood pressure. <i>Hypertension</i> , 2002 , 40, 256-60	8.5	103
908	Phenotype of the taurine transporter knockout mouse. <i>Methods in Enzymology</i> , 2007 , 428, 439-58	1.7	102
907	Spironolactone ameliorates PIT1-dependent vascular osteoinduction in klotho-hypomorphic mice. <i>Journal of Clinical Investigation</i> , 2013 , 123, 812-22	15.9	102
906	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, 1181-8	6	100
905	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, 209-16	4.6	100
904	Significance of SGK1 in the regulation of neuronal function. <i>Journal of Physiology</i> , 2010 , 588, 3349-54	3.9	99
903	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, 209-18	3.9	99
902	Protein kinase CK1 β regulates erythrocyte survival. <i>Cellular Physiology and Biochemistry</i> , 2012 , 29, 171-80	3.9	98
901	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, 3258-72	4.8	98

900	Interference of H ₂ O ₂ with stimulus-secretion coupling in mouse pancreatic beta-cells. <i>Journal of Physiology</i> , 1999 , 514 (Pt 2), 471-81	3.9	94
899	Oxidative stress and suicidal erythrocyte death. <i>Antioxidants and Redox Signaling</i> , 2014 , 21, 138-53	8.4	93
898	SGK1-dependent cardiac CTGF formation and fibrosis following DOCA treatment. <i>Journal of Molecular Medicine</i> , 2006 , 84, 396-404	5.5	93
897	Enhanced susceptibility to erythrocyte "apoptosis" following phosphate depletion. <i>Pflügers Archiv European Journal of Physiology</i> , 2004 , 448, 471-7	4.6	93
896	The NFB pathway inhibitors Bay 11-7082 and parthenolide induce programmed cell death in anucleated Erythrocytes. <i>Cellular Physiology and Biochemistry</i> , 2011 , 27, 45-54	3.9	90
895	EMD638683, a novel SGK inhibitor with antihypertensive potency. <i>Cellular Physiology and Biochemistry</i> , 2011 , 28, 137-46	3.9	88
894	Stimulation of erythrocyte phosphatidylserine exposure by paclitaxel. <i>Cellular Physiology and Biochemistry</i> , 2006 , 18, 151-64	3.9	88
893	Ion channels in cancer: future perspectives and clinical potential. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014 , 369, 20130108	5.8	87
892	Signaling pathways involved in vascular smooth muscle cell calcification during hyperphosphatemia. <i>Cellular and Molecular Life Sciences</i> , 2019 , 76, 2077-2091	10.3	85
891	Stimulation of suicidal erythrocyte death by lipoic acid. <i>Cellular Physiology and Biochemistry</i> , 2010 , 26, 859-68	3.9	85
890	Blood platelets in the progression of Alzheimer's disease. <i>PLoS ONE</i> , 2014 , 9, e90523	3.7	84
889	Stimulation of erythrocyte cell membrane scrambling by mitotane. <i>Cellular Physiology and Biochemistry</i> , 2014 , 33, 1516-26	3.9	84
888	Electrophysiological studies of malaria parasite-infected erythrocytes: current status. <i>International Journal for Parasitology</i> , 2007 , 37, 475-82	4.3	84
887	Activating mutation of the renal epithelial chloride channel CLC-Kb predisposing to hypertension. <i>Hypertension</i> , 2004 , 43, 1175-81	8.5	84
886	Enhanced suicidal erythrocyte death contributing to anemia in the elderly. <i>Cellular Physiology and Biochemistry</i> , 2015 , 36, 773-83	3.9	83
885	Mitoxantrone-induced suicidal erythrocyte death. <i>Cellular Physiology and Biochemistry</i> , 2014 , 34, 1756-67	3.9	83
884	The shrinkage-activated Na(+) conductance of rat hepatocytes and its possible correlation to rENaC. <i>Cellular Physiology and Biochemistry</i> , 2000 , 10, 187-94	3.9	83
883	Role of ion transport in control of apoptotic cell death. <i>Comprehensive Physiology</i> , 2012 , 2, 2037-61	7.7	82

882	Triggers, inhibitors, mechanisms, and significance of eryptosis: the suicidal erythrocyte death. <i>BioMed Research International</i> , 2015 , 2015, 513518	3	81
881	Stimulation of erythrocyte phosphatidylserine exposure by mercury ions. <i>Toxicology and Applied Pharmacology</i> , 2006 , 210, 116-22	4.6	81
880	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, 911-21	6	80
879	<i>Pseudomonas aeruginosa</i> -induced apoptosis involves mitochondria and stress-activated protein kinases. <i>Infection and Immunity</i> , 2001 , 69, 2675-83	3.7	80
878	Volume regulation in liver: further characterization by inhibitors and ionic substitutions. <i>Hepatology</i> , 1990 , 11, 243-54	11.2	80
877	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	12	79
876	Stimulation of suicidal erythrocyte death by artesunate. <i>Cellular Physiology and Biochemistry</i> , 2014 , 34, 2232-44	3.9	79
875	Amyloid induced suicidal erythrocyte death. <i>Cellular Physiology and Biochemistry</i> , 2007 , 19, 175-84	3.9	79
874	Intracellular multiplication of <i>Legionella pneumophila</i> depends on host cell amino acid transporter SLC1A5. <i>Molecular Microbiology</i> , 2005 , 55, 1528-37	4.1	78
873	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, 1690-7	5.6	77
872	Downregulation of NaPi-IIa and NaPi-IIb Na-coupled phosphate transporters by coexpression of Klotho. <i>Cellular Physiology and Biochemistry</i> , 2011 , 28, 251-8	3.9	77
871	Ion channels modulating mouse dendritic cell functions. <i>Journal of Immunology</i> , 2008 , 181, 6803-9	5.3	77
870	The serum- and glucocorticoid-inducible kinase Sgk-1 is involved in pulmonary vascular remodeling: role in redox-sensitive regulation of tissue factor by thrombin. <i>Circulation Research</i> , 2006 , 98, 828-36	15.7	77
869	Cl ⁻ channel blockers NPPB and niflumic acid blunt Ca ²⁺ -induced erythrocyte apoptosis. <i>Cellular Physiology and Biochemistry</i> , 2004 , 14, 241-8	3.9	76
868	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, 5667-77	5.3	75
867	Stimulation of erythrocyte cell membrane scrambling by gedunin. <i>Cellular Physiology and Biochemistry</i> , 2014 , 33, 1838-48	3.9	75
866	Influence of paclitaxel on parasitemia and survival of <i>Plasmodium berghei</i> infected mice. <i>Cellular Physiology and Biochemistry</i> , 2009 , 23, 191-8	3.9	74
865	Sunitinib-sensitive suicidal erythrocyte death. <i>Cellular Physiology and Biochemistry</i> , 2012 , 30, 512-22	3.9	74

864	Influence of NO synthase inhibitor L-NAME on parasitemia and survival of Plasmodium berghei infected mice. <i>Cellular Physiology and Biochemistry</i> , 2008 , 21, 481-8	3.9	74
863	Patulin-induced suicidal erythrocyte death. <i>Cellular Physiology and Biochemistry</i> , 2013 , 32, 291-9	3.9	73
862	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, 601-6	4.6	73
861	Effect of anandamide in Plasmodium Berghei-infected mice. <i>Cellular Physiology and Biochemistry</i> , 2010 , 26, 355-62	3.9	72
860	Modulation of the voltage-gated potassium channel Kv1.5 by the SGK1 protein kinase involves inhibition of channel ubiquitination. <i>Cellular Physiology and Biochemistry</i> , 2008 , 22, 591-600	3.9	72
859	Hepatocyte swelling leads to rapid decrease of the G-/total actin ratio and increases actin mRNA levels. <i>FEBS Letters</i> , 1992 , 311, 241-5	3.8	72
858	Sphingosine but not sphingosine-1-phosphate stimulates suicidal erythrocyte death. <i>Cellular Physiology and Biochemistry</i> , 2011 , 28, 339-46	3.9	71
857	Targeting SGK1 in diabetes. <i>Expert Opinion on Therapeutic Targets</i> , 2009 , 13, 1303-11	6.4	71
856	Connective tissue growth factor: a crucial cytokine-mediating cardiac fibrosis in ongoing enterovirus myocarditis. <i>Journal of Molecular Medicine</i> , 2008 , 86, 49-60	5.5	71
855	Stimulation of erythrocyte phosphatidylserine exposure by lead ions. <i>American Journal of Physiology - Cell Physiology</i> , 2005 , 288, C396-402	5.4	71
854	Oxidative stress, eryptosis and anemia: a pivotal mechanistic nexus in systemic diseases. <i>FEBS Journal</i> , 2019 , 286, 826-854	5.7	70
853	Stimulation of Ca ²⁺ -channel Orai1/STIM1 by serum- and glucocorticoid-inducible kinase 1 (SGK1). <i>FASEB Journal</i> , 2011 , 25, 2012-21	0.9	70
852	Long QT syndrome-associated mutations in KCNQ1 and KCNE1 subunits disrupt normal endosomal recycling of IKs channels. <i>Circulation Research</i> , 2008 , 103, 1451-7	15.7	70
851	Stimulation of Xenopus oocyte Na(+),K(+)ATPase by the serum and glucocorticoid-dependent kinase sgk1. <i>Pflugers Archiv European Journal of Physiology</i> , 2002 , 444, 426-31	4.6	70
850	Macrophage migration inhibitory factor limits activation-induced apoptosis of platelets via CXCR7-dependent Akt signaling. <i>Circulation Research</i> , 2014 , 115, 939-49	15.7	69
849	Induction of suicidal erythrocyte death by novobiocin. <i>Cellular Physiology and Biochemistry</i> , 2014 , 33, 670-80	3.9	69
848	Stimulation of eryptosis by cryptotanshinone. <i>Cellular Physiology and Biochemistry</i> , 2014 , 34, 432-42	3.9	69
847	Colorectal carcinoma cells--regulation of survival and growth by SGK1. <i>International Journal of Biochemistry and Cell Biology</i> , 2010 , 42, 1571-5	5.6	69

846	Sgk1 activates MDM2-dependent p53 degradation and affects cell proliferation, survival, and differentiation. <i>Journal of Molecular Medicine</i> , 2009 , 87, 1221-39	5.5	69
845	Regulation of the epithelial Ca ²⁺ channel TRPV5 by the NHE regulating factor NHERF2 and the serum and glucocorticoid inducible kinase isoforms SGK1 and SGK3 expressed in <i>Xenopus</i> oocytes. <i>Cellular Physiology and Biochemistry</i> , 2004 , 14, 203-12	3.9	69
844	Effect of amphotericin B on parasitemia and survival of plasmodium berghei-infected mice. <i>Cellular Physiology and Biochemistry</i> , 2010 , 26, 347-54	3.9	68
843	Inhibition of Ca(2+) entry and suicidal erythrocyte death by naringin. <i>Cellular Physiology and Biochemistry</i> , 2012 , 30, 678-86	3.9	68
842	Ion channels and cell volume in regulation of cell proliferation and apoptotic cell death. <i>Contributions To Nephrology</i> , 2006 , 152, 142-160	1.6	68
841	Enhanced Orai1 and STIM1 expression as well as store operated Ca ²⁺ entry in therapy resistant ovary carcinoma cells. <i>Oncotarget</i> , 2014 , 5, 4799-810	3.3	68
840	Stimulation of erythrocyte death by phloretin. <i>Cellular Physiology and Biochemistry</i> , 2014 , 34, 2256-65	3.9	67
839	Enhanced erythrocyte membrane exposure of phosphatidylserine following sorafenib treatment: an in vivo and in vitro study. <i>Cellular Physiology and Biochemistry</i> , 2012 , 30, 876-88	3.9	67
838	Blunted IgE-mediated activation of mast cells in mice lacking the Ca ²⁺ -activated K ⁺ channel KCa3.1. <i>Journal of Immunology</i> , 2008 , 180, 8040-7	5.3	67
837	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	12.7	66
836	Purinoreceptors are involved in the induction of an osmolyte permeability in malaria-infected and oxidized human erythrocytes. <i>FASEB Journal</i> , 2006 , 20, 133-5	0.9	65
835	Suicidal erythrocyte death following cellular K ⁺ loss. <i>Cellular Physiology and Biochemistry</i> , 2007 , 20, 35-44	3.9	65
834	Potassium and sodium balance in U937 cells during apoptosis with and without cell shrinkage. <i>Cellular Physiology and Biochemistry</i> , 2005 , 16, 155-62	3.9	65
833	Stimulation of suicidal erythrocyte death by benzethonium. <i>Cellular Physiology and Biochemistry</i> , 2011 , 28, 347-54	3.9	64
832	Plasmodium induces swelling-activated ClC-2 anion channels in the host erythrocyte. <i>Journal of Biological Chemistry</i> , 2004 , 279, 41444-52	5.4	64
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