

# Florian Lang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Zinc Ameliorates the Osteogenic Effects of High Glucose in Vascular Smooth Muscle Cells. <i>Cells</i> , <b>2021</b> , 10,	7.9	4
988	Protective effects of spironolactone on vascular calcification in chronic kidney disease. <i>Biochemical and Biophysical Research Communications</i> , <b>2021</b> , 582, 28-34	3.4	1
987	The gut microbiota metabolite urolithin A inhibits NF- $\kappa$ B activation in LPS stimulated BMDMs. <i>Scientific Reports</i> , <b>2021</b> , 11, 7117	4.9	9
986	Therapeutic targeting of Lyn kinase to treat chorea-acanthocytosis. <i>Acta Neuropathologica Communications</i> , <b>2021</b> , 9, 81	7.3	4
985	Targeting Lyn Kinase in Chorea-Acanthocytosis: A Translational Treatment Approach in a Rare Disease. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	3
984	Circulating uromodulin inhibits vascular calcification by interfering with pro-inflammatory cytokine signalling. <i>Cardiovascular Research</i> , <b>2021</b> , 117, 930-941	9.9	14
983	Hydration for health hypothesis: a narrative review of supporting evidence. <i>European Journal of Nutrition</i> , <b>2021</b> , 60, 1167-1180	5.2	16
982	Vasopressin-stimulated ORAI1 expression and store-operated Ca entry in aortic smooth muscle cells. <i>Journal of Molecular Medicine</i> , <b>2021</b> , 99, 373-382	5.5	0
981	Acid sphingomyelinase promotes SGK1-dependent vascular calcification. <i>Clinical Science</i> , <b>2021</b> , 135, 515-534	6.34	3
980	ANXA7 Regulates Platelet Lipid Metabolism and Ca Release in Arterial Thrombosis. <i>Circulation Research</i> , <b>2021</b> , 129, 494-507	15.7	2
979	Increased $\beta$ -adrenergic stimulation augments vascular smooth muscle cell calcification via PKA/CREB signalling. <i>Pflügers Archiv European Journal of Physiology</i> , <b>2021</b> , 473, 1899-1910	4.6	2
978	Faster speed of onset of the depressive episode is associated with lower cytokine serum levels (IL-2, -4, -6, -10, TNF- $\alpha$ and IFN- $\gamma$ ) in patients with major depression. <i>Journal of Psychiatric Research</i> , <b>2021</b> , 141, 287-292	5.2	2
977	Glucose transport in lymphocytes. <i>Pflügers Archiv European Journal of Physiology</i> , <b>2020</b> , 472, 1401-1406	4.6	10
976	Impact of $\beta$ -glycerophosphate on the bioenergetic profile of vascular smooth muscle cells. <i>Journal of Molecular Medicine</i> , <b>2020</b> , 98, 985-997	5.5	7
975	Stimulation of ORAI1 expression, store-operated Ca entry, and osteogenic signaling by high glucose exposure of human aortic smooth muscle cells. <i>Pflügers Archiv European Journal of Physiology</i> , <b>2020</b> , 472, 1093-1102	4.6	1
974	Ion Transport in Eryptosis, the Suicidal Death of Erythrocytes. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 597	5.7	19
973	Inhibition of suicidal erythrocyte death by pyrogallol. <i>Molecular Biology Reports</i> , <b>2020</b> , 47, 5025-5032	2.8	2

972	The histone demethylase KDM2B activates FAK and PI3K that control tumor cell motility. <i>Cancer Biology and Therapy</i> , <b>2020</b> , 21, 533-540	4.6	7
971	Dead Cells Induce Innate Anergy via Mertk after Acute Viral Infection. <i>Cell Reports</i> , <b>2020</b> , 30, 3671-3681.	5.6	8
970	The specific PKC- $\beta$ inhibitor chelerythrine blunts costunolide-induced eryptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2020</b> , 25, 674-685	5.4	8
969	Beta-Glycerophosphate-Induced ORAI1 Expression and Store Operated Ca Entry in Megakaryocytes. <i>Scientific Reports</i> , <b>2020</b> , 10, 1728	4.9	4
968	LEFTY2/endometrial bleeding-associated factor up-regulates Na <sup>+</sup> -Coupled Glucose Transporter SGLT1 expression and Glycogen Accumulation in Endometrial Cancer Cells. <i>PLoS ONE</i> , <b>2020</b> , 15, e0230044	3.7	2
967	Underhydration Is Associated with Obesity, Chronic Diseases, and Death Within 3 to 6 Years in the U.S. Population Aged 51-70 Years. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	13
966	The Putative Role of 1,25(OH)D in the Association of Milk Consumption and Parkinson's Disease. <i>NeuroSignals</i> , <b>2020</b> , 28, 14-24	1.9	0
965	Decreased Na/K ATPase Expression and Depolarized Cell Membrane in Neurons Differentiated from Chorea-Acanthocytosis Patients. <i>Scientific Reports</i> , <b>2020</b> , 10, 8391	4.9	3
964	Reversal of phosphate-induced ORAI1 expression, store-operated Ca entry and osteogenic signaling by MgCl in human aortic smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 523, 18-24	3.4	3
963	Role of SGK1 in the Osteogenic Transdifferentiation and Calcification of Vascular Smooth Muscle Cells Promoted by Hyperglycemic Conditions. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	5
962	DJ-1 (Park7) affects the gut microbiome, metabolites and the development of innate lymphoid cells (ILCs). <i>Scientific Reports</i> , <b>2020</b> , 10, 16131	4.9	3
961	Hypotheses about sub-optimal hydration in the weeks before coronavirus disease (COVID-19) as a risk factor for dying from COVID-19. <i>Medical Hypotheses</i> , <b>2020</b> , 144, 110237	3.8	12
960	The Enigmatic Role of Serum & Glucocorticoid Inducible Kinase 1 in the Endometrium. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 556543	5.7	1
959	Relationship between GFR, intact PTH, oxidized PTH, non-oxidized PTH as well as FGF23 in patients with CKD. <i>FASEB Journal</i> , <b>2020</b> , 34, 15269-15281	0.9	5
958	Annexin A7 Regulates Endometrial Receptivity. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 770	5.7	4
957	Green Tea Polyphenol-Sensitive Calcium Signaling in Immune T Cell Function. <i>Frontiers in Nutrition</i> , <b>2020</b> , 7, 616934	6.2	2
956	Klotho Deficiency Induces Arteriolar Hyalinosis in a Trade-Off with Vascular Calcification. <i>American Journal of Pathology</i> , <b>2019</b> , 189, 2503-2515	5.8	3
955	SGK1-dependent stimulation of vascular smooth muscle cell osteo-/chondrogenic transdifferentiation by interleukin-18. <i>Pflügers Archiv European Journal of Physiology</i> , <b>2019</b> , 471, 889-899	4.6	13

954	Regulation of fibroblast growth factor 23 (FGF23) in health and disease. <i>FEBS Letters</i> , <b>2019</b> , 593, 1879-1900	3.00	37
953	Tumor necrosis factor stimulates fibroblast growth factor 23 levels in chronic kidney disease and non-renal inflammation. <i>Kidney International</i> , <b>2019</b> , 96, 890-905	9.9	32
952	Upregulation of Orai1 and STIM1 expression as well as store-operated Ca entry in ovary carcinoma cells by placental growth factor. <i>Biochemical and Biophysical Research Communications</i> , <b>2019</b> , 512, 467-474	7.2	11
951	Signaling pathways involved in vascular smooth muscle cell calcification during hyperphosphatemia. <i>Cellular and Molecular Life Sciences</i> , <b>2019</b> , 76, 2077-2091	10.3	85
950	Noncoding variations in Cyp24a1 gene are associated with Klotho-mediated aging phenotypes in different strains of mice. <i>Aging Cell</i> , <b>2019</b> , 18, e12949	9.9	5
949	Oxidative stress, eryptosis and anemia: a pivotal mechanistic nexus in systemic diseases. <i>FEBS Journal</i> , <b>2019</b> , 286, 826-854	5.7	70
948	Gut Bacterial Metabolite Urolithin A (UA) Mitigates Ca Entry in T Cells by Regulating miR-10a-5p. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1737	8.4	19
947	Phosphate-induced ORAI1 expression and store-operated Ca entry in aortic smooth muscle cells. <i>Journal of Molecular Medicine</i> , <b>2019</b> , 97, 1465-1475	5.5	14
946	Garcinol A Novel Inhibitor of Platelet Activation and Apoptosis. <i>Toxins</i> , <b>2019</b> , 11,	4.9	1
945	Triggering of eryptosis, the suicidal erythrocyte death, by phenoxodiol. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2019</b> , 392, 1311-1318	3.4	4
944	Pivotal role of PDK1 in megakaryocyte cytoskeletal dynamics and polarization during platelet biogenesis. <i>Blood</i> , <b>2019</b> , 134, 1847-1858	2.2	11
943	Inhibition of vascular smooth muscle cell calcification by vasorin through interference with TGF $\beta$ 1 signaling. <i>Cellular Signalling</i> , <b>2019</b> , 64, 109414	4.9	8
942	Systems biology identifies cytosolic PLA2 as a target in vascular calcification treatment. <i>JCI Insight</i> , <b>2019</b> , 4,	9.9	21
941	Impact of C-reactive protein on osteo-/chondrogenic transdifferentiation and calcification of vascular smooth muscle cells. <i>Aging</i> , <b>2019</b> , 11, 5445-5462	5.6	21
940	1,25(OH)D in Brain Function and Neuropsychiatric Disease. <i>NeuroSignals</i> , <b>2019</b> , 27, 40-49	1.9	14
939	Inhibition of Collagen Related Peptide Induced Platelet Activation and Apoptosis by Ceritinib. <i>Cellular Physiology and Biochemistry</i> , <b>2018</b> , 45, 1707-1716	3.9	3
938	Elevated FGF23 Levels in Mice Lacking the Thiazide-Sensitive NaCl cotransporter (NCC). <i>Scientific Reports</i> , <b>2018</b> , 8, 3590	4.9	15
937	Fibulin-3 Attenuates Phosphate-Induced Vascular Smooth Muscle Cell Calcification by Inhibition of Oxidative Stress. <i>Cellular Physiology and Biochemistry</i> , <b>2018</b> , 46, 1305-1316	3.9	35

936	Zinc Inhibits Phosphate-Induced Vascular Calcification through TNFAIP3-Mediated Suppression of NF- $\kappa$ B. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2018</b> , 29, 1636-1648	12.7	66
935	Cellular markers of eryptosis are altered in type 2 diabetes. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2018</b> , 56, e177-e180	5.9	9
934	Ceramidase critically affects GPVI-dependent platelet activation and thrombus formation. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 496, 792-798	3.4	5
933	Rhomomyrtone (Rom) is a membrane-active compound. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2018</b> , 1860, 1114-1124	3.8	19
932	To die or not to die SGK1-sensitive ORAI/STIM in cell survival. <i>Cell Calcium</i> , <b>2018</b> , 74, 29-34	4	16
931	Ldlr and ApoE mice better mimic the human metabolite signature of increased carotid intima media thickness compared to other animal models of cardiovascular disease. <i>Atherosclerosis</i> , <b>2018</b> , 276, 140-147	3.1	7
930	Role of Cytosolic Serine Hydroxymethyl Transferase 1 (SHMT1) in Phosphate-Induced Vascular Smooth Muscle Cell Calcification. <i>Kidney and Blood Pressure Research</i> , <b>2018</b> , 43, 1212-1221	3.1	10
929	Therapeutic Interference With Vascular Calcification-Lessons From Klotho-Hypomorphic Mice and Beyond. <i>Frontiers in Endocrinology</i> , <b>2018</b> , 9, 207	5.7	20
928	Cellular stress induces erythrocyte assembly on intravascular von Willebrand factor strings and promotes microangiopathy. <i>Scientific Reports</i> , <b>2018</b> , 8, 10945	4.9	9
927	Impact of Altered Mineral Metabolism on Pathological Cardiac Remodeling in Elevated Fibroblast Growth Factor 23. <i>Frontiers in Endocrinology</i> , <b>2018</b> , 9, 333	5.7	20
926	Role of PKB/SGK-dependent phosphorylation of GSK-3 $\beta$ in vascular calcification during cholecalciferol overload in mice. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 503, 2068-2074	3.4	13
925	Reversine inhibits Colon Carcinoma Cell Migration by Targeting JNK1. <i>Scientific Reports</i> , <b>2018</b> , 8, 11821	4.9	12
924	Sonidegib, a Novel Inhibitor of Suicidal Erythrocyte Death. <i>Cellular Physiology and Biochemistry</i> , <b>2018</b> , 47, 1352-1364	3.9	1
923	Stimulation of Eryptosis by Afatinib. <i>Cellular Physiology and Biochemistry</i> , <b>2018</b> , 47, 1259-1273	3.9	5
922	SGK1 induces vascular smooth muscle cell calcification through NF- $\kappa$ B signaling. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 3024-3040	15.9	59
921	Serum- and glucocorticoid-inducible kinase 1 and the response to cell stress. <i>Cell Stress</i> , <b>2018</b> , 3, 1-8	5.5	23
920	LEFTY2 inhibits endometrial receptivity by downregulating Orai1 expression and store-operated Ca entry. <i>Journal of Molecular Medicine</i> , <b>2018</b> , 96, 173-182	5.5	9
919	FP089ARTERIOLAR HYALINOSIS IN KLOTHO DEFICIENCY. <i>Nephrology Dialysis Transplantation</i> , <b>2018</b> , 33, i77-i77	4.3	

918	Inhibition of Lithium Sensitive Orai1/ STIM1 Expression and Store Operated Ca <sup>2+</sup> Entry in Chorea-Acanthocytosis Neurons by NF- $\kappa$ B Inhibitor Wogonin. <i>Cellular Physiology and Biochemistry</i> , <b>2018</b> , 51, 278-289	3.9	7
917	Taurolidine Sensitivity of Eryptosis, the Suicidal Erythrocyte Death. <i>Cellular Physiology and Biochemistry</i> , <b>2018</b> , 51, 501-512	3.9	3
916	Stimulation of Eryptosis, the Suicidal Erythrocyte Death, by Costunolide. <i>Cellular Physiology and Biochemistry</i> , <b>2018</b> , 50, 2283-2295	3.9	5
915	Phosphate Homeostasis, Inflammation and the Regulation of FGF-23. <i>Kidney and Blood Pressure Research</i> , <b>2018</b> , 43, 1742-1748	3.1	23
914	Inhibition of Erythrocyte Cell Membrane Scrambling Following Energy Depletion and Hyperosmotic Shock by Aleletinib. <i>Cellular Physiology and Biochemistry</i> , <b>2018</b> , 51, 1996-2009	3.9	3
913	Adenylyl cyclase 6 in acid-base balance - adding complexity. <i>Clinical Science</i> , <b>2018</b> , 132, 1995-1997	6.5	
912	Heterotrimeric G-protein subunit G $\alpha$ 13 contributes to agonist-sensitive apoptosis and degranulation in murine platelets. <i>Physiological Reports</i> , <b>2018</b> , 6, e13841	2.6	3
911	In Silico Identification and in Vitro Analysis of B and T-Cell Epitopes of the Black Turtle Bean (Phaseolus Vulgaris L.) Lectin. <i>Cellular Physiology and Biochemistry</i> , <b>2018</b> , 49, 1600-1614	3.9	7
910	Genetic deficiency of the tumor suppressor protein p53 influences erythrocyte survival. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2018</b> , 23, 641-650	5.4	1
909	Trypanosoma brucei aquaglyceroporins mediate the transport of metabolic end-products: Methylglyoxal, D-lactate, L-lactate and acetate. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2018</b> , 1860, 2252-2261	3.8	7
908	A high-fat diet stimulates fibroblast growth factor 23 formation in mice through TNF $\alpha$ upregulation. <i>Nutrition and Diabetes</i> , <b>2018</b> , 8, 36	4.7	25
907	Identification of key lipids critical for platelet activation by comprehensive analysis of the platelet lipidome. <i>Blood</i> , <b>2018</b> , 132, e1-e12	2.2	45
906	AMP-activated kinase is a regulator of fibroblast growth factor 23 production. <i>Kidney International</i> , <b>2018</b> , 94, 491-501	9.9	32
905	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> , <b>2018</b> , 115, 5804-5809	11.5	56
904	SGK1 Inhibits Autophagy in Murine Muscle Tissue. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2018</b> , 2018, 4043726	6.7	11
903	SGK1-dependent ENaC processing and trafficking in mice with high dietary K intake and elevated aldosterone. <i>American Journal of Physiology - Renal Physiology</i> , <b>2017</b> , 312, F65-F76	4.3	29
902	Aquaglyceroporins Are the Entry Pathway of Boric Acid in Trypanosoma brucei. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2017</b> , 1859, 679-685	3.8	7
901	1 $\beta$ 25(OH) 2D3 Sensitive Cytosolic pH Regulation and Glycolytic Flux in Human Endometrial Ishikawa Cells. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 41, 678-688	3.9	2

900	Leucine-Rich Repeat Kinase 2 (Lrrk2)-Sensitive Na/K ATPase Activity in Dendritic Cells. <i>Scientific Reports</i> , <b>2017</b> , 7, 41117	4.9	3
899	Triggering of Suicidal Erythrocyte Death by Gefitinib. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 41, 1693-1708	3.9	9
898	Gum Arabic as novel anti-oxidant agent in sickle cell anemia, phase II trial. <i>BMC Hematology</i> , <b>2017</b> , 17, 4	2.5	30
897	Inhibition of osteo/chondrogenic transformation of vascular smooth muscle cells by MgCl <sub>2</sub> via calcium-sensing receptor. <i>Journal of Hypertension</i> , <b>2017</b> , 35, 523-532	1.9	30
896	Stimulation of Erythrocyte Cell Membrane Scrambling by C-Reactive Protein. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 41, 806-818	3.9	13
895	Doxepin inhibits GPVI-dependent platelet Ca signaling and collagen-dependent thrombus formation. <i>American Journal of Physiology - Cell Physiology</i> , <b>2017</b> , 312, C765-C774	5.4	5
894	Lipopeptide-Induced Suicidal Erythrocyte Death Correlates with the Degree of Acylation. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 41, 296-309	3.9	8
893	Triggering of Eryptosis, the Suicidal Erythrocyte Death, by Perifosine. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 41, 2534-2544	3.9	15
892	Inhibition of Suicidal Erythrocyte Death by Reversine. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 41, 2363-2373	3.9	11
891	Negative Effect of Ellagic Acid on Cytosolic pH Regulation and Glycolytic Flux in Human Endometrial Cancer Cells. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 41, 2374-2382	3.9	19
890	NFAT5-sensitive Orai1 expression and store-operated Ca entry in megakaryocytes. <i>FASEB Journal</i> , <b>2017</b> , 31, 3439-3448	0.9	12
889	Inhibition of Colon Carcinoma Cell Migration Following Treatment with Purified Venom from Lesser Weever Fish ( <i>Trachinus Viper</i> ). <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 41, 2279-2288	3.9	5
888	Involvement Of Vascular Aldosterone Synthase In Phosphate-Induced Osteogenic Transformation Of Vascular Smooth Muscle Cells. <i>Scientific Reports</i> , <b>2017</b> , 7, 2059	4.9	41
887	Suicidal death of erythrocytes in cancer and its chemotherapy: A potential target in the treatment of tumor-associated anemia. <i>International Journal of Cancer</i> , <b>2017</b> , 141, 1522-1528	7.5	33
886	Effects of Antimalarial Tafenoquine on Blood Platelet Activity and Survival. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 41, 369-380	3.9	1
885	Camalexin-Induced Cell Membrane Scrambling and Cell Shrinkage in Human Erythrocytes. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 41, 731-741	3.9	9
884	Inhibitory Effect of Afatinib on Platelet Activation and Apoptosis. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 43, 2264-2276	3.9	5
883	Loss of Endometrial Sodium Glucose Cotransporter SGLT1 is Detrimental to Embryo Survival and Fetal Growth in Pregnancy. <i>Scientific Reports</i> , <b>2017</b> , 7, 12612	4.9	21



882	Methods Employed in Cytofluorometric Assessment of Eryptosis, the Suicidal Erythrocyte Death. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 43, 431-444	3.9	27
881	Serum and Glucocorticoid Inducible Kinase 1-Sensitive Survival, Proliferation and Migration of Rhabdomyosarcoma Cells. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 43, 1301-1308	3.9	6
880	Simvastatin, a Novel Stimulator of Eryptosis, the Suicidal Erythrocyte Death. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 43, 492-506	3.9	12
879	Lithium Sensitivity of Store Operated Ca <sup>2+</sup> Entry and Survival of Fibroblasts Isolated from Chorea-Acanthocytosis Patients. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 42, 2066-2077	3.9	17
878	Stimulation of Phospholipid Scrambling of the Erythrocyte Membrane by 9-Cis-Retinoic Acid. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 41, 543-554	3.9	9
877	Relationship between bone turnover and left ventricular function in primary hyperparathyroidism: The EPATH trial. <i>PLoS ONE</i> , <b>2017</b> , 12, e0173799	3.7	7
876	SGLT1 Deficiency Turns Listeria Infection into a Lethal Disease in Mice. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 42, 1358-1365	3.9	13
875	Temsirolimus Sensitive Stimulation of Platelet Activity, Apoptosis and Aggregation by Collagen Related Peptide. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 42, 1252-1263	3.9	4
874	Effect of Bexarotene on Platelet Activation and Apoptosis. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 42, 838-847	3.9	3
873	CK2 $\alpha$ regulates thrombopoiesis and Ca-triggered platelet activation in arterial thrombosis. <i>Blood</i> , <b>2017</b> , 130, 2774-2785	2.2	25
872	TNF $\alpha$ induced up-regulation of Na,K,2Cl cotransporter NKCC1 in hepatic ammonia clearance and cerebral ammonia toxicity. <i>Scientific Reports</i> , <b>2017</b> , 7, 7938	4.9	8
871	Istaroxime Inhibits Motility and Down-Regulates Orai1 Expression, SOCE and FAK Phosphorylation in Prostate Cancer Cells. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 42, 1366-1376	3.9	6
870	Triggering of Eryptosis, the Suicidal Erythrocyte Death by Mammalian Target of Rapamycin (mTOR) inhibitor Temsirolimus. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 42, 1575-1591	3.9	10
869	Cre/lox-assisted non-invasive in vivo tracking of specific cell populations by positron emission tomography. <i>Nature Communications</i> , <b>2017</b> , 8, 444	17.4	28
868	Lithium Sensitive ORAI1 Expression, Store Operated Ca Entry and Suicidal Death of Neurons in Chorea-Acanthocytosis. <i>Scientific Reports</i> , <b>2017</b> , 7, 6457	4.9	17
867	Two Liters a Day Keep the Doctor Away? Considerations on the Pathophysiology of Suboptimal Fluid Intake in the Common Population. <i>Kidney and Blood Pressure Research</i> , <b>2017</b> , 42, 483-494	3.1	20
866	Trifluoperazine-Induced Suicidal Erythrocyte Death and S-Nitrosylation Inhibition, Reversed by the Nitric Oxide Donor Sodium Nitroprusside. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 42, 1985-1998	3.9	14
865	P38 Kinase, SGK1 and NF- $\kappa$ B Dependent Up-Regulation of Na <sup>+</sup> /Ca <sup>2+</sup> Exchanger Expression and Activity Following TGF $\beta$ Treatment of Megakaryocytes. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 42, 2169-2181	3.9	5



864	Inhibition of Erythrocyte Cell Membrane Scrambling by ASP3026. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 43, 507-517	3.9	8
863	Neurons, Erythrocytes and Beyond -The Diverse Functions of Chorein. <i>NeuroSignals</i> , <b>2017</b> , 25, 117-126	1.9	13
862	Role of Na <sup>+</sup> /Ca <sup>2+</sup> Exchangers in Therapy Resistance of Medulloblastoma Cells. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 42, 1240-1251	3.9	8
861	Inhibition of Suicidal Erythrocyte Death by Volasertib. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 43, 1472-1486	3.9	9
860	The production of fibroblast growth factor 23 is controlled by TGF- $\beta$ 2. <i>Scientific Reports</i> , <b>2017</b> , 7, 4982	4.9	22
859	Enhanced Reactive Oxygen Species Production, Acidic Cytosolic pH and Upregulated Na <sup>+</sup> /H <sup>+</sup> Exchanger (NHE) in Dicer Deficient CD4 <sup>+</sup> T Cells. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 42, 1377-1389	3.9	4
858	Thrombin-induced cytoskeleton dynamics in spread human platelets observed with fast scanning ion conductance microscopy. <i>Scientific Reports</i> , <b>2017</b> , 7, 4810	4.9	32
857	Do K 7.1 channels contribute to control of arterial vascular tone?. <i>British Journal of Pharmacology</i> , <b>2017</b> , 174, 150-162	8.6	13
856	DJ-1/Park7 Sensitive Na <sup>+</sup> /H <sup>+</sup> Exchanger 1 (NHE1) in CD4 T Cells. <i>Journal of Cellular Physiology</i> , <b>2017</b> , 232, 3050-3059	7	5
855	Stimulation of Erythrocyte Cell Membrane Scrambling by Adarotene. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 41, 519-529	3.9	11
854	Triggering of Suicidal Erythrocyte Death by Exemestane. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 42, 1-12	3.9	11
853	SGK1 up-regulates Orai1 expression and VSMC migration during neointima formation after arterial injury. <i>Thrombosis and Haemostasis</i> , <b>2017</b> , 117, 1002-1005	7	6
852	Eryptosis - the Neglected Cause of Anemia in End Stage Renal Disease. <i>Kidney and Blood Pressure Research</i> , <b>2017</b> , 42, 749-760	3.1	22
851	Downregulation of endometrial mesenchymal marker SUSD2 causes cell senescence and cell death in endometrial carcinoma cells. <i>PLoS ONE</i> , <b>2017</b> , 12, e0183681	3.7	13
850	Epigallocatechin-3-gallate (EGCG) up-regulates miR-15b expression thus attenuating store operated calcium entry (SOCE) into murine CD4 T cells and human leukaemic T cell lymphoblasts. <i>Oncotarget</i> , <b>2017</b> , 8, 89500-89514	3.3	12
849	PI3K-Dependent Platelet Signaling in Vascular Inflammation and Atherothrombosis. <i>Cardiac and Vascular Biology</i> , <b>2017</b> , 181-198	0.2	
848	Acetazolamide sensitive tissue calcification and aging of klotho-hypomorphic mice. <i>Journal of Molecular Medicine</i> , <b>2016</b> , 94, 95-106	5.5	18
847	Regulation of the epithelial Na <sup>+</sup> channel by the mTORC2/SGK1 pathway. <i>Nephrology Dialysis Transplantation</i> , <b>2016</b> , 31, 200-5	4.3	33

846	LEFTYA Activates the Epithelial Na <sup>+</sup> Channel (ENaC) in Endometrial Cells via Serum and Glucocorticoid Inducible Kinase SGK1. <i>Cellular Physiology and Biochemistry</i> , <b>2016</b> , 39, 1295-306	3.9	12
845	Alkaline Cytosolic pH and High Sodium Hydrogen Exchanger 1 (NHE1) Activity in Th9 Cells. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 23662-23671	5.4	12
844	Prolyl hydroxylase 3 (PHD3) expression augments the development of regulatory T cells. <i>Molecular Immunology</i> , <b>2016</b> , 76, 7-12	4.3	8
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842	LeftyA decreases Actin Polymerization and Stiffness in Human Endometrial Cancer Cells. <i>Scientific Reports</i> , <b>2016</b> , 6, 29370	4.9	21
841	Pharmacological targeting of glucose-6-phosphate dehydrogenase in human erythrocytes by Bay 11-7082, parthenolide and dimethyl fumarate. <i>Scientific Reports</i> , <b>2016</b> , 6, 28754	4.9	23
840	Stimulating Effect of Elvitegravir on Suicidal Erythrocyte Death. <i>Cellular Physiology and Biochemistry</i> , <b>2016</b> , 38, 1111-20	3.9	22
839	Effect of Lysosomotropic Polyamineoxidase Inhibitor MDL-72527 on Platelet Activation. <i>Cellular Physiology and Biochemistry</i> , <b>2016</b> , 38, 1695-702	3.9	1
838	Retroviral Transduction of Helper T Cells as a Genetic Approach to Study Mechanisms Controlling their Differentiation and Function. <i>Journal of Visualized Experiments</i> , <b>2016</b> ,	1.6	2
837	Ca <sup>2+</sup> Entry, Oxidative Stress, Ceramide and Suicidal Erythrocyte Death Following Diosgenin Treatment. <i>Cellular Physiology and Biochemistry</i> , <b>2016</b> , 39, 1626-37	3.9	39
836	Triggering of Erythrocyte Cell Membrane Scrambling by Emodin. <i>Cellular Physiology and Biochemistry</i> , <b>2016</b> , 40, 91-103	3.9	34
835	Enhanced Eryptosis Following Exposure to Dolutegravir. <i>Cellular Physiology and Biochemistry</i> , <b>2016</b> , 39, 639-50	3.9	31
834	Triggering of Suicidal Erythrocyte Death by Fascaplysin. <i>Cellular Physiology and Biochemistry</i> , <b>2016</b> , 39, 1638-47	3.9	25
833	1,25(OH) <sub>2</sub> D <sub>3</sub> Induces Actin Depolymerization in Endometrial Carcinoma Cells by Targeting RAC1 and PAK1. <i>Cellular Physiology and Biochemistry</i> , <b>2016</b> , 40, 1455-1464	3.9	13
832	Triggering of Suicidal Erythrocyte Death by Regorafenib. <i>Cellular Physiology and Biochemistry</i> , <b>2016</b> , 38, 160-72	3.9	44
831	Influence of Secretase Inhibitor 24-Diamino-5-Phenylthiazole DAPT on Platelet Activation. <i>Cellular Physiology and Biochemistry</i> , <b>2016</b> , 38, 726-36	3.9	7
830	Down-Regulation of Store-Operated Ca <sup>2+</sup> Entry and Na <sup>+</sup> /Ca <sup>2+</sup> Exchange in MCF-7 Breast Cancer Cells by Pharmacological JAK3 Inhibition. <i>Cellular Physiology and Biochemistry</i> , <b>2016</b> , 38, 1643-51	3.9	10
829	Decrease of Store-Operated Ca <sup>2+</sup> Entry and Increase of Na <sup>+</sup> /Ca <sup>2+</sup> Exchange by Pharmacological JAK2 Inhibition. <i>Cellular Physiology and Biochemistry</i> , <b>2016</b> , 38, 683-95	3.9	10

828	Anidulafungin-Induced Suicidal Erythrocyte Death. <i>Cellular Physiology and Biochemistry</i> , <b>2016</b> , 38, 2272-849	3.9	24
827	OSR1 and SPAK Sensitivity of Large-Conductance Ca <sup>2+</sup> Activated K <sup>+</sup> Channel. <i>Cellular Physiology and Biochemistry</i> , <b>2016</b> , 38, 1652-62	3.9	1
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824	Stimulating Effect of Manumycin A on Suicidal Erythrocyte Death. <i>Cellular Physiology and Biochemistry</i> , <b>2016</b> , 38, 1147-56	3.9	26
823	Stimulation of Suicidal Erythrocyte Death by the CDC25 Inhibitor NSC-95397. <i>Cellular Physiology and Biochemistry</i> , <b>2016</b> , 40, 597-607	3.9	27
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819	Stimulation of Eryptosis, the Suicidal Erythrocyte Death by Piceatannol. <i>Cellular Physiology and Biochemistry</i> , <b>2016</b> , 38, 2300-10	3.9	24
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816	Fibroblast growth factor (Fgf) 23 gene transcription depends on actin cytoskeleton reorganization. <i>FEBS Letters</i> , <b>2016</b> , 590, 705-15	3.8	16
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805	Stimulation of Eryptosis by Combretastatin A4 Phosphate Disodium (CA4P). <i>Cellular Physiology and Biochemistry</i> , <b>2016</b> , 38, 969-81	3.9	18
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729	Chorein Sensitive Dopamine Release from Pheochromocytoma (PC12) Cells. <i>NeuroSignals</i> , <b>2015</b> , 23, 1-10	1.9	14
728	Triggering of Suicidal Erythrocyte Death by Topotecan. <i>Cellular Physiology and Biochemistry</i> , <b>2015</b> , 37, 1607-18	3.9	47
727	Embelin-Induced Phosphatidylserine Translocation in the Erythrocyte Cell Membrane. <i>Cellular Physiology and Biochemistry</i> , <b>2015</b> , 37, 1629-40	3.9	49
726	SPAK Sensitive Regulation of the Epithelial Na Channel ENaC. <i>Kidney and Blood Pressure Research</i> , <b>2015</b> , 40, 335-43	3.1	5
725	Inhibition of Phosphate-Induced Vascular Smooth Muscle Cell Osteo-/Chondrogenic Signaling and Calcification by Bafilomycin A1 and Methylamine. <i>Kidney and Blood Pressure Research</i> , <b>2015</b> , 40, 490-9	3.1	26
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721	Oxaliplatin Induced Suicidal Death of Human Erythrocytes. <i>Cellular Physiology and Biochemistry</i> , <b>2015</b> , 37, 2393-404	3.9	45

720	Edelfosine Induced Suicidal Death of Human Erythrocytes. <i>Cellular Physiology and Biochemistry</i> , <b>2015</b> , 37, 2221-30	3.9	48
719	Lapatinib Induced Suicidal Death of Human Erythrocytes. <i>Cellular Physiology and Biochemistry</i> , <b>2015</b> , 37, 2275-87	3.9	49
718	Fucoxanthin Induced Suicidal Death of Human Erythrocytes. <i>Cellular Physiology and Biochemistry</i> , <b>2015</b> , 37, 2464-75	3.9	42
717	SPAK and OSR1 Sensitive Kir2.1 K <sup>+</sup> Channels. <i>NeuroSignals</i> , <b>2015</b> , 23, 20-33	1.9	10
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710	Enhanced suicidal erythrocyte death in acute cardiac failure. <i>European Journal of Clinical Investigation</i> , <b>2015</b> , 45, 1316-24	4.6	16
709	Gum Arabic as fetal hemoglobin inducing agent in sickle cell anemia; in vivo study. <i>BMC Hematology</i> , <b>2015</b> , 15, 19	2.5	15
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581	Effect of bacterial peptidoglycan on erythrocyte death and adhesion to endothelial cells. <i>International Journal of Medical Microbiology</i> , <b>2013</b> , 303, 182-9	3.7	13
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567	Triggering of suicidal erythrocyte death by celecoxib. <i>Toxins</i> , <b>2013</b> , 5, 1543-54	4.9	26
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22	Regulation of Kv1.3 during Fas-Induced Apoptosis. <i>Cellular Physiology and Biochemistry</i> , <b>1997</b> , 7, 148-158	3.9	12
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17	Inhibitory effects of oxidants on n-type K <sup>+</sup> channels in T lymphocytes and <i>Xenopus</i> oocytes. <i>Pflügers Archiv European Journal of Physiology</i> , <b>1997</b> , 433, 626-32	4.6	27
16	Tyrosine phosphorylation-dependent suppression of a voltage-gated K <sup>+</sup> channel in T lymphocytes upon Fas stimulation. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 20465-9	5.4	170
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10	Cell volume and hormone action. <i>Trends in Pharmacological Sciences</i> , <b>1992</b> , 13, 371-3	13.2	119
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6	A non-invasive technique for cell volume determination in perfused rat liver. <i>Biological Chemistry Hoppe-Seyler</i> , <b>1991</b> , 372, 411-8		38
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4	Volume regulation in liver: further characterization by inhibitors and ionic substitutions. <i>Hepatology</i> , <b>1990</b> , 11, 243-54	11.2	80
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2	Gut bacterial metabolite Urolithin A (UA) mitigates Ca <sup>2+</sup> entry in T cells by regulating miR-10a-5p		2
1	Targeting Lyn Kinase in Chorea-Acanthocytosis: A Translational Treatment Approach in an Ultra-Rare Disease		1



