

Zui Pan

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9147056/zui-pan-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

108
papers

4,956
citations

37
h-index

69
g-index

132
ext. papers

5,690
ext. citations

6.2
avg, IF

5.38
L-index

#	Paper	IF	Citations
108	Developing a Mathematical Model of Intracellular Calcium Dynamics for Evaluating Combined Anticancer Effects of Afatinib and RP4010 in Esophageal Cancer.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	2
107	A Fokker-Planck feedback control framework for optimal personalized therapies in colon cancer-induced angiogenesis.. <i>Journal of Mathematical Biology</i> , 2022 , 84, 23	2	0
106	Identification of a Putative Enhancer RNA for EGFR in Hyper-Accessible Regions in Esophageal Squamous Cell Carcinoma Cells by Analysis of Chromatin Accessibility Landscapes. <i>Frontiers in Oncology</i> , 2021 , 11, 724687	5.3	1
105	In Esophageal Squamous Cells From Eosinophilic Esophagitis Patients, Th2 Cytokines Increase Eotaxin-3 Secretion Through Effects on Intracellular Calcium and a Non-Gastric Proton Pump. <i>Gastroenterology</i> , 2021 , 160, 2072-2088.e6	13.3	8
104	Store-Operated Calcium Channels as Drug Target in Gastroesophageal Cancers. <i>Frontiers in Pharmacology</i> , 2021 , 12, 668730	5.6	5
103	Lower esophageal sphincter muscle of patients with achalasia exhibits profound mast cell degranulation. <i>Neurogastroenterology and Motility</i> , 2021 , 33, e14055	4	8
102	Mast cell effects on esophageal smooth muscle and their potential role in eosinophilic esophagitis and achalasia. <i>American Journal of Physiology - Renal Physiology</i> , 2021 , 320, G319-G327	5.1	2
101	Silicon Oxynitrophosphide Nanoscale Coating Enhances Antioxidant Marker-Induced Angiogenesis During in vivo Cranial Bone-Defect Healing. <i>JBMR Plus</i> , 2021 , 5, e10425	3.9	3
100	Old and new biomarkers for volumetric muscle loss. <i>Current Opinion in Pharmacology</i> , 2021 , 59, 61-69	5.1	1
99	Notch Intracellular Domain Plasmid Delivery via Poly(Lactic-Co-Glycolic Acid) Nanoparticles to Upregulate Notch Pathway Molecules. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 707897	5.4	1
98	Modular Design of Supramolecular Ionic Peptides with Cell-Selective Membrane Activity. <i>ChemBioChem</i> , 2021 , 22, 3164-3168	3.8	
97	Store-Operated Calcium Entry in the Cardiovascular System.. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1349, 303-333	3.6	0
96	Circulating IgGs in Type 2 Diabetes with Atrial Fibrillation Induce IP-Mediated Calcium Elevation in Cardiomyocytes. <i>IScience</i> , 2020 , 23, 101036	6.1	2
95	Influence of microbiota on immunity and immunotherapy for gastric and esophageal cancers. <i>Gastroenterology Report</i> , 2020 , 8, 206-214	3.3	10
94	S0449 A Genetic Mototype of LES Muscle Distinguishes Among Manometric Phenotypes in Patients With Achalasia Associated With Mast Cell Degranulation. <i>American Journal of Gastroenterology</i> , 2020 , 115, S224-S225	0.7	
93	Blocking Store-Operated Ca ²⁺ Entry to Protect Cardiomyocytes from Epirubicin-Induced Toxicity. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	1
92	Current advances in biodegradable synthetic polymer based cardiac patches. <i>Journal of Biomedical Materials Research - Part A</i> , 2020 , 108, 972-983	5.4	19

91	Combination of Disulfiram and Copper-Cysteamine Nanoparticles for an Enhanced Antitumor Effect on Esophageal Cancer. <i>ACS Applied Bio Materials</i> , 2020 , 3, 7147-7157	4.1	5
90	Combined Tumor Environment Triggered Self-Assembling Peptide Nanofibers and Inducible Multivalent Ligand Display for Cancer Cell Targeting with Enhanced Sensitivity and Specificity. <i>Small</i> , 2020 , 16, e2002780	11	5
89	Development of 3D Lymph Node Mimetic for Studying Prostate Cancer Metastasis. <i>Advanced Biology</i> , 2019 , 3, e1900019	3.5	3
88	Gut Antibody Deficiency in a Mouse Model of CVID Results in Spontaneous Development of a Gluten-Sensitive Enteropathy. <i>Frontiers in Immunology</i> , 2019 , 10, 2484	8.4	13
87	166 L-Type Calcium Channel Inhibitors (Verapamil and Diltiazem) Block Th2-Cytokine-Stimulated Eotaxin-3 Secretion in Esophageal Squamous Cells from Patients with Eosinophilic Esophagitis. <i>Gastroenterology</i> , 2019 , 156, S-39	13.3	2
86	Reveal the Role of Store-Operated Calcium Entry in Epirubicin-induced Acute Oxidative Stress in Cardiomyocytes. <i>FASEB Journal</i> , 2019 , 33, 824.7	0.9	
85	Experimental and Mathematical Modeling of Intracellular Calcium Dynamics for Anticancer Effects Evaluation in Esophageal Cancer. <i>FASEB Journal</i> , 2019 , 33, 600.1	0.9	
84	Selective inhibitory effects of zinc on cell proliferation in esophageal squamous cell carcinoma through Orai1. <i>FASEB Journal</i> , 2018 , 32, 404-416	0.9	37
83	Zinc deficiency and cellular oxidative stress: prognostic implications in cardiovascular diseases. <i>Acta Pharmacologica Sinica</i> , 2018 , 39, 1120-1132	8	117
82	Correcting Calcium Dysregulation in Chronic Heart Failure Using SERCA2a Gene Therapy. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	20
81	Quantum confined peptide assemblies with tunable visible to near-infrared spectral range. <i>Nature Communications</i> , 2018 , 9, 3217	17.4	76
80	Targeting Orai1-mediated store-operated calcium entry by RP4010 for anti-tumor activity in esophagus squamous cell carcinoma. <i>Cancer Letters</i> , 2018 , 432, 169-179	9.9	26
79	Elevated PBMC-derived oxidative stress in healthy young African American women. <i>FASEB Journal</i> , 2018 , 32, 730.7	0.9	
78	Targeting Orai1-mediated store-operated Ca ²⁺ entry by a novel compound RP4010 for anti-proliferative activity against esophagus squamous cell carcinoma. <i>FASEB Journal</i> , 2018 , 32, 750.38	0.9	
77	Mn Quenching Assay for Store-Operated Calcium Entry. <i>Methods in Molecular Biology</i> , 2018 , 1843, 55-62	1.4	5
76	Near infrared fluorescent peptide nanoparticles for enhancing esophageal cancer therapeutic efficacy. <i>Nature Communications</i> , 2018 , 9, 2605	17.4	87
75	Targeting calcium signaling in cancer therapy. <i>Acta Pharmaceutica Sinica B</i> , 2017 , 7, 3-17	15.5	267
74	Zinc transporters and dysregulated channels in cancers. <i>Frontiers in Bioscience - Landmark</i> , 2017 , 22, 623-683	683	57

73	Increased Neuronal Depolarization Evoked by Autoantibodies in Diabetic Obstructive Sleep Apnea: Role for Inflammatory Protease(s) in Generation of Neurotoxic Immunoglobulin Fragment. <i>Journal of Endocrinology and Diabetes</i> , 2017 , 4,	4	2
72	The role of Nedd4-1 WW domains in binding and regulating human organic anion transporter 1. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 311, F320-9	4.3	7
71	Zinc Binding to MG53 Protein Facilitates Repair of Injury to Cell Membranes. <i>Journal of Biological Chemistry</i> , 2015 , 290, 13830-9	5.4	25
70	Sarcoplipin overexpression improves muscle energetics and reduces fatigue. <i>Journal of Applied Physiology</i> , 2015 , 118, 1050-8	3.7	37
69	Open Sesame: treasure in store-operated calcium entry pathway for cancer therapy. <i>Science China Life Sciences</i> , 2015 , 58, 48-53	8.5	17
68	Strawberry phytochemicals inhibit azoxymethane/dextran sodium sulfate-induced colorectal carcinogenesis in Crj: CD-1 mice. <i>Nutrients</i> , 2015 , 7, 1696-715	6.7	54
67	Store-operated Ca ²⁺ entry in muscle physiology and diseases. <i>BMB Reports</i> , 2014 , 47, 69-79	5.5	52
66	Elevated Orai1 expression mediates tumor-promoting intracellular Ca ²⁺ oscillations in human esophageal squamous cell carcinoma. <i>Oncotarget</i> , 2014 , 5, 3455-71	3.3	101
65	Overexpression of human α -defensin 2 promotes growth and invasion during esophageal carcinogenesis. <i>Oncotarget</i> , 2014 , 5, 11333-44	3.3	23
64	Pro- and anti-mitogenic actions of pituitary adenylate cyclase-activating polypeptide in developing cerebral cortex: potential mediation by developmental switch of PAC1 receptor mRNA isoforms. <i>Journal of Neuroscience</i> , 2013 , 33, 3865-78	6.6	30
63	Type 1 inositol (1,4,5)-trisphosphate receptor activates ryanodine receptor 1 to mediate calcium spark signaling in adult mammalian skeletal muscle. <i>Journal of Biological Chemistry</i> , 2013 , 288, 2103-9	5.4	27
62	The Two-pore channel 2 (TPC2) mediates autophagy in skeletal muscles. <i>FASEB Journal</i> , 2013 , 27, lb86	0.9	
61	The transcriptional corepressor SMRTER influences both Notch and ecdysone signaling during <i>Drosophila</i> development. <i>Biology Open</i> , 2012 , 1, 182-196	2.2	9
60	Toxic role of K ⁺ channel oxidation in mammalian brain. <i>Journal of Neuroscience</i> , 2012 , 32, 4133-44	6.6	64
59	Nonmuscle myosin IIA facilitates vesicle trafficking for MG53-mediated cell membrane repair. <i>FASEB Journal</i> , 2012 , 26, 1875-83	0.9	50
58	Fluorescence-based measurement of store-operated calcium entry in live cells: from cultured cancer cell to skeletal muscle fiber. <i>Journal of Visualized Experiments</i> , 2012 ,	1.6	14
57	The transcriptional corepressor SMRTER influences both Notch and ecdysone signaling during <i>Drosophila</i> development. <i>Biology Open</i> , 2012 , 1, 182-96	2.2	12
56	Short-term and long-term effects of protein kinase C on the trafficking and stability of human organic anion transporter 3. <i>International Journal of Biochemistry and Molecular Biology</i> , 2012 , 3, 242-9	0.4	20

55	Anti-endothelial and anti-neuronal effects from auto-antibodies in subsets of adult diabetes having a cluster of microvascular complications. <i>Diabetes Research and Clinical Practice</i> , 2011 , 93, 95-105	7.4	14
54	tBHQ-induced HO-1 expression is mediated by calcium through regulation of Nrf2 binding to enhancer and polymerase II to promoter region of HO-1. <i>Chemical Research in Toxicology</i> , 2011 , 24, 670-6	4	22
53	Molecular architecture of Ca ²⁺ signaling control in muscle and heart cells. <i>Channels</i> , 2011 , 5, 391-6	3	15
52	A versatile single-plasmid system for tissue-specific and inducible control of gene expression in transgenic mice. <i>FASEB Journal</i> , 2011 , 25, 2638-49	0.9	18
51	Regulation of chlamydial infection by host autophagy and vacuolar ATPase-bearing organelles. <i>Infection and Immunity</i> , 2011 , 79, 4019-28	3.7	42
50	Store-operated Ca ²⁺ entry (SOCE) contributes to normal skeletal muscle contractility in young but not in aged skeletal muscle. <i>Aging</i> , 2011 , 3, 621-34	5.6	34
49	The Role of Dileucine in the Expression and Function of Human Organic Anion Transporter 1 (hOAT1). <i>International Journal of Biochemistry and Molecular Biology</i> , 2011 , 2, 31-38	0.4	1
48	Regulation of human organic anion transporter 4 by protein kinase C and NHERF-1: altering the endocytosis of the transporter. <i>Pharmaceutical Research</i> , 2010 , 27, 589-96	4.5	13
47	Involvement of Caveolin-1 in repair of DNA damage through both homologous recombination and non-homologous end joining. <i>PLoS ONE</i> , 2010 , 5, e12055	3.7	25
46	MG53 regulates membrane budding and exocytosis in muscle cells. <i>Journal of Biological Chemistry</i> , 2009 , 284, 3314-3322	5.4	79
45	Antibody to tropomyosin isoform 5 and complement induce the lysis of colonocytes in ulcerative colitis. <i>American Journal of Gastroenterology</i> , 2009 , 104, 2996-3003	0.7	13
44	Autoantibodies in type 2 diabetes induce stress fiber formation and apoptosis in endothelial cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 2171-7	5.6	27
43	The amino-terminal peptide of Bax perturbs intracellular Ca ²⁺ homeostasis to enhance apoptosis in prostate cancer cells. <i>American Journal of Physiology - Cell Physiology</i> , 2009 , 296, C267-72	5.4	14
42	Auto-phosphorylation of a voltage-gated K ⁺ channel controls non-associative learning. <i>EMBO Journal</i> , 2009 , 28, 1601-11	13	8
41	NAADP mobilizes calcium from acidic organelles through two-pore channels. <i>Nature</i> , 2009 , 459, 596-600	50.4	603
40	MG53 nucleates assembly of cell membrane repair machinery. <i>Nature Cell Biology</i> , 2009 , 11, 56-64	23.4	314
39	Productive Chlamydia trachomatis lymphogranuloma venereum 434 infection in cells with augmented or inactivated autophagic activities. <i>FEMS Microbiology Letters</i> , 2009 , 292, 240-9	2.9	20
38	Increased Store-Operated Ca ²⁺ Entry in Skeletal Muscle with Knockdown of Calsequestrin. <i>Biophysical Journal</i> , 2009 , 96, 115a	2.9	2

37	MG53 Nucleates Assembly Of Cell Membrane Repair Machinery. <i>Biophysical Journal</i> , 2009 , 96, 361a	2.9	4
36	Autoantibodies in Type 2 Diabetes Induce Stress Fiber Formation and Apoptosis in Endothelial Cells. <i>Molecular Endocrinology</i> , 2009 , 23, 734-734		78
35	Organic anion transporter OAT1 undergoes constitutive and protein kinase C-regulated trafficking through a dynamin- and clathrin-dependent pathway. <i>Journal of Biological Chemistry</i> , 2008 , 283, 32570-9	5.4	85
34	Overexpression of Bax induces down-regulation of store-operated calcium entry in prostate cancer cells. <i>Journal of Cellular Physiology</i> , 2008 , 216, 172-9	7	14
33	The transmembrane domain of TACE regulates protein ectodomain shedding. <i>Cell Research</i> , 2007 , 17, 985-98	24.7	23
32	TRIC channels are essential for Ca ²⁺ handling in intracellular stores. <i>Nature</i> , 2007 , 448, 78-82	50.4	120
31	The tail-anchoring domain of Bfl1 and HCCS1 targets mitochondrial membrane permeability to induce apoptosis. <i>Journal of Cell Science</i> , 2007 , 120, 2912-23	5.3	30
30	Determination of the external loops and the cellular orientation of the N- and the C-termini of the human organic anion transporter hOAT1. <i>Biochemical Journal</i> , 2007 , 401, 515-20	3.8	13
29	Mutations in JPH2-encoded junctophilin-2 associated with hypertrophic cardiomyopathy in humans. <i>Journal of Molecular and Cellular Cardiology</i> , 2007 , 42, 1026-35	5.8	135
28	Butylated hydroxyanisole regulates ARE-mediated gene expression via Nrf2 coupled with ERK and JNK signaling pathway in HepG2 cells. <i>Molecular Carcinogenesis</i> , 2006 , 45, 841-50	5	95
27	Immunolocalization of the hepatocyte growth factor (HGF) system in the rat ovary and the anti-apoptotic effect of HGF in rat ovarian granulosa cells in vitro. <i>Reproduction</i> , 2006 , 132, 291-9	3.8	32
26	Muscle aging is associated with compromised Ca ²⁺ spark signaling and segregated intracellular Ca ²⁺ release. <i>Journal of Cell Biology</i> , 2006 , 174, 639-45	7.3	105
25	The presenilin-2 loop peptide perturbs intracellular Ca ²⁺ homeostasis and accelerates apoptosis. <i>Journal of Biological Chemistry</i> , 2006 , 281, 16649-55	5.4	35
24	Azumolene inhibits a component of store-operated calcium entry coupled to the skeletal muscle ryanodine receptor. <i>Journal of Biological Chemistry</i> , 2006 , 281, 33477-86	5.4	72
23	Mechanism of action of isothiocyanates: the induction of ARE-regulated genes is associated with activation of ERK and JNK and the phosphorylation and nuclear translocation of Nrf2. <i>Molecular Cancer Therapeutics</i> , 2006 , 5, 1918-26	6.1	222
22	Uncoupling store-operated Ca ²⁺ entry and altered Ca ²⁺ release from sarcoplasmic reticulum through silencing of junctophilin genes. <i>Biophysical Journal</i> , 2006 , 90, 4418-27	2.9	75
21	Granzyme B is critical for T cell receptor-induced cell death of type 2 helper T cells. <i>Immunity</i> , 2006 , 25, 237-47	32.3	104
20	Uncontrolled calcium sparks act as a dystrophic signal for mammalian skeletal muscle. <i>Nature Cell Biology</i> , 2005 , 7, 525-30	23.4	138

19	Overexpression of Bax sensitizes prostate cancer cells to TGF-beta induced apoptosis. <i>Cell Research</i> , 2005 , 15, 160-6	24.7	22
18	The role of N-linked glycosylation in protein folding, membrane targeting, and substrate binding of human organic anion transporter hOAT4. <i>Molecular Pharmacology</i> , 2005 , 67, 868-76	4.3	98
17	Inhibition of intestinal tumorigenesis in Apcmin/+ mice by (-)-epigallocatechin-3-gallate, the major catechin in green tea. <i>Cancer Research</i> , 2005 , 65, 10623-31	10.1	177
16	Nuclear translocation of cytochrome c during apoptosis. <i>Journal of Biological Chemistry</i> , 2004 , 279, 24913-4	3.4	91
15	Co-expression of MG29 and ryanodine receptor leads to apoptotic cell death: effect mediated by intracellular Ca ²⁺ release. <i>Journal of Biological Chemistry</i> , 2004 , 279, 19387-90	5.4	16
14	The role of glycine residues in the function of human organic anion transporter 4. <i>Molecular Pharmacology</i> , 2004 , 65, 1141-7	4.3	29
13	Mutational analysis of histidine residues in human organic anion transporter 4 (hOAT4). <i>Biochemical Journal</i> , 2004 , 384, 87-92	3.8	16
12	A retrograde signal from calsequestrin for the regulation of store-operated Ca ²⁺ entry in skeletal muscle. <i>Journal of Biological Chemistry</i> , 2003 , 278, 3286-92	5.4	58
11	Junctional membrane structure and store operated calcium entry in muscle cells. <i>Frontiers in Bioscience - Landmark</i> , 2003 , 8, d242-55	2.8	38
10	Retrograde activation of store-operated calcium channel. <i>Cell Calcium</i> , 2003 , 33, 375-84	4	48
9	Ca ²⁺ dynamics of thrombin-stimulated rat heart-derived embryonic myocytes: relationship to protein synthesis and cell growth. <i>International Journal of Biochemistry and Cell Biology</i> , 2003 , 35, 1573-87	5.6	5
8	Dysfunction of store-operated calcium channel in muscle cells lacking mg29. <i>Nature Cell Biology</i> , 2002 , 4, 379-83	23.4	143
7	Ca(2+)-dependent interaction between FKBP12 and calcineurin regulates activity of the Ca(2+) release channel in skeletal muscle. <i>Biophysical Journal</i> , 2002 , 83, 2539-49	2.9	46
6	Synergistic movements of Ca(2+) and Bax in cells undergoing apoptosis. <i>Journal of Biological Chemistry</i> , 2001 , 276, 32257-63	5.4	63
5	RyR3 amplifies RyR1-mediated Ca(2+)-induced Ca(2+) release in neonatal mammalian skeletal muscle. <i>Journal of Biological Chemistry</i> , 2001 , 276, 40210-4	5.4	37
4	Depletion of intracellular Ca ²⁺ by caffeine and ryanodine induces apoptosis of chinese hamster ovary cells transfected with ryanodine receptor. <i>Journal of Biological Chemistry</i> , 2000 , 275, 19978-84	5.4	80
3	Interaction between protein kinase C and sphingomyelin/cholesterol. <i>Cell Biology International</i> , 1999 , 23, 457-63	4.5	2
2	A negatively charged region of the skeletal muscle ryanodine receptor is involved in Ca(2+)-dependent regulation of the Ca(2+) release channel. <i>FEBS Letters</i> , 1999 , 461, 157-64	3.8	15

- 1 A mechanism underlying stimulation and inhibition of protein kinase C by lyso-PC: A role of membrane physical state. *Science in China Series C: Life Sciences*, **1998**, 41, 584-91

1