Zhibo Gai

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7982090/publications.pdf

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60 papers	2,731 citations	218381 26 h-index	189595 50 g-index
62 all docs	62 docs citations	62 times ranked	4691 citing authors

#	Article	IF	Citations
1	SR-BI as a target of natural products and its significance in cancer. Seminars in Cancer Biology, 2022, 80, 18-38.	4.3	16
2	Comparison of analytical sensitivity and efficiency for SARS-CoV-2 primer sets by TaqMan-based and SYBR Green-based RT-qPCR. Applied Microbiology and Biotechnology, 2022, 106, 2207-2218.	1.7	8
3	Cholesterol stimulates the cellular uptake of L-carnitine by the carnitine/organic cation transporter novel 2 (OCTN2). Journal of Biological Chemistry, 2021, 296, 100204.	1.6	8
4	Oxidative stress increases 1-deoxysphingolipid levels in chronic kidney disease. Free Radical Biology and Medicine, 2021, 164, 139-148.	1.3	9
5	Thermoplasmonic-Assisted Cyclic Cleavage Amplification for Self-Validating Plasmonic Detection of SARS-CoV-2. ACS Nano, 2021, 15, 7536-7546.	7.3	44
6	The Role of the Carnitine/Organic Cation Transporter Novel 2 in the Clinical Outcome of Patients With Locally Advanced Esophageal Carcinoma Treated With Oxaliplatin. Frontiers in Pharmacology, 2021, 12, 684545.	1.6	5
7	Antioxidant Effects of Protocatechuic Acid and Protocatechuic Aldehyde: Old Wine in a New Bottle. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-19.	0.5	35
8	The Role of NF-κB in the Downregulation of Organic Cation Transporter 2 Expression and Renal Cation Secretion in Kidney Disease. Frontiers in Medicine, 2021, 8, 800421.	1.2	2
9	The role of cholesterol recognition (CARC/CRAC) mirror codes in the allosterism of the human organic cation transporter 2 (OCT2, SLC22A2). Biochemical Pharmacology, 2021, 194, 114840.	2.0	4
10	Farnesoid X receptor activation induces the degradation of hepatotoxic 1â€deoxysphingolipids in nonâ€alcoholic fatty liver disease. Liver International, 2020, 40, 844-859.	1.9	18
11	The Role of Mitochondria in Drug-Induced Kidney Injury. Frontiers in Physiology, 2020, 11, 1079.	1.3	23
12	An Overview of Lipid Metabolism and Nonalcoholic Fatty Liver Disease. BioMed Research International, 2020, 2020, 1-12.	0.9	82
13	Organic Cation Transporters in Human Physiology, Pharmacology, and Toxicology. International Journal of Molecular Sciences, 2020, 21, 7890.	1.8	42
14	The Significance of Natural Product Derivatives and Traditional Medicine for COVID-19. Processes, 2020, 8, 937.	1.3	23
15	Untargeted Metabolomics Reveals Anaerobic Glycolysis as a Novel Target of the Hepatotoxic Antidepressant Nefazodone. Journal of Pharmacology and Experimental Therapeutics, 2020, 375, 239-246.	1.3	5
16	Docosahexaenoic acid protects against palmitate-induced mitochondrial dysfunction in diabetic cardiomyopathy. Biomedicine and Pharmacotherapy, 2020, 128, 110306.	2.5	14
17	Farnesoid X receptor activation inhibits TGFBR1/TAK1-mediated vascular inflammation and calcification via miR-135a-5p. Communications Biology, 2020, 3, 327.	2.0	10
18	Plasma Membrane Cholesterol Regulates the Allosteric Binding of 1-Methyl-4-Phenylpyridinium to Organic Cation Transporter 2 (SLC22A2). Journal of Pharmacology and Experimental Therapeutics, 2020, 372, 46-53.	1.3	14

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19	Recent Progress on Lipid Intake and Chronic Kidney Disease. BioMed Research International, 2020, 2020, 1-11.	0.9	12
20	Dual-Functional Plasmonic Photothermal Biosensors for Highly Accurate Severe Acute Respiratory Syndrome Coronavirus 2 Detection. ACS Nano, 2020, 14, 5268-5277.	7.3	838
21	Obeticholic Acid Ameliorates Valproic Acidâ€“Induced Hepatic Steatosis and Oxidative Stress. Molecular Pharmacology, 2020, 97, 314-323.	1.0	23
22	microRNAâ€206 modulates the hepatic expression of the organic anionâ€transporting polypeptide 1B1. Liver International, 2019, 39, 2350-2359.	1.9	9
23	Arachidonic Acid Metabolism and Kidney Inflammation. International Journal of Molecular Sciences, 2019, 20, 3683.	1.8	191
24	Renal Reabsorption of Folates: Pharmacological and Toxicological Snapshots. Nutrients, 2019, 11, 2353.	1.7	16
25	Lipid Accumulation and Chronic Kidney Disease. Nutrients, 2019, 11, 722.	1.7	207
26	Molecular Mechanisms of Colistin-Induced Nephrotoxicity. Molecules, 2019, 24, 653.	1.7	84
27	Renal Glycosuria as a Novel Early Sign of Colistin-Induced Kidney Damage in Mice. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	5
28	Effects of Farnesiferol B on Ischemia-Reperfusion-Induced Renal Damage, Inflammation, and NF-Î²B Signaling. International Journal of Molecular Sciences, 2019, 20, 6280.	1.8	15
29	Farnesoid X Receptor (FXR) Aggravates Amyloid-Î²-Triggered Apoptosis by Modulating the cAMP-Response Element-Binding Protein (CREB)/Brain-Derived Neurotrophic Factor (BDNF) Pathway In Vitro. Medical Science Monitor, 2019, 25, 9335-9345.	0.5	23
30	Bile Acids and Farnesoid X Receptor: Novel Target for the Treatment of Diabetic Cardiomyopathy. Current Protein and Peptide Science, 2019, 20, 976-983.	0.7	10
31	Vitamin D and Vitamin D Receptor: New Insights in the Treatment of Hypertension. Current Protein and Peptide Science, 2019, 20, 984-995.	0.7	36
32	Drug-induced bile duct injury. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 1498-1506.	1.8	59
33	Low expression level of ASK1-interacting protein-1 correlated with tumor angiogenesis and poor survival in patients with esophageal squamous cell cancer. OncoTargets and Therapy, 2018, Volume 11, 7699-7707.	1.0	9
34	Fluorocholine Transport Mediated by the Organic Cation Transporter 2 (OCT2, SLC22A2): Implication for Imaging of Kidney Tumors. Drug Metabolism and Disposition, 2018, 46, 1129-1136.	1.7	17
35	Effects of Farnesoid X Receptor Activation on Arachidonic Acid Metabolism, NF-κB Signaling, and Hepatic Inflammation. Molecular Pharmacology, 2018, 94, 802-811.	1.0	69
36	Colistin is Substrate of the Carnitine/Organic Cation Transporter 2 (OCTN2, SLC22A5). Drug Metabolism and Disposition, 2017, 45, 1240-1244.	1.7	25

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37	Farnesoid X receptor activation protects the kidney from ischemia-reperfusion damage. Scientific Reports, 2017, 7, 9815.	1.6	54
38	TNF-Î± Deficiency Prevents Renal Inflammation and Oxidative Stress in Obese Mice. Kidney and Blood Pressure Research, 2017, 42, 416-427.	0.9	43
39	Vitamin D 3 transactivates the zinc and manganese transporter SLC30A10 via the Vitamin D receptor. Journal of Steroid Biochemistry and Molecular Biology, 2016, 163, 77-87.	1.2	69
40	Organic Cation Transporter 2 Overexpression May Confer an Increased Risk of Gentamicin-Induced Nephrotoxicity. Antimicrobial Agents and Chemotherapy, 2016, 60, 5573-5580.	1.4	40
41	Farnesoid X Receptor Protects against Kidney Injury in Uninephrectomized Obese Mice. Journal of Biological Chemistry, 2016, 291, 2397-2411.	1.6	64
42	Genome-wide profiling to analyze the effects of FXR activation on mouse renal proximal tubular cells. Genomics Data, 2015, 6, 31-32.	1.3	9
43	Cystatin C predicts diabetic retinopathy in Chinese patients with type 2 diabetes. International Journal of Diabetes in Developing Countries, 2015, 35, 398-404.	0.3	2
44	The organic solute transporters alpha and beta are induced by hypoxia in human hepatocytes. Liver International, 2015, 35, 1152-1161.	1.9	19
45	Opposing Effects of Reduced Kidney Mass on Liver and Skeletal Muscle Insulin Sensitivity in Obese Mice. Diabetes, 2015, 64, 1131-1141.	0.3	10
46	Bile acids but not acidic acids induce Barrett's esophagus. International Journal of Clinical and Experimental Pathology, 2015, 8, 1384-92.	0.5	29
47	Effect of chronic renal failure on the hepatic, intestinal, and renal expression of bile acid transporters. American Journal of Physiology - Renal Physiology, 2014, 306, F130-F137.	1.3	37
48	Uninephrectomy augments the effects of high fat diet induced obesity on gene expression in mouse kidney. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 1870-1878.	1.8	40
49	Genome-wide profiling to analyze the effects of high fat diet induced obesity on renal gene expression in mouse with reduced renal mass. Genomics Data, 2014, 2, 42-43.	1.3	4
50	The loss of Trps1 suppresses ureteric bud branching because of the activation of TGF-Î² signaling. Developmental Biology, 2013, 377, 415-427.	0.9	11
51	Loss of Smad3 gives rise to poor soft callus formation and accelerates early fracture healing. Experimental and Molecular Pathology, 2011, 90, 107-115.	0.9	15
52	Aberrant expression of the P2 promoter-specific transcript Runx1 in epiphyseal cartilage of Trps1-null mice. Experimental and Molecular Pathology, 2011, 90, 143-148.	0.9	6
53	The function of TRPS1 in the development and differentiation of bone, kidney, and hair follicles. Histology and Histopathology, 2011, 26, 915-21.	0.5	30
54	SNAIL induces epithelial-to-mesenchymal transition in a human pancreatic cancer cell line (BxPC3) and promotes distant metastasis and invasiveness in vivo. Experimental and Molecular Pathology, 2010, 89, 149-157.	0.9	54

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55	Trps1 Haploinsufficiency Promotes Renal Fibrosis by Increasing Arkadia Expression. Journal of the American Society of Nephrology: JASN, 2010, 21, 1468-1476.	3.0	38
56	Trps1 Functions Downstream of Bmp7 in Kidney Development. Journal of the American Society of Nephrology: JASN, 2009, 20, 2403-2411.	3.0	39
57	Trps1 plays a pivotal role downstream of Gdf5 signaling in promoting chondrogenesis and apoptosis of ATDC5 cells. Genes To Cells, 2008, 13, 355-363.	0.5	41
58	TNF-Î± deficiency accelerates renal tubular interstitial fibrosis in the late stage of ureteral obstruction. Experimental and Molecular Pathology, 2008, 85, 207-213.	0.9	32
59	Trps1 deficiency enlarges the proliferative zone of growth plate cartilage by upregulation of Pthrp. Bone, 2008, 43, 64-71.	1.4	30
60	Prognostic Impact of the Angiogenic Gene POSTN and Its Related Genes on Lung Adenocarcinoma. Frontiers in Oncology, 0, 12, .	1.3	3