

# Ben Chi Bun Ko

## List of Publications by Year in descending order

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27  
papers

4,736  
citations

394421

19  
h-index

642732

23  
g-index

27  
all docs

27  
docs citations

27  
times ranked

11182  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
2	Identification and Characterization of Multiple Osmotic Response Sequences in the Human Aldose Reductase Gene. <i>Journal of Biological Chemistry</i> , 1997, 272, 16431-16437.	3.4	189
3	Sirtuin 1 Is Upregulated in a Subset of Hepatocellular Carcinomas where It Is Essential for Telomere Maintenance and Tumor Cell Growth. <i>Cancer Research</i> , 2011, 71, 4138-4149.	0.9	189
4	SIRT2 overexpression in hepatocellular carcinoma mediates epithelial to mesenchymal transition by protein kinase B/glycogen synthase kinase-3 $\beta$ / $\beta$ -catenin signaling. <i>Hepatology</i> , 2013, 57, 2287-2298.	7.3	179
5	Alisol B, a Novel Inhibitor of the Sarcoplasmic/Endoplasmic Reticulum Ca <sup>2+</sup> ATPase Pump, Induces Autophagy, Endoplasmic Reticulum Stress, and Apoptosis. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 718-730.	4.1	136
6	Fyn and p38 Signaling Are Both Required for Maximal Hypertonic Activation of the Osmotic Response Element-binding Protein/Tonicity-responsive Enhancer-binding Protein (OREBP/TonEBP). <i>Journal of Biological Chemistry</i> , 2002, 277, 46085-46092.	3.4	132
7	Purification, Identification, and Characterization of an Osmotic Response Element Binding Protein. <i>Biochemical and Biophysical Research Communications</i> , 2000, 270, 52-61.	2.1	128
8	Pseudolaric Acid B, a Novel Microtubule-Destabilizing Agent That Circumvents Multidrug Resistance Phenotype and Exhibits Antitumor Activity In vivo. <i>Clinical Cancer Research</i> , 2005, 11, 6002-6011.	7.0	108
9	NFAT5 in cellular adaptation to hypertonic stress – regulations and functional significance. <i>Journal of Molecular Signaling</i> , 2013, 8, 5.	0.5	92
10	Osmotic Response Element-binding Protein (OREBP) Is an Essential Regulator of the Urine Concentrating Mechanism. <i>Journal of Biological Chemistry</i> , 2004, 279, 48048-48054.	3.4	85
11	Overexpression of aldose reductase in liver cancers may contribute to drug resistance. <i>Anti-Cancer Drugs</i> , 2001, 12, 129-132.	1.4	66
12	Regulation of Nucleocytoplasmic Trafficking of Transcription Factor OREBP/TonEBP/NFAT5. <i>Journal of Biological Chemistry</i> , 2006, 281, 23870-23879.	3.4	56
13	Solution structures, dynamics, and lipid-binding of the sterile $\beta$ -motif domain of the deleted in liver cancer 2. <i>Proteins: Structure, Function and Bioinformatics</i> , 2007, 67, 1154-1166.	2.6	41
14	Embryonic Lethality in Mice Lacking the Nuclear Factor of Activated T Cells 5 Protein Due to Impaired Cardiac Development and Function. <i>PLoS ONE</i> , 2011, 6, e19186.	2.5	37
15	Phosphorylation by Casein Kinase 1 Regulates Tonicity-induced Osmotic Response Element-binding Protein/Tonicity Enhancer-binding Protein Nucleocytoplasmic Trafficking. <i>Journal of Biological Chemistry</i> , 2008, 283, 17624-17634.	3.4	33
16	The CCCTC-binding factor (CTCF)-forkhead box protein M1 axis regulates tumour growth and metastasis in hepatocellular carcinoma. <i>Journal of Pathology</i> , 2017, 243, 418-430.	4.5	29
17	Transgenic Mice Expressing Dominant-negative Osmotic-response Element-binding Protein (OREBP) in Lens Exhibit Fiber Cell Elongation Defect Associated with Increased DNA Breaks. <i>Journal of Biological Chemistry</i> , 2005, 280, 19986-19991.	3.4	28
18	Discovery of Osmosensitive Transcriptional Regulation of Human Cytochrome P450 3As by the Tonicity-Responsive Enhancer Binding Protein (Nuclear Factor of Activated T Cells 5). <i>Molecular Pharmacology</i> , 2007, 72, 826-837.	2.3	24

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19	Design, synthesis, and evaluation of a new class of noncyclic 1,3-dicarbonyl compounds as PPAR $\alpha$ selective activators. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 3507-3511.	2.2	20
20	Heparin sulphate d-glucosaminyl 3-O-sulfotransferase 3B1 plays a role in HBV replication. <i>Virology</i> , 2010, 406, 280-285.	2.4	18
21	Nuclear Factor of Activated T Cells 5 Deficiency Increases the Severity of Neuronal Cell Death in Ischemic Injury. <i>NeuroSignals</i> , 2012, 20, 237-51.	0.9	18
22	Long noncoding RNA ELDR promotes cell cycle progression in normal oral keratinocytes through induction of a CTCF-FOXM1-AURKA signaling axis. <i>Journal of Biological Chemistry</i> , 2022, 298, 101895.	3.4	5
23	Unconventional tonicity-regulated nuclear trafficking of NFAT5 mediated by KPNB1, XPOT and RUVBL2. <i>Journal of Cell Science</i> , 2022, 135, .	2.0	1
24	The role of chromatin remodeling in the regulation of OREBP /TonEBP /NFAT5 $\alpha$ -dependent gene transcriptions.. <i>FASEB Journal</i> , 2007, 21, A961.	0.5	0
25	The role of phosphorylations in hypotonic nuclear export of OREBP/TonEBP/NFAT5. <i>FASEB Journal</i> , 2008, 22, 933.3.	0.5	0
26	Functional characterization of the nuclear localization signal of OREBP/TonEBP. <i>FASEB Journal</i> , 2011, 25, 1047.8.	0.5	0
27	CDK9 regulates hypotonicity-induced nuclear export of NFAT5. <i>FASEB Journal</i> , 2012, 26, lb163.	0.5	0