

# Chun-Seok Cho

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6983861/publications.pdf>

Version: 2024-02-01

20  
papers

1,361  
citations

623188

14  
h-index

794141

19  
g-index

24  
all docs

24  
docs citations

24  
times ranked

2548  
citing authors

#	ARTICLE	IF	CITATIONS
1	A specific and sensitive method for detection of hypochlorous acid for the imaging of microbe-induced HOCl production. <i>Chemical Communications</i> , 2011, 47, 4373.	2.2	238
2	Microscopic examination of spatial transcriptome using Seq-Scope. <i>Cell</i> , 2021, 184, 3559-3572.e22.	13.5	233
3	Janus-faced Sestrin2 controls ROS and mTOR signalling through two separate functional domains. <i>Nature Communications</i> , 2015, 6, 10025.	5.8	122
4	Irreversible Inactivation of Glutathione Peroxidase 1 and Reversible Inactivation of Peroxiredoxin II by H <sub>2</sub> O <sub>2</sub> in Red Blood Cells. <i>Antioxidants and Redox Signaling</i> , 2010, 12, 1235-1246.	2.5	117
5	Circadian rhythm of hyperoxidized peroxiredoxin II is determined by hemoglobin autoxidation and the 20S proteasome in red blood cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12043-12048.	3.3	110
6	Biochemical Basis of Sestrin Physiological Activities. <i>Trends in Biochemical Sciences</i> , 2016, 41, 621-632.	3.7	90
7	Tumor suppressive role of sestrin2 during colitis and colon carcinogenesis. <i>ELife</i> , 2016, 5, e12204.	2.8	74
8	Sestrins are evolutionarily conserved mediators of exercise benefits. <i>Nature Communications</i> , 2020, 11, 190.	5.8	71
9	Lipotoxicity induces hepatic protein inclusions through TANK binding kinase 1-mediated p62/sequestosome 1 phosphorylation. <i>Hepatology</i> , 2018, 68, 1331-1346.	3.6	70
10	Hydroxyurea-Induced Expression of Glutathione Peroxidase 1 in Red Blood Cells of Individuals with Sickle Cell Anemia. <i>Antioxidants and Redox Signaling</i> , 2010, 13, 1-11.	2.5	47
11	Autophagy Dysregulation and Obesity-Associated Pathologies. <i>Molecules and Cells</i> , 2018, 41, 3-10.	1.0	41
12	Single-Cell Transcriptome Analysis of Colon Cancer Cell Response to 5-Fluorouracil-Induced DNA Damage. <i>Cell Reports</i> , 2020, 32, 108077.	2.9	40
13	The RING-H2 finger protein APC11 as a target of hydrogen peroxide. <i>Free Radical Biology and Medicine</i> , 2004, 37, 521-530.	1.3	27
14	SIRT3 as a regulator of hepatic autophagy. <i>Hepatology</i> , 2017, 66, 700-702.	3.6	17
15	Holistic characterization of single-hepatocyte transcriptome responses to high-fat diet. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 320, E244-E258.	1.8	17
16	Concurrent activation of growth factor and nutrient arms of mTORC1 induces oxidative liver injury. <i>Cell Discovery</i> , 2019, 5, 60.	3.1	14
17	Blot-Based Detection of Dehydroalanine-Containing Glutathione Peroxidase with the Use of Biotin-Conjugated Cysteamine. <i>Methods in Enzymology</i> , 2010, 474, 23-34.	0.4	13
18	Pathological Consequences of Hepatic mTORC1 Dysregulation. <i>Genes</i> , 2020, 11, 896.	1.0	8

#	ARTICLE	IF	CITATIONS
19	Simultaneous loss of TSC1 and DEPDC5 in skeletal and cardiac muscles produces early-onset myopathy and cardiac dysfunction associated with oxidative damage and SQSTM1/p62 accumulation. <i>Autophagy</i> , 2022, 18, 2303-2322.	4.3	5
20	Sulfiredoxin Is Essential to Maintain Redox Homeostasis by Reactivating Antioxidant Function of Peroxiredoxin II in Red Blood Cells. <i>Free Radical Biology and Medicine</i> , 2012, 53, S104.	1.3	0