

# Jae Ho Seo

## List of Publications by Year in descending order

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27  
papers

1,633  
citations

394286

19  
h-index

642610

23  
g-index

29  
all docs

29  
docs citations

29  
times ranked

3219  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tyr Phosphorylation of PDP1 Toggles Recruitment between ACAT1 and SIRT3 to Regulate the Pyruvate Dehydrogenase Complex. <i>Molecular Cell</i> , 2014, 53, 534-548.	4.5	247
2	6-Phosphogluconate dehydrogenase links oxidative PPP, lipogenesis and tumour growth by inhibiting LKB1-AMPK signalling. <i>Nature Cell Biology</i> , 2015, 17, 1484-1496.	4.6	224
3	Mitochondrial Akt Regulation of Hypoxic Tumor Reprogramming. <i>Cancer Cell</i> , 2016, 30, 257-272.	7.7	158
4	Metabolic Rewiring by Oncogenic BRAF V600E Links Ketogenesis Pathway to BRAF-MEK1 Signaling. <i>Molecular Cell</i> , 2015, 59, 345-358.	4.5	125
5	The Mitochondrial Unfoldase-Peptidase Complex ClpXP Controls Bioenergetics Stress and Metastasis. <i>PLoS Biology</i> , 2016, 14, e1002507.	2.6	118
6	A neuronal network of mitochondrial dynamics regulates metastasis. <i>Nature Communications</i> , 2016, 7, 13730.	5.8	112
7	Adaptive Mitochondrial Reprogramming and Resistance to PI3K Therapy. <i>Journal of the National Cancer Institute</i> , 2015, 107, .	3.0	91
8	Survivin promotes oxidative phosphorylation, subcellular mitochondrial repositioning, and tumor cell invasion. <i>Science Signaling</i> , 2015, 8, ra80.	1.6	84
9	An Artificial Intelligence Model to Predict the Mortality of COVID-19 Patients at Hospital Admission Time Using Routine Blood Samples: Development and Validation of an Ensemble Model. <i>Journal of Medical Internet Research</i> , 2020, 22, e25442.	2.1	64
10	The mitophagy effector FUNDC1 controls mitochondrial reprogramming and cellular plasticity in cancer cells. <i>Science Signaling</i> , 2020, 13, .	1.6	51
11	Syntaphilin Ubiquitination Regulates Mitochondrial Dynamics and Tumor Cell Movements. <i>Cancer Research</i> , 2018, 78, 4215-4228.	0.4	47
12	Novel Protective Mechanism against Irreversible Hyperoxidation of Peroxiredoxin. <i>Journal of Biological Chemistry</i> , 2009, 284, 13455-13465.	1.6	43
13	Syntaphilin controls a mitochondrial rheostat for proliferation-motility decisions in cancer. <i>Journal of Clinical Investigation</i> , 2017, 127, 3755-3769.	3.9	37
14	MFF Regulation of Mitochondrial Cell Death Is a Therapeutic Target in Cancer. <i>Cancer Research</i> , 2019, 79, 6215-6226.	0.4	34
15	Mitochondrial fission factor is a novel Myc-dependent regulator of mitochondrial permeability in cancer. <i>EBioMedicine</i> , 2019, 48, 353-363.	2.7	33
16	Akt phosphorylation of mitochondrial Lonp1 protease enables oxidative metabolism and advanced tumor traits. <i>Oncogene</i> , 2019, 38, 6926-6939.	2.6	32
17	Prediction and Feature Importance Analysis for Severity of COVID-19 in South Korea Using Artificial Intelligence: Model Development and Validation. <i>Journal of Medical Internet Research</i> , 2021, 23, e27060.	2.1	27
18	IDH2 reprograms mitochondrial dynamics in cancer through a HIF1 $\alpha$ -regulated pseudohypoxic state. <i>FASEB Journal</i> , 2019, 33, 13398-13411.	0.2	26

#	ARTICLE	IF	CITATIONS
19	Myc-mediated transcriptional regulation of the mitochondrial chaperone TRAP1 controls primary and metastatic tumor growth. <i>Journal of Biological Chemistry</i> , 2019, 294, 10407-10414.	1.6	25
20	Apigenin Alleviates Oxidative Stress-Induced Cellular Senescence via Modulation of the SIRT1-NAD <sup>+</sup> -CD38 Axis. <i>The American Journal of Chinese Medicine</i> , 2021, 49, 1235-1250.	1.5	24
21	Luteolin inhibits H <sub>2</sub> O <sub>2</sub> -induced cellular senescence <i>via</i> modulation of SIRT1 and p53. <i>Korean Journal of Physiology and Pharmacology</i> , 2021, 25, 297-305.	0.6	20
22	Protective effects of Coenzyme Q10 against acute pancreatitis. <i>International Immunopharmacology</i> , 2020, 88, 106900.	1.7	9
23	Lysyl oxidaseâ€variant 2 ( LOX â€2) colocalizes with promyelocytic leukemiaâ€nuclear bodies in the nucleus. <i>IUBMB Life</i> , 2020, 72, 2400-2408.	1.5	2
24	Sulfiredoxin Protects Peroxiredoxin II Overoxidation by Inhibiting Disulfide to Sulfhydryl Regeneration Step in Peroxidase Catalysis. <i>Free Radical Biology and Medicine</i> , 2010, 49, S186.	1.3	0
25	Abstract B09: Mitochondrial respiration controlled by survivin directs mitochondrial dynamics and tumor cell invasion. , 2016, , .		0
26	Abstract 1457: Akt phosphorylation of mitochondrial Lonp1 protease enables oxidative metabolism and advanced tumor traits. , 2020, , .		0
27	DRG2 Accelerates Senescence via Negative Regulation of SIRT1 in Human Diploid Fibroblasts. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-16.	1.9	0