

Gaowei Mao

List of Publications by Year in descending order

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13
papers

3,941
citations

840776

11
h-index

1125743

13
g-index

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all docs

16
docs citations

16
times ranked

3974
citing authors

#	ARTICLE	IF	CITATIONS
1	ACSL4 dictates ferroptosis sensitivity by shaping cellular lipid composition. <i>Nature Chemical Biology</i> , 2017, 13, 91-98.	8.0	2,069
2	Oxidized arachidonic and adrenic PEs navigate cells to ferroptosis. <i>Nature Chemical Biology</i> , 2017, 13, 81-90.	8.0	1,589
3	Empowerment of 15-Lipoxygenase Catalytic Competence in Selective Oxidation of Membrane ETE-PE to Ferroptotic Death Signals, HpETE-PE. <i>Journal of the American Chemical Society</i> , 2018, 140, 17835-17839.	13.7	63
4	A Mitochondria-Targeted Vitamin E Derivative Decreases Hepatic Oxidative Stress and Inhibits Fat Deposition in Mice , ,. <i>Journal of Nutrition</i> , 2010, 140, 1425-1431.	2.9	35
5	“Only a Life Lived for Others Is Worth Living” Redox Signaling by Oxygenated Phospholipids in Cell Fate Decisions. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 1333-1358.	5.4	33
6	Superoxide Mediates Acute Liver Injury in Irradiated Mice Lacking Sirtuin 3. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 1423-1435.	5.4	30
7	Effect of a mitochondria-targeted vitamin E derivative on mitochondrial alteration and systemic oxidative stress in mice. <i>British Journal of Nutrition</i> , 2011, 106, 87-95.	2.3	28
8	Caffeine ameliorates high energy diet-induced hepatic steatosis: sirtuin 3 acts as a bridge in the lipid metabolism pathway. <i>Food and Function</i> , 2015, 6, 2578-2587.	4.6	26
9	Mitochondrial Redox Opto-Lipidomics Reveals Mono-Oxygenated Cardiolipins as Pro-Apoptotic Death Signals. <i>ACS Chemical Biology</i> , 2016, 11, 530-540.	3.4	22
10	N-acetyl-l-cysteine increases MnSOD activity and enhances the recruitment of quiescent human fibroblasts to the proliferation cycle during wound healing. <i>Molecular Biology Reports</i> , 2016, 43, 31-39.	2.3	18
11	Structural Re-arrangement and Peroxidase Activation of Cytochrome c by Anionic Analogues of Vitamin E, Tocopherol Succinate and Tocopherol Phosphate. <i>Journal of Biological Chemistry</i> , 2014, 289, 32488-32498.	3.4	15
12	Retroviral-infection increases tumorigenic potential of MDA-MB-231 breast carcinoma cells by expanding an aldehyde dehydrogenase (ALDH1) positive stem-cell like population. <i>Redox Biology</i> , 2014, 2, 847-854.	9.0	8
13	Low-Dose Radiation-Induced Enhancement of Thymic Lymphomagenesis in Lck-Bax Mice is Dependent on LET and Gender. <i>Radiation Research</i> , 2013, 180, 156-165.	1.5	5