

Jae Hyun Byun

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

314
citations

933447

10
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

354
citing authors

#	ARTICLE	IF	CITATIONS
1	Pcsk9 knockout exacerbates diet-induced non-alcoholic steatohepatitis, fibrosis and liver injury in mice. <i>JHEP Reports</i> , 2019, 1, 418-429.	4.9	51
2	Caffeine blocks SREBP2-induced hepatic PCSK9 expression to enhance LDLR-mediated cholesterol clearance. <i>Nature Communications</i> , 2022, 13, 770.	12.8	47
3	Diet-induced hepatic steatosis abrogates cell-surface LDLR by inducing de novo PCSK9 expression in mice. <i>Journal of Biological Chemistry</i> , 2019, 294, 9037-9047.	3.4	40
4	Loss-of-function PCSK9 mutants evade the unfolded protein response sensor GRP78 and fail to induce endoplasmic reticulum stress when retained. <i>Journal of Biological Chemistry</i> , 2018, 293, 7329-7343.	3.4	29
5	The loss-of-function PCSK9Q152H variant increases ER chaperones GRP78 and GRP94 and protects against liver injury. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	29
6	Calcium as a reliable marker for the quantitative assessment of endoplasmic reticulum stress in live cells. <i>Journal of Biological Chemistry</i> , 2021, 296, 100779.	3.4	24
7	Pharmacologic inhibition of S1P attenuates ATF6 expression, causes ER stress and contributes to apoptotic cell death. <i>Toxicology and Applied Pharmacology</i> , 2018, 349, 1-7.	2.8	23
8	GDF10 blocks hepatic PPAR γ activation to protect against diet-induced liver injury. <i>Molecular Metabolism</i> , 2019, 27, 62-74.	6.5	17
9	4-Phenylbutyrate protects against atherosclerotic lesion growth by increasing the expression of HSP25 in macrophages and in the circulation of ApoE Δ mice. <i>FASEB Journal</i> , 2019, 33, 8406-8422.	0.5	16
10	The trypan blue cellular debris assay: a novel low-cost method for the rapid quantification of cell death. <i>MethodsX</i> , 2019, 6, 1174-1180.	1.6	15
11	The Emerging Roles of Intracellular PCSK9 and Their Implications in Endoplasmic Reticulum Stress and Metabolic Diseases. <i>Metabolites</i> , 2022, 12, 215.	2.9	10
12	Scratching the Surface—An Overview of the Roles of Cell Surface GRP78 in Cancer. <i>Biomedicines</i> , 2022, 10, 1098.	3.2	7
13	TDAG51 (T-Cell Death-Associated Gene 51) Is a Key Modulator of Vascular Calcification and Osteogenic Transdifferentiation of Arterial Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 1664-1679.	2.4	5
14	Celebrating Our One-Year Anniversary: Highlights of the URNCST Journal. <i>Undergraduate Research in Natural and Clinical Science and Technology Journal</i> , 2018, 2, 1-4.	0.0	1
15	PCSK9 REDUCES HEPATIC LIPID CONTENT AND CONFERS PROTECTION AGAINST ER STRESS AND ROS IN HEPG2 CELLS. <i>FASEB Journal</i> , 2018, 32, 539.8.	0.5	0