

Liang Ge

List of Publications by Year in descending order

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42
papers

7,003
citations

430843

18
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289230

40
g-index

47
all docs

47
docs citations

47
times ranked

15540
citing authors

#	ARTICLE	IF	CITATIONS
1	Biogenesis of autophagosomes from the ERGIC membrane system. <i>Journal of Genetics and Genomics</i> , 2023, 50, 3-6.	3.9	2
2	A new type of ERGIC-ERES membrane contact mediated by TMED9 and SEC12 is required for autophagosome biogenesis. <i>Cell Research</i> , 2022, 32, 119-138.	12.0	31
3	Targeted protein degradation: from small molecules to complex organelles—a Keystone Symposia report. <i>Annals of the New York Academy of Sciences</i> , 2022, 1510, 79-99.	3.8	5
4	A switch of chaperonin function regulates the clearance of solid protein aggregates. <i>Autophagy</i> , 2022, , 1-3.	9.1	3
5	CCT2 is an aggrephagy receptor for clearance of solid protein aggregates. <i>Cell</i> , 2022, 185, 1325-1345.e22.	28.9	71
6	Autophagosomal Membrane Origin and Formation. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1208, 17-42.	1.6	13
7	Finite-element based optimization of left ventricular passive stiffness in normal volunteers and patients after myocardial infarction: Utility of an inverse deformation gradient calculation of regional diastolic strain. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 119, 104431.	3.1	12
8	Crosslinking and Mass Spectrometry to Identify Regulators in Unconventional Secretion. <i>Trends in Biochemical Sciences</i> , 2021, 46, 701-702.	7.5	0
9	A finite element model of the cardiac ventricles with coupled circulation: Biventricular mesh generation with hexahedral elements, airbags and a functional mockup interface to the circulation. <i>Computers in Biology and Medicine</i> , 2021, 137, 104840.	7.0	4
10	A new type of membrane contact in the ER-Golgi system regulates autophagosome biogenesis. <i>Autophagy</i> , 2021, 17, 4499-4501.	9.1	7
11	BECN1 modulates hematopoietic stem cells by targeting Caspase-3-GSDME-mediated pyroptosis. <i>Blood Science</i> , 2020, 2, 89-99.	0.9	6
12	Wall Stress Distribution in Bicuspid Aortic Valve-Associated Ascending Thoracic Aortic Aneurysms. <i>Annals of Thoracic Surgery</i> , 2020, 110, 807-814.	1.3	19
13	Protein translocation into the ERGIC: an upstream event of secretory autophagy. <i>Autophagy</i> , 2020, 16, 1358-1360.	9.1	14
14	A Translocation Pathway for Vesicle-Mediated Unconventional Protein Secretion. <i>Cell</i> , 2020, 181, 637-652.e15.	28.9	144
15	Regulation of LC3 lipidation by the autophagy-specific class III phosphatidylinositol-3 kinase complex. <i>Molecular Biology of the Cell</i> , 2019, 30, 1098-1107.	2.1	49
16	Cell-Free Reconstitution of Autophagic Membrane Formation. <i>Methods in Molecular Biology</i> , 2019, 1880, 135-148.	0.9	1
17	Endomembrane remodeling in autophagic membrane formation. <i>Autophagy</i> , 2018, 14, 918-920.	9.1	4
18	Ischemic Mitral Regurgitation: Abnormal Strain Overestimates Nonviable Myocardium. <i>Annals of Thoracic Surgery</i> , 2018, 105, 1754-1761.	1.3	12

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19	Remodeling of ER exit sites initiates a membrane supply pathway for autophagosome biogenesis. <i>EMBO Reports</i> , 2017, 18, 1586-1603.	4.5	134
20	In Vitro Dissection of Autophagy. <i>Current Protocols in Cell Biology</i> , 2017, 77, 11.23.1-11.23.17.	2.3	2
21	Association of Uneven MitraClip Application and Leaflet Stress in a Finite Element Model. <i>JAMA Surgery</i> , 2017, 152, 111.	4.3	13
22	Undersized Mitral Annuloplasty Increases Strain in the Proximal Lateral Left Ventricular Wall. <i>Annals of Thoracic Surgery</i> , 2017, 103, 820-827.	1.3	7
23	The Noncanonical Role of ULK/ATG1 in ER-to-Golgi Trafficking Is Essential for Cellular Homeostasis. <i>Molecular Cell</i> , 2016, 62, 491-506.	9.7	148
24	Neochord placement versus triangular resection in mitral valve repair: A finite element model. <i>Journal of Surgical Research</i> , 2016, 206, 98-105.	1.6	11
25	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
26	Moderate Ischemic Mitral Regurgitation After Posterolateral Myocardial Infarction in Sheep Alters Left Ventricular Shear but Not Normal Strain in the Infarct and Infarct Borderzone. <i>Annals of Thoracic Surgery</i> , 2016, 101, 1691-1699.	1.3	10
27	Mechanistically Dissecting Autophagy: Insights from In Vitro Reconstitution. <i>Journal of Molecular Biology</i> , 2016, 428, 1700-1713.	4.2	11
28	Studies on Postinfarct Left Ventricular Remodeling: State of the Art. <i>Annals of Thoracic Surgery</i> , 2015, 99, 755-756.	1.3	1
29	Biogenesis of autophagosomal precursors for LC3 lipidation from the ER-Golgi intermediate compartment. <i>Autophagy</i> , 2015, 11, 2372-2374.	9.1	40
30	Avoidance of Autophagy Mediated by PlcA or ActA Is Required for <i>Listeria monocytogenes</i> Growth in Macrophages. <i>Infection and Immunity</i> , 2015, 83, 2175-2184.	2.2	82
31	Residual Stress Impairs Pump Function After Surgical Ventricular Remodeling: A Finite Element Analysis. <i>Annals of Thoracic Surgery</i> , 2015, 100, 2198-2205.	1.3	4
32	Translocation of interleukin-1 β into a vesicle intermediate in autophagy-mediated secretion. <i>ELife</i> , 2015, 4, .	6.0	288
33	Phosphatidylinositol 3-kinase and COPII generate LC3 lipidation vesicles from the ER-Golgi intermediate compartment. <i>ELife</i> , 2014, 3, e04135.	6.0	168
34	The ER-Golgi intermediate compartment feeds the phagophore membrane. <i>Autophagy</i> , 2014, 10, 170-172.	9.1	44
35	Measurement of Mitral Leaflet and Annular Geometry and Stress After Repair of Posterior Leaflet Prolapse: Virtual Repair Using a Patient-Specific Finite Element Simulation. <i>Annals of Thoracic Surgery</i> , 2014, 97, 1496-1503.	1.3	19
36	The protein-vesicle network of autophagy. <i>Current Opinion in Cell Biology</i> , 2014, 29, 18-24.	5.4	63

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37	Posterior Papillary Muscle Anchoring Affects Remote Myofiber Stress and Pump Function: Finite Element Analysis. <i>Annals of Thoracic Surgery</i> , 2014, 98, 1355-1362.	1.3	7
38	The ER Golgi intermediate compartment is a key membrane source for the LC3 lipidation step of autophagosome biogenesis. <i>ELife</i> , 2013, 2, e00947.	6.0	348
39	Flotillins play an essential role in Niemann-Pick C1-like 1-mediated cholesterol uptake. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 551-556.	7.1	137
40	A Biventricular Finite Element Model of Heart Failure for Predicting the Effects of Treatment Strategies. , 2011, , .		0
41	Requirement of Myosin Vb-Rab11a-Rab11-FIP2 Complex in Cholesterol-regulated Translocation of NPC1L1 to the Cell Surface. <i>Journal of Biological Chemistry</i> , 2009, 284, 22481-22490.	3.4	56
42	The Cholesterol Absorption Inhibitor Ezetimibe Acts by Blocking the Sterol-Induced Internalization of NPC1L1. <i>Cell Metabolism</i> , 2008, 7, 508-519.	16.2	295