

Yuko Fujioka

List of Publications by Year in descending order

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43
papers

4,552
citations

186265

28
h-index

276875

41
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44
all docs

44
docs citations

44
times ranked

6290
citing authors

#	ARTICLE	IF	CITATIONS
1	The Atg12-Atg5 Conjugate Has a Novel E3-like Activity for Protein Lipidation in Autophagy. <i>Journal of Biological Chemistry</i> , 2007, 282, 37298-37302.	3.4	950
2	Structural basis of target recognition by Atg8/LC3 during selective autophagy. <i>Genes To Cells</i> , 2008, 13, 1211-1218.	1.2	349
3	The structure of Atg4B-LC3 complex reveals the mechanism of LC3 processing and delipidation during autophagy. <i>EMBO Journal</i> , 2009, 28, 1341-1350.	7.8	329
4	Phase separation organizes the site of autophagosome formation. <i>Nature</i> , 2020, 578, 301-305.	27.8	263
5	Structure of Atg5-Atg16, a Complex Essential for Autophagy. <i>Journal of Biological Chemistry</i> , 2007, 282, 6763-6772.	3.4	203
6	Structural basis of starvation-induced assembly of the autophagy initiation complex. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 513-521.	8.2	180
7	The Intrinsically Disordered Protein Atg13 Mediates Supramolecular Assembly of Autophagy Initiation Complexes. <i>Developmental Cell</i> , 2016, 38, 86-99.	7.0	161
8	The crystal structure of microtubule-associated protein light chain 3, a mammalian homologue of <i>Saccharomyces cerevisiae</i> Atg8. <i>Genes To Cells</i> , 2004, 9, 611-618.	1.2	158
9	Structural Basis of Atg8 Activation by a Homodimeric E1, Atg7. <i>Molecular Cell</i> , 2011, 44, 462-475.	9.7	156
10	Structure of the Atg12-Atg5 conjugate reveals a platform for stimulating Atg8-PE conjugation. <i>EMBO Reports</i> , 2013, 14, 206-211.	4.5	131
11	Structural Basis for the Specificity and Catalysis of Human Atg4B Responsible for Mammalian Autophagy. <i>Journal of Biological Chemistry</i> , 2005, 280, 40058-40065.	3.4	121
12	The Crystal Structure of Atg3, an Autophagy-related Ubiquitin Carrier Protein (E2) Enzyme that Mediates Atg8 Lipidation. <i>Journal of Biological Chemistry</i> , 2007, 282, 8036-8043.	3.4	121
13	Structural biology of the core autophagy machinery. <i>Current Opinion in Structural Biology</i> , 2017, 43, 10-17.	5.7	118
14	Liquidity Is a Critical Determinant for Selective Autophagy of Protein Condensates. <i>Molecular Cell</i> , 2020, 77, 1163-1175.e9.	9.7	118
15	Dimeric Coiled-coil Structure of <i>Saccharomyces cerevisiae</i> Atg16 and Its Functional Significance in Autophagy. <i>Journal of Biological Chemistry</i> , 2010, 285, 1508-1515.	3.4	114
16	The Crystal Structure of Plant ATG12 and its Biological Implication in Autophagy. <i>Autophagy</i> , 2005, 1, 119-126.	9.1	104
17	Atg1 family kinases in autophagy initiation. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 3083-3096.	5.4	104
18	In Vitro Reconstitution of Plant Atg8 and Atg12 Conjugation Systems Essential for Autophagy. <i>Journal of Biological Chemistry</i> , 2008, 283, 1921-1928.	3.4	103

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19	Characterization of the Atg17â€“Atg29â€“Atg31 complex specifically required for starvation-induced autophagy in <i>Saccharomyces cerevisiae</i> . <i>Biochemical and Biophysical Research Communications</i> , 2009, 389, 612-615.	2.1	101
20	Structural Basis of the Differential Function of the Two <i>C.Âlegans</i> Atg8 Homologs, LGG-1 and LGG-2, in Autophagy. <i>Molecular Cell</i> , 2015, 60, 914-929.	9.7	77
21	Structural and dynamics analysis of intrinsically disordered proteins by high-speed atomic force microscopy. <i>Nature Nanotechnology</i> , 2021, 16, 181-189.	31.5	69
22	MM-1, a c-Myc-binding Protein, Is a Candidate for a Tumor Suppressor in Leukemia/Lymphoma and Tongue Cancer. <i>Journal of Biological Chemistry</i> , 2001, 276, 45137-45144.	3.4	64
23	A molecular mechanism for autoinhibition of the tandem SH3 domains of p47phox, the regulatory subunit of the phagocyte NADPH oxidase. <i>Genes To Cells</i> , 2004, 9, 443-456.	1.2	63
24	Structure of the Novel C-terminal Domain of Vacuolar Protein Sorting 30/Autophagy-related Protein 6 and Its Specific Role in Autophagy. <i>Journal of Biological Chemistry</i> , 2012, 287, 16256-16266.	3.4	61
25	Noncanonical recognition and UBL loading of distinct E2s by autophagy-essential Atg7. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 1250-1256.	8.2	59
26	Solution Structure of the Tandem Src Homology 3 Domains of p47 in an Autoinhibited Form. <i>Journal of Biological Chemistry</i> , 2004, 279, 29752-29760.	3.4	51
27	The NMR structure of the autophagy-related protein Atg8. <i>Journal of Biomolecular NMR</i> , 2010, 47, 237-241.	2.8	49
28	Binding of FAD to Cytochrome b558 Is Facilitated during Activation of the Phagocyte NADPH Oxidase, Leading to Superoxide Production. <i>Journal of Biological Chemistry</i> , 2004, 279, 26378-26386.	3.4	33
29	Atg7 Activates an Autophagy-Essential Ubiquitin-like Protein Atg8 through Multi-Step Recognition. <i>Journal of Molecular Biology</i> , 2018, 430, 249-257.	4.2	28
30	Biomolecular condensates in autophagy regulation. <i>Current Opinion in Cell Biology</i> , 2021, 69, 23-29.	5.4	21
31	Distinct localizations and repression activities of MM-1 isoforms toward c-Myc. <i>Journal of Cellular Biochemistry</i> , 2006, 97, 145-155.	2.6	15
32	Expression, purification and crystallization of the Atg5â€“Atg16 complex essential for autophagy. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006, 62, 1021-1023.	0.7	13
33	Crystallization and preliminary crystallographic analysis of the autoinhibited form of the tandem SH3 domain of p47phox. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 1479-1480.	2.5	12
34	MM-1 facilitates degradation of c-Myc by recruiting proteasome and a novel ubiquitin E3 ligase. <i>International Journal of Oncology</i> , 2007, 31, 829.	3.3	12
35	Crystallization and preliminary X-ray analysis of LC3-I. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 1464-1465.	2.5	10
36	Crystallization of the Atg12â€“Atg5 conjugate bound to Atg16 by the free-interface diffusion method. <i>Journal of Synchrotron Radiation</i> , 2008, 15, 266-268.	2.4	8

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37	Crystallization and preliminary crystallographic analysis of human Atg4“LC3 complex. Acta Crystallographica Section F: Structural Biology Communications, 2007, 63, 99-102.	0.7	6
38	Crystallization and preliminary X-ray analysis of Atg10. Acta Crystallographica Section F: Structural Biology Communications, 2007, 63, 443-445.	0.7	6
39	Crystallization and preliminary X-ray analysis of Atg3. Acta Crystallographica Section F: Structural Biology Communications, 2006, 62, 1016-1017.	0.7	4
40	Crystallization of the coiled-coil domain of Atg16 essential for autophagy. Acta Crystallographica Section F: Structural Biology Communications, 2008, 64, 1046-1048.	0.7	4
41	Crystallization and preliminary crystallographic analysis of p40phox, a regulatory subunit of NADPH oxidase. Acta Crystallographica Section F: Structural Biology Communications, 2006, 62, 1018-1020.	0.7	3
42	Letter to the Editor: Sequence-specific Resonance Assignments of the Tandem SH3 Domains in an Autoinhibitory form of p47phox. Journal of Biomolecular NMR, 2004, 29, 451-452.	2.8	0
43	Formation of Autophagy Initiation Complex Mediated by an Intrinsically Disordered Protein. Seibutsu Butsuri, 2020, 60, 171-173.	0.1	0