

Daniel J Klionsky

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

435
papers

73,011
citations

121
h-index

266
g-index

619
ext. papers

83,699
ext. citations

10.2
avg. IF

8.59
L-index

#	Paper	IF	Citations
435	Melatonin-based therapeutics for atherosclerotic lesions and beyond: Focusing on macrophage mitophagy.. <i>Pharmacological Research</i> , 2022 , 176, 106072	10.2	2
434	Quantification of Autophagosome Size and Formation Rate by Electron and Fluorescence Microscopy in Baker's Yeast. <i>NeuroMethods</i> , 2022 , 1-12	0.4	
433	Bidirectional roles of the Ccr4-Not complex in regulating autophagy before and after nitrogen starvation.. <i>Autophagy</i> , 2022 , 1-11	10.2	1
432	Wait, can you remind me just why we need another journal focused on autophagy? 2022 , 1, 1-4		1
431	Follicular lymphoma-associated mutations in the V-ATPase chaperone VMA21 activate autophagy creating a targetable dependency.. <i>Autophagy</i> , 2022 ,	10.2	1
430	Targeting autophagy in prostate cancer: preclinical and clinical evidence for therapeutic response.. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022 , 41, 105	12.8	6
429	Autophagopathies: from autophagy gene polymorphisms to precision medicine for human diseases.. <i>Autophagy</i> , 2022 , 1-18	10.2	0
428	Targeting autophagy, oxidative stress, and ER stress for neurodegenerative diseases treatment.. <i>Journal of Controlled Release</i> , 2022 ,	11.7	7
427	Dimerization-dependent membrane tethering by Atg23 is essential for yeast autophagy.. <i>Cell Reports</i> , 2022 , 39, 110702	10.6	2
426	Identification of HPCAL1 as a specific autophagy receptor involved in ferroptosis.. <i>Autophagy</i> , 2022 , 1-21	10.2	1
425	Autophagy regulation by RNA alternative splicing and implications in human diseases.. <i>Nature Communications</i> , 2022 , 13, 2735	17.4	0
424	Follicular lymphoma-associated mutations in the V-ATPase chaperone Vma21 activate autophagy by dysfunctional V-ATPase assembly 2022 , 1, 226-233		
423	Vac8 determines phagophore assembly site vacuolar localization during nitrogen starvation-induced autophagy. <i>Autophagy</i> , 2021 , 17, 1636-1648	10.2	9
422	ER stress in obesity pathogenesis and management. <i>Trends in Pharmacological Sciences</i> , 2021 ,	13.2	3
421	A neurodegeneration gene, WDR45, links impaired ferritinophagy to iron accumulation. <i>Journal of Neurochemistry</i> , 2021 ,	6	2
420	Autophagy: The Potential Link between SARS-CoV-2 and Cancer. <i>Cancers</i> , 2021 , 13,	6.6	7
419	The Emerging Roles of Autophagy in Human Diseases. <i>Biomedicines</i> , 2021 , 9,	4.8	3

418	Post-transcriptional regulation of is a critical node that modulates autophagy during distinct nutrient stresses. <i>Autophagy</i> , 2021 , 1-21	10.2	2
417	The necessity of nucleophagic modality. <i>Autophagy</i> , 2021 , 1-6	10.2	0
416	The role of autophagy in the pathogenesis of SARS-CoV-2 infection in different cell types. <i>Autophagy</i> , 2021 , 1-4	10.2	1
415	Downregulation of autophagy by Met30-mediated Atg9 ubiquitination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	3
414	Regulation and function of autophagy in pancreatic cancer. <i>Autophagy</i> , 2021 , 17, 3275-3296	10.2	37
413	Ferroptosis: machinery and regulation. <i>Autophagy</i> , 2021 , 17, 2054-2081	10.2	131
412	ER Stress in Cardiometabolic Diseases: From Molecular Mechanisms to Therapeutics. <i>Endocrine Reviews</i> , 2021 , 42, 839-871	27.2	18
411	Ion Channels and Transporters in Autophagy. <i>Autophagy</i> , 2021 , 1-20	10.2	3
410	New functions of a known autophagy regulator: VCP and autophagy initiation. <i>Autophagy</i> , 2021 , 17, 1063-1064	10.2	2
409	Membrane Binding and Homodimerization of Atg16 Via Two Distinct Protein Regions is Essential for Autophagy in Yeast. <i>Journal of Molecular Biology</i> , 2021 , 433, 166809	6.5	4
408	Incomplete mitophagy in the mevalonate kinase-deficient <i>Saccharomyces cerevisiae</i> and its relation to the MKD-related autoinflammatory disease in humans. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021 , 1867, 166053	6.9	0
407	Moments in autophagy and disease: Past and present. <i>Molecular Aspects of Medicine</i> , 2021 , 82, 100966	16.7	7
406	The role of autophagy in cardiovascular pathology. <i>Cardiovascular Research</i> , 2021 ,	9.9	5
405	Not lowering the bar, just providing a step stool. <i>Autophagy</i> , 2021 , 17, 1569-1570	10.2	
404	Sex differences in autophagy-mediated diseases: toward precision medicine. <i>Autophagy</i> , 2021 , 17, 1065-1076	10.2	11
403	Mitochondrial DNA stress triggers autophagy-dependent ferroptotic death. <i>Autophagy</i> , 2021 , 17, 948-960	10.2	68
402	Elevating PI3P drives select downstream membrane trafficking pathways. <i>Molecular Biology of the Cell</i> , 2021 , 32, 143-156	3.5	6
401	Tumor heterogeneity in autophagy-dependent ferroptosis. <i>Autophagy</i> , 2021 , 17, 3361-3374	10.2	30

400	Did evolution choose Atg11 as the scaffolding platform beyond selective autophagy?. <i>Autophagy</i> , 2021 , 17, 835-836	10.2	
399	Cell Death Autophagy in Fungi and Mammals 2021 , 20-26		
398	Adaptive immunity at the crossroads of autophagy and metabolism. <i>Cellular and Molecular Immunology</i> , 2021 , 18, 1096-1105	15.4	3
397	Ferritinophagy and ferroptosis in the management of metabolic diseases. <i>Trends in Endocrinology and Metabolism</i> , 2021 , 32, 444-462	8.8	30
396	Autophagy in major human diseases. <i>EMBO Journal</i> , 2021 , 40, e108863	13	79
395	Yeast mitophagy: Unanswered questions. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021 , 1865, 129932	4	2
394	Vorinostat in autophagic cell death: A critical insight into autophagy-mediated, -associated and -dependent cell death for cancer prevention. <i>Drug Discovery Today</i> , 2021 , 27, 269-269	8.8	9
393	Autophagy Inhibition by Targeting PIKfyve Potentiates Response to Immune Checkpoint Blockade in Prostate Cancer. <i>Nature Cancer</i> , 2021 , 2, 978-993	15.4	4
392	Erwin Knecht-the intelligent and mad, funny and grumpy man of autophagy. <i>Autophagy</i> , 2021 , 1-15	10.2	
391	Targeting autophagy in ischemic stroke: From molecular mechanisms to clinical therapeutics. <i>Pharmacology & Therapeutics</i> , 2021 , 225, 107848	13.9	18
390	Nutrition acquisition by human immunity, transient overnutrition and the cytokine storm in severe cases of COVID-19. <i>Medical Hypotheses</i> , 2021 , 155, 110668	3.8	1
389	A perspective on the role of autophagy in cancer. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021 , 1867, 166262	6.9	10
388	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , 2021 , 17, 1-382	10.2	440
387	DCN released from ferroptotic cells ignites AGER-dependent immune responses.. <i>Autophagy</i> , 2021 , 1-14	10.2	2
386	Open questions for harnessing autophagy-modulating drugs in the SARS-CoV-2 war: hope or hype?. <i>Autophagy</i> , 2020 , 16, 2267-2270	10.2	13
385	Autophagy as an emerging target for COVID-19: lessons from an old friend, chloroquine. <i>Autophagy</i> , 2020 , 16, 2260-2266	10.2	40
384	Autophagy-Dependent Ferroptosis: Machinery and Regulation. <i>Cell Chemical Biology</i> , 2020 , 27, 420-435	8.2	150
383	A separation that's for the best: coming together at the PAS. <i>Cell Research</i> , 2020 , 30, 372-373	24.7	2

382	Canonical and Noncanonical Autophagy as Potential Targets for COVID-19. <i>Cells</i> , 2020 , 9,	7.9	34
381	Old factors, new players: transcriptional regulation of autophagy. <i>Autophagy</i> , 2020 , 16, 956-958	10.2	4
380	TORC1 regulates vacuole membrane composition through ubiquitin- and ESCRT-dependent microautophagy. <i>Journal of Cell Biology</i> , 2020 , 219,	7.3	27
379	At a glance: A history of autophagy and cancer. <i>Seminars in Cancer Biology</i> , 2020 , 66, 3-11	12.7	43
378	Allosteric regulation through a switch element in the autophagy E2, Atg3. <i>Autophagy</i> , 2020 , 16, 183-184	10.2	3
377	On the relevance of precision autophagy flux control - Points of departure for clinical translation. <i>Autophagy</i> , 2020 , 16, 750-762	10.2	8
376	Autophagy-dependent ferroptosis drives tumor-associated macrophage polarization via release and uptake of oncogenic KRAS protein. <i>Autophagy</i> , 2020 , 16, 2069-2083	10.2	125
375	Autophagy and disease: unanswered questions. <i>Cell Death and Differentiation</i> , 2020 , 27, 858-871	12.7	137
374	Extracellular SQSTM1 mediates bacterial septic death in mice through insulin receptor signalling. <i>Nature Microbiology</i> , 2020 , 5, 1576-1587	26.6	17
373	A multifactorial score including autophagy for prognosis and care of COVID-19 patients. <i>Autophagy</i> , 2020 , 16, 2276-2281	10.2	7
372	Chloroquine in fighting COVID-19: good, bad, or both?. <i>Autophagy</i> , 2020 , 16, 2273-2275	10.2	9
371	Extracellular SQSTM1 as an inflammatory mediator. <i>Autophagy</i> , 2020 , 16, 2313-2315	10.2	6
370	The Roles of Ubiquitin in Mediating Autophagy. <i>Cells</i> , 2020 , 9,	7.9	23
369	Ferroptosis is a type of autophagy-dependent cell death. <i>Seminars in Cancer Biology</i> , 2020 , 66, 89-100	12.7	215
368	The Paf1 complex transcriptionally regulates the mitochondrial-anchored protein Atg32 leading to activation of mitophagy. <i>Autophagy</i> , 2020 , 16, 1366-1379	10.2	10
367	The carboxy terminus of yeast Atg13 binds phospholipid membrane via motifs that overlap with the Vac8-interacting domain. <i>Autophagy</i> , 2020 , 16, 1007-1020	10.2	12
366	The transcription factor Spt4-Spt5 complex regulates the expression of and. <i>Autophagy</i> , 2020 , 16, 1172-1185	10.2	5
365	Autophagic degradation of the circadian clock regulator promotes ferroptosis. <i>Autophagy</i> , 2019 , 15, 2033-2035	10.2	47

364	PP2C phosphatases promote autophagy by dephosphorylation of the Atg1 complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 1613-1620	11.5	26
363	Autophagy, Inflammation, and Metabolism (AIM) Center in its second year. <i>Autophagy</i> , 2019 , 15, 1829-1832	10.2	3
362	UIM-UDS: a new interface between ATG8 and its interactors. <i>Cell Research</i> , 2019 , 29, 507-508	24.7	3
361	Bidirectional roles of Dhh1 in regulating autophagy. <i>Autophagy</i> , 2019 , 15, 1838-1839	10.2	4
360	The Pat1-Lsm complex prevents 3' to 5' degradation of a specific subset of ATG mRNAs during nitrogen starvation-induced autophagy. <i>Autophagy</i> , 2019 , 15, 750-751	10.2	0
359	Dhh1 promotes autophagy-related protein translation during nitrogen starvation. <i>PLoS Biology</i> , 2019 , 17, e3000219	9.7	17
358	Watch What You (Self-) Eat: Autophagic Mechanisms that Modulate Metabolism. <i>Cell Metabolism</i> , 2019 , 29, 803-826	24.6	110
357	A switch element in the autophagy E2 Atg3 mediates allosteric regulation across the lipidation cascade. <i>Nature Communications</i> , 2019 , 10, 3600	17.4	20
356	Found art: the yeast vacuole. <i>Autophagy</i> , 2019 , 15, 1638-1644	10.2	
355	Gene essentiality of : dosage effect and autophagy regulation in retinal photoreceptors. <i>Autophagy</i> , 2019 , 15, 1834-1837	10.2	3
354	Clockophagy is a novel selective autophagy process favoring ferroptosis. <i>Science Advances</i> , 2019 , 5, eaaw2238	12.3	137
353	Psp2, a novel regulator of autophagy that promotes autophagy-related protein translation. <i>Cell Research</i> , 2019 , 29, 994-1008	24.7	10
352	Follicular lymphoma-associated mutations in vacuolar ATPase ATP6V1B2 activate autophagic flux and mTOR. <i>Journal of Clinical Investigation</i> , 2019 , 129, 1626-1640	15.9	16
351	Towards understanding mRNA-binding protein specificity: lessons from post-transcriptional regulation of ATG mRNA during nitrogen starvation-induced autophagy. <i>Current Genetics</i> , 2019 , 65, 847-849	3.9	4
350	Podocytes and autophagy: a potential therapeutic target in lupus nephritis. <i>Autophagy</i> , 2019 , 15, 908-912	10.2	29
349	Necrotic, apoptotic and autophagic cell fates triggered by nanoparticles. <i>Autophagy</i> , 2019 , 15, 4-33	10.2	150
348	On the edge of degradation: Autophagy regulation by RNA decay. <i>Wiley Interdisciplinary Reviews RNA</i> , 2019 , 10, e1522	9.3	7
347	Vacuolar hydrolysis and efflux: current knowledge and unanswered questions. <i>Autophagy</i> , 2019 , 15, 212-227	12.7	16

346	The Pat1-Lsm Complex Stabilizes ATG mRNA during Nitrogen Starvation-Induced Autophagy. <i>Molecular Cell</i> , 2019 , 73, 314-324.e4	17.6	20
345	Mitochondrial quality control mediated by PINK1 and PRKN: links to iron metabolism and tumor immunity. <i>Autophagy</i> , 2019 , 15, 172-173	10.2	26
344	MitoPho80 Assay as a Tool to Quantitatively Measure Mitophagy Activity. <i>Methods in Molecular Biology</i> , 2018 , 1759, 85-93	1.4	5
343	ER-mitochondria contacts are required for pexophagy in. <i>Contact (Thousand Oaks (Ventura County, Calif))</i> , 2018 , 2,	2.6	6
342	The exoribonuclease Xrn1 is a post-transcriptional negative regulator of autophagy. <i>Autophagy</i> , 2018 , 14, 898-912	10.2	21
341	Cargo recognition and degradation by selective autophagy. <i>Nature Cell Biology</i> , 2018 , 20, 233-242	23.4	488
340	Genetic aberrations in macroautophagy genes leading to diseases. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018 , 1865, 803-816	4.9	34
339	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018 , 25, 486-541	12.7	2160
338	An Autophagy-Independent Role for in Sulfur Metabolism During Zinc Deficiency. <i>Genetics</i> , 2018 , 208, 1115-1130	4	3
337	Transcriptional and post-transcriptional regulation of autophagy in the yeast. <i>Journal of Biological Chemistry</i> , 2018 , 293, 5396-5403	5.4	31
336	Ion channels in the regulation of autophagy. <i>Autophagy</i> , 2018 , 14, 3-21	10.2	48
335	Functions of the COPII gene paralogs SEC23A and SEC23B are interchangeable in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E7748-E7757	11.5	46
334	A newly characterized vacuolar serine carboxypeptidase, Atg42/Ybr139w, is required for normal vacuole function and the terminal steps of autophagy in the yeast <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2018 , 29, 1089-1099	3.5	38
333	AMPK-Mediated BECN1 Phosphorylation Promotes Ferroptosis by Directly Blocking System X Activity. <i>Current Biology</i> , 2018 , 28, 2388-2399.e5	6.3	234
332	The phagophore in four dimensions-a study in wood. <i>Autophagy</i> , 2018 , 14, 1674-1676	10.2	1
331	BECN1 is a new driver of ferroptosis. <i>Autophagy</i> , 2018 , 14, 2173-2175	10.2	59
330	PINK1 and PARK2 Suppress Pancreatic Tumorigenesis through Control of Mitochondrial Iron-Mediated Immunometabolism. <i>Developmental Cell</i> , 2018 , 46, 441-455.e8	10.2	107
329	Secretory autophagy holds the key to lysozyme secretion during bacterial infection of the intestine. <i>Autophagy</i> , 2018 , 14, 365-367	10.2	16

328	Teaching the telephone book. <i>Biochemistry and Molecular Biology Education</i> , 2018 , 47, 106	1.3	
327	An atypical BAR domain protein in autophagy. <i>Autophagy</i> , 2018 , 14, 1155-1156	10.2	1
326	The Yeast Vacuole: A Paradigm for Plant Cell Biologists? 2018 , 1-21		1
325	Inhibiting autophagy reduces retinal degeneration caused by protein misfolding. <i>Autophagy</i> , 2018 , 14, 1226-1238	10.2	42
324	A pathway of targeted autophagy is induced by DNA damage in budding yeast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E1158-E1167	11.5	37
323	The molecular mechanism of Atg13 function in autophagy induction: What is hidden behind the data?. <i>Autophagy</i> , 2017 , 13, 449-451	10.2	8
322	Autophagic membrane delivery through ATG9. <i>Cell Research</i> , 2017 , 27, 161-162	24.7	29
321	PHB2/prohibitin 2: An inner membrane mitophagy receptor. <i>Cell Research</i> , 2017 , 27, 311-312	24.7	24
320	Does relevancy matter?. <i>Biochemistry and Molecular Biology Education</i> , 2017 , 45, 377-378	1.3	1
319	Direct quantification of autophagic flux by a single molecule-based probe. <i>Autophagy</i> , 2017 , 13, 639-641	10.2	15
318	Augmenting brain metabolism to increase macro- and chaperone-mediated autophagy for decreasing neuronal proteotoxicity and aging. <i>Progress in Neurobiology</i> , 2017 , 156, 90-106	10.9	33
317	Blame it on Southern, but it's a western blot. <i>Autophagy</i> , 2017 , 13, 1-2	10.2	21
316	A novel role for a glycolytic pathway kinase in regulating autophagy has implications in cancer therapy. <i>Autophagy</i> , 2017 , 13, 1091-1092	10.2	12
315	Functional impairment in RHOT1/Miro1 degradation and mitophagy is a shared feature in familial and sporadic Parkinson disease. <i>Autophagy</i> , 2017 , 13, 1259-1261	10.2	9
314	Xenophagy: A battlefield between host and microbe, and a possible avenue for cancer treatment. <i>Autophagy</i> , 2017 , 13, 223-224	10.2	31
313	Autophagy wins the 2016 Nobel Prize in Physiology or Medicine: Breakthroughs in baker's yeast fuel advances in biomedical research. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 201-205	11.5	95
312	Conserved and unique features of the fission yeast core Atg1 complex. <i>Autophagy</i> , 2017 , 13, 2018-2027	10.2	12
311	The puncta enigma. <i>Autophagy</i> , 2017 , 13, 1471	10.2	

310	Glycolytic Enzymes Coalesce in G Bodies under Hypoxic Stress. <i>Cell Reports</i> , 2017 , 20, 895-908	10.6	77
309	Education is the Only Business Where the Customer is Satisfied with Less of the Product. <i>Journal of Microbiology and Biology Education</i> , 2017 , 18,	1.3	1
308	Structure and function of yeast Atg20, a sorting nexin that facilitates autophagy induction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E10112-E10117	11.5	23
307	Autophagy regulates DNA repair through SQSTM1/p62. <i>Autophagy</i> , 2017 , 13, 995-996	10.2	17
306	Autolysosome biogenesis and developmental senescence are regulated by both Spns1 and v-ATPase. <i>Autophagy</i> , 2017 , 13, 386-403	10.2	35
305	Overlap of SEC23A and SEC23B Function Suggests a Novel Therapeutic Approach for Congenital Dyserythropoietic Anemia Type II. <i>Blood</i> , 2017 , 130, 80-80	2.2	1
304	Autophagy core machinery: overcoming spatial barriers in neurons. <i>Journal of Molecular Medicine</i> , 2016 , 94, 1217-1227	5.5	67
303	Autophagy-mediated catabolism of visual transduction proteins prevents retinal degeneration. <i>Autophagy</i> , 2016 , 12, 2439-2450	10.2	25
302	A novel PINK1- and PARK2-dependent protective neuroimmune pathway in lethal sepsis. <i>Autophagy</i> , 2016 , 12, 2374-2385	10.2	53
301	Recurrent Mutations in the MTOR Regulator RRAGC in Follicular Lymphoma. <i>Clinical Cancer Research</i> , 2016 , 22, 5383-5393	12.9	23
300	The Atg17-Atg31-Atg29 Complex Coordinates with Atg11 to Recruit the Vam7 SNARE and Mediate Autophagosome-Vacuole Fusion. <i>Current Biology</i> , 2016 , 26, 150-160	6.3	34
299	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
298	The Atg17-Atg31-Atg29 complex and Atg11 regulate autophagosome-vacuole fusion. <i>Autophagy</i> , 2016 , 12, 894-5	10.2	9
297	Stepping back from the guidelines: Where do we stand?. <i>Autophagy</i> , 2016 , 12, 223-4	10.2	14
296	Developing a set of guidelines for your research field: a practical approach. <i>Molecular Biology of the Cell</i> , 2016 , 27, 733-8	3.5	12
295	An overview of macroautophagy in yeast. <i>Journal of Molecular Biology</i> , 2016 , 428, 1681-99	6.5	146
294	Tor-dependent post-transcriptional regulation of autophagy: Implications for cancer therapeutics. <i>Molecular and Cellular Oncology</i> , 2016 , 3, e1078923	1.2	1
293	Mutation in ATG5 reduces autophagy and leads to ataxia with developmental delay. <i>ELife</i> , 2016 , 5,	8.9	107

292	Functional Analyses of V-Atpase Mutations in Follicular Lymphoma. <i>Blood</i> , 2016 , 128, 1762-1762	2.2	
291	Autophagy: machinery and regulation. <i>Microbial Cell</i> , 2016 , 3, 588-596	3.9	330
290	miR-30e Blocks Autophagy and Acts Synergistically with Proanthocyanidin for Inhibition of AVEN and BIRC6 to Increase Apoptosis in Glioblastoma Stem Cells and Glioblastoma SNB19 Cells. <i>PLoS ONE</i> , 2016 , 11, e0158537	3.7	18
289	Phosphorylation of Atg9 regulates movement to the phagophore assembly site and the rate of autophagosome formation. <i>Autophagy</i> , 2016 , 12, 648-58	10.2	48
288	Autophagy is a key factor in maintaining the regenerative capacity of muscle stem cells by promoting quiescence and preventing senescence. <i>Autophagy</i> , 2016 , 12, 617-8	10.2	19
287	A role of autophagy in spinocerebellar ataxia-Rare exception or general principle?. <i>Autophagy</i> , 2016 , 12, 1208-9	10.2	
286	Opening new doors in autophagy research: Patrice Codogno. <i>Autophagy</i> , 2016 , 12, 1063-8	10.2	
285	The proteasome subunit RPN10 functions as a specific receptor for degradation of the 26S proteasome by macroautophagy in Arabidopsis. <i>Autophagy</i> , 2016 , 12, 905-6	10.2	8
284	An unconventional pathway for mitochondrial protein degradation. <i>Autophagy</i> , 2016 , 12, 1971-1972	10.2	7
283	Autophagy promotes cell motility by driving focal adhesion turnover. <i>Autophagy</i> , 2016 , 12, 1685-1686	10.2	14
282	Autophagy regulates cytoplasmic remodeling during cell reprogramming in a zebrafish model of muscle regeneration. <i>Autophagy</i> , 2016 , 12, 1864-1875	10.2	39
281	How to control self-digestion: transcriptional, post-transcriptional, and post-translational regulation of autophagy. <i>Trends in Cell Biology</i> , 2015 , 25, 354-63	18.3	238
280	Quiltophagy--autophagy as folk art. <i>Autophagy</i> , 2015 , 11, 195-9	10.2	1
279	TP53INP2/DOR protein chaperones deacetylated nuclear LC3 to the cytoplasm to promote macroautophagy. <i>Autophagy</i> , 2015 , 11, 1441-2	10.2	8
278	Deletion of autophagy inducer RB1CC1 results in degeneration of the retinal pigment epithelium. <i>Autophagy</i> , 2015 , 11, 939-53	10.2	71
277	A conserved mechanism of TOR-dependent RCK-mediated mRNA degradation regulates autophagy. <i>Nature Cell Biology</i> , 2015 , 17, 930-942	23.4	68
276	Rph1 mediates the nutrient-limitation signaling pathway leading to transcriptional activation of autophagy. <i>Autophagy</i> , 2015 , 11, 718-9	10.2	9
275	mTORC1 maintains metabolic balance. <i>Cell Research</i> , 2015 , 25, 1085-6	24.7	2

274	One step closer to understanding mammalian macroautophagy initiation: Interplay of 2 HORMA architectures in the ULK1 complex. <i>Autophagy</i> , 2015 , 11, 1953-1955	10.2	7
273	Analysis of the native conformation of the LIR/AIM motif in the Atg8/LC3/GABARAP-binding proteins. <i>Autophagy</i> , 2015 , 11, 2153-9	10.2	37
272	Posttranslational modification of autophagy-related proteins in macroautophagy. <i>Autophagy</i> , 2015 , 11, 28-45	10.2	196
271	Assays for the biochemical and ultrastructural measurement of selective and nonselective types of autophagy in the yeast <i>Saccharomyces cerevisiae</i> . <i>Methods</i> , 2015 , 75, 141-50	4.6	28
270	Post-translationally-modified structures in the autophagy machinery: an integrative perspective. <i>FEBS Journal</i> , 2015 , 282, 3474-88	5.7	32
269	Atg23 and Atg27 act at the early stages of Atg9 trafficking in <i>S. cerevisiae</i> . <i>Traffic</i> , 2015 , 16, 172-90	5.7	36
268	Autophagy: research topic, painting, poem, dance—The combination of art and information can enhance the enjoyment and effectiveness of learning. <i>EMBO Reports</i> , 2015 , 16, 547-52	6.5	3
267	Not learning how to ride a bike: The lecture approach. <i>Biochemistry and Molecular Biology Education</i> , 2015 , 43, 210-210	1.3	
266	Letter to the editor. <i>Journal of Microbiology and Biology Education</i> , 2015 , 16, 5	1.3	1
265	But is it an improvement?. <i>Biochemistry and Molecular Biology Education</i> , 2015 , 43, 301-302	1.3	
264	Lifeguard Final Exam-Encouraging the Use of Active Learning. <i>Journal of Microbiology and Biology Education</i> , 2015 , 16, 133-5	1.3	1
263	Molecular interactions of the <i>Saccharomyces cerevisiae</i> Atg1 complex provide insights into assembly and regulatory mechanisms. <i>Autophagy</i> , 2015 , 11, 891-905	10.2	24
262	The symphony of autophagy and calcium signaling. <i>Autophagy</i> , 2015 , 11, 973-4	10.2	5
261	Atg41/Icy2 regulates autophagosome formation. <i>Autophagy</i> , 2015 , 11, 2288-99	10.2	46
260	TOR-dependent post-transcriptional regulation of autophagy. <i>Autophagy</i> , 2015 , 11, 2390-2	10.2	9
259	A large-scale analysis of autophagy-related gene expression identifies new regulators of autophagy. <i>Autophagy</i> , 2015 , 11, 2114-2122	10.2	42
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