Sharon M Gorski

List of Publications by Year
in descending order

64 papers	22,462 citations	147801 31 h-index	110387 64 g-index
66 all docs	66 docs citations	66 times ranked	40959 citing authors

#	Article	IF	Citations
1	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. Journal of Extracellular Vesicles, 2018, 7, 1535750.	12.2	6,961
2	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
3	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
4	Comprehensive molecular characterization of clear cell renal cell carcinoma. Nature, 2013, 499, 43-49.	27.8	2,839
5	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. Autophagy, 2008, 4, 151-175.	9.1	2,064
6	The interplay between exosomes and autophagy â€“ partners in crime. Journal of Cell Science, 2018, 131, .	2.0	232
7	Macroautophagy inhibition sensitizes tamoxifen-resistant breast cancer cells and enhances mitochondrial depolarization. Breast Cancer Research and Treatment, 2008, 112, 389-403.	2.5	215
8	A SAGE Approach to Discovery of Genes Involved in Autophagic Cell Death. Current Biology, 2003, 13, 358-363.	3.9	198
9	The phylogeny of echinoderm classes based on mitochondrial gene arrangements. Journal of Molecular Evolution, 1993, 36, 545-554.	1.8	181
10	The core autophagy protein ATG4B is a potential biomarker and therapeutic target in CML stem/progenitor cells. Blood, 2014, 123, 3622-3634.	1.4	177
11	Effector caspase Dcp-1 and IAP protein Bruce regulate starvation-induced autophagy during Drosophila melanogaster oogenesis. Journal of Cell Biology, 2008, 182, 1127-1139.	5.2	164
12	Autophagy Inhibition Augments the Anticancer Effects of Epirubicin Treatment in Anthracycline-Sensitive and -Resistant Triple-Negative Breast Cancer. Clinical Cancer Research, 2014, 20, 3159-3173.	7.0	126
13	Cross-cancer profiling of molecular alterations within the human autophagy interaction network. Autophagy, 2015, 11, 1668-1687.	9.1	107
14	Autophagy occurs upstream or parallel to the apoptosome during histolytic cell death. Development (Cambridge), 2006, 133, 1457-1465.	2.5	93
15	Induction of Autophagy Is an Early Response to Gefitinib and a Potential Therapeutic Target in Breast Cancer. PLoS ONE, 2013, 8, e76503.	2.5	88
16	Molecular Mechanisms Underlying Autophagy-Mediated Treatment Resistance in Cancer. Cancers, 2019, 11, 1775.	3.7	62
17	Identification of breast cancer cell subtypes sensitive to ATG4B inhibition. Oncotarget, 2016, 7, 66970-66988.	1.8	58
18	The autophagy protein <scp>LC3A</scp> correlates with hypoxia and is a prognostic marker of patient survival in clear cell ovarian cancer. Journal of Pathology, 2012, 228, 437-447.	4.5	49

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19	LysoTracker Staining to Aid in Monitoring Autophagy in Drosophila. Cold Spring Harbor Protocols, 2014, 2014, pdb.prot080325.	0.3	49
20	Gene arrangement in sea star mitochondrial DNA demonstrates a major inversion event during echinoderm evolution. Gene, 1989, 76, 181-185.	2.2	47
21	Pharmacological Inhibition of O-GlcNAcase Enhances Autophagy in Brain through an mTOR-Independent Pathway. ACS Chemical Neuroscience, 2018, 9, 1366-1379.	3.5	47
22	Monitoring Autophagic Flux Using Ref(2)P, the Drosophila p62 Ortholog. Cold Spring Harbor Protocols, 2014, 2014, pdb.prot080333.	0.3	45
23	Drosophila nemo is an essential gene involved in the regulation of programmed cell death. Mechanisms of Development, 2002, 119, 9-20.	1.7	43
24	The Drosophila effector caspase Dcp-1 regulates mitochondrial dynamics and autophagic flux via SesB. Journal of Cell Biology, 2014, 205, 477-492.	5.2	43
25	Nucleotide sequence of nine protein-coding genes and 22 tRNAs in the mitochondrial DNA of the sea starPisaster ochraceus. Journal of Molecular Evolution, 1990, 31, 195-204.	1.8	41
26	Clinical Applications of Autophagy Proteins in Cancer: From Potential Targets to Biomarkers. International Journal of Molecular Sciences, 2017, 18, 1496.	4.1	41
27	Macroautophagy: The key ingredient to a healthy diet?. Autophagy, 2009, 5, 140-151.	9.1	37
28	Mutations in CIC and IDH1 cooperatively regulate 2-hydroxyglutarate levels and cell clonogenicity. Oncotarget, 2014, 5, 7960-7979.	1.8	35
29	Posttranslational Modification and Plasma Membrane Localization of the Drosophila melanogaster Presenilin. Molecular and Cellular Neurosciences, 2000, 15, 88-98.	2.2	34
30	Here, There Be Dragons: Charting Autophagy-Related Alterations in Human Tumors. Clinical Cancer Research, 2012, 18, 1214-1226.	7.0	34
31	Inhibition of glutamineâ€dependent autophagy increases tâ€PA production in CHO Cell fedâ€batch processes. Biotechnology and Bioengineering, 2012, 109, 1228-1238.	3.3	33
32	Evolution of tools and methods for monitoring autophagic flux in mammalian cells. Biochemical Society Transactions, 2018, 46, 97-110.	3.4	33
33	A new quinoline-based chemical probe inhibits the autophagy-related cysteine protease ATG4B. Scientific Reports, 2018, 8, 11653.	3.3	33
34	Molecular characterization of metastatic pancreatic neuroendocrine tumors (PNETs) using whole-genome and transcriptome sequencing. Journal of Physical Education and Sports Management, 2018, 4, a002329.	1.2	30
35	Monitoring Autophagic Flux by Using Lysosomal Inhibitors and Western Blotting of Endogenous MAP1LC3B. Cold Spring Harbor Protocols, 2015, 2015, pdb.prot086256.	0.3	25
36	A Screen for Dominant Modifiers of the irreC-rst Cell Death Phenotype in the Developing Drosophila Retina. Genetics, 2000, 156, 205-217.	2.9	25

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37	Steroid Hormone Control of Cell Death and Cell Survival: Molecular Insights Using RNAi. PLoS Genetics, 2009, 5, e1000379.	3.5	22
38	Loss of Parkinsonâ€™s susceptibility gene LRRK2 promotes carcinogen-induced lung tumorigenesis. Scientific Reports, 2021, 11, 2097.	3.3	22
39	Linkage analysis of X-linked cleft palate and ankyloglossia in Manitoba Mennonite and British Columbia Native kindreds. Human Genetics, 1994, 94, 141-8.	3.8	21
40	Delta and Notch promote correct localization of IrreC-rst. Cell Death and Differentiation, 2000, 7, 1011-1013.	11.2	21
41	Conserved and divergent functions of Drosophila atonal, amphibian, and mammalian Ath5 genes. Evolution & Development, 2003, 5, 532-541.	2.0	18
42	Chloroquine treatment induces secretion of autophagy-related proteins and inclusion of Atg8-family proteins in distinct extracellular vesicle populations. Autophagy, 2022, 18, 2547-2560.	9.1	18
43	Precision autophagy: Will the next wave of selective autophagy markers and specific autophagy inhibitors feed clinical pipelines?. Autophagy, 2015, 11, 1949-1952.	9.1	17
44	Genomic characterization of a well-differentiated grade 3 pancreatic neuroendocrine tumor. Journal of Physical Education and Sports Management, 2019, 5, a003814.	1.2	17
45	Differential expression and prognostic relevance of autophagy-related markers ATG4B, GABARAP, and LC3B in breast cancer. Breast Cancer Research and Treatment, 2020, 183, 525-547.	2.5	17
46	Monitoring Autophagy in Drosophila Using Fluorescent Reporters in the UAS-GAL4 System. Cold Spring Harbor Protocols, 2014, 2014, pdb.prot080341.	0.3	15
47	Expression of protein tyrosine phosphatase genes during oogenesis in Drosophila melanogaster. Mechanisms of Development, 1995, 53, 171-183.	1.7	14
48	Proteotranscriptomic classification and characterization of pancreatic neuroendocrine neoplasms. Cell Reports, 2021, 37, 109817.	6.4	14
49	Shaping and Stretching Life by Autophagy. Developmental Cell, 2003, 5, 364-365.	7.0	13
50	Hsp83 loss suppresses proteasomal activity resulting in an upregulation of caspase-dependent compensatory autophagy. Autophagy, 2017, 13, 1573-1589.	9.1	12
51	An executioner caspase regulates autophagy. Autophagy, 2009, 5, 530-533.	9.1	11
52	echinus, required for interommatidial cell sorting and cell death in the Drosophila pupal retina, encodes a protein with homology to ubiquitin-specific proteases. BMC Developmental Biology, 2007, 7, 82.	2.1	10
53	The Drosophila TIPE family member Sigmar interacts with the Ste20-like kinase Misshapen and modulates JNK signaling, cytoskeletal remodeling and autophagy. Biology Open, 2015, 4, 672-684.	1.2	10
54	Programmed cell death takes flight: genetic and genomic approaches to gene discovery in Drosophila. Physiological Genomics, 2002, 9, 59-69.	2.3	9

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55	Techniques for the Detection of Autophagy in Primary Mammalian Cells. Cold Spring Harbor Protocols, 2015, 2015, pdb.top070391.	0.3	7
56	Genetic Manipulation of Autophagy in the Drosophila Ovary. Cold Spring Harbor Protocols, 2014, 2014, pdb.prot080358.	0.3	6
57	A mitochondrial-associated link between an effector caspase and autophagic flux. Autophagy, 2014, 10, 1866-1867.	9.1	5
58	Diverse mechanisms of autophagy dysregulation and their therapeutic implications: does the shoe fit?. Autophagy, 2019, 15, 368-371.	9.1	5
59	The Interplay between Autophagy and Apoptosis. , 2014, , 369-383.		2
60	Single-cell analysis of autophagy activity in normal and de novo transformed human mammary cells. Scientific Reports, 2020, 10, 20266.	3.3	2
61	Puncta intended: connecting the dots between autophagy and cell stress networks. Autophagy, 2021, 17, 1028-1033.	9.1	2
62	Inhibiting the Core Autophagy Enzyme ATG4B with Novel Drugs Sensitizes Resistant Leukemic Stem/Progenitor Cells to Standard Targeted Therapy. Blood, 2018, 132, 933-933.	1.4	2
63	Unlocking the gate to GABARAPL2. Biologia Futura, 2022, 73, 157-169.	1.4	2
64	Protocol for analysis of RNA-sequencing and proteome profiling data for subgroup identification and comparison. STAR Protocols, 2022, 3, 101283.	1.2	2