Derrick J Gibbings

List of Publications by Year
in descending order

22 papers	6,881 citations	516215 16 h-index	610482 24 g-index
24 all docs	24 docs citations	24 times ranked	17653 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
2	Multivesicular bodies associate with components of miRNA effector complexes and modulate miRNA activity. Nature Cell Biology, 2009, 11, 1143-1149.	4.6	915
3	Selective autophagy degrades DICER and AGO2 and regulates miRNA activity. Nature Cell Biology, 2012, 14, 1314-1321.	4.6	225
4	Atg5 Disassociates the V1V0-ATPase to Promote Exosome Production and Tumor Metastasis Independent of Canonical Macroautophagy. Developmental Cell, 2017, 43, 716-730.e7.	3.1	205
5	A complex of C9ORF72 and p62 uses arginine methylation to eliminate stress granules by autophagy. Nature Communications, 2018, 9, 2794.	5.8	126
6	Autophagy supports genomic stability by degrading retrotransposon RNA. Nature Communications, 2014, 5, 5276.	5.8	120
7	Reduction of the therapeutic dose of silencing RNA by packaging it in extracellular vesicles via a pre-microRNA backbone. Nature Biomedical Engineering, 2020, 4, 52-68.	11.6	97
8	Competition for XPO5 binding between Dicer mRNA, pre-miRNA and viral RNA regulates human Dicer levels. Nature Structural and Molecular Biology, 2011, 18, 323-327.	3.6	84
9	Control of RNA silencing and localization by endolysosomes. Trends in Cell Biology, 2010, 20, 491-501.	3.6	66
10	CD4 and CD8: an inside-out coreceptor model for innate immune cells. Journal of Leukocyte Biology, 2009, 86, 251-259.	1.5	64
11	Human prion protein binds Argonaute and promotes accumulation of microRNA effector complexes. Nature Structural and Molecular Biology, 2012, 19, 517-524.	3.6	43
12	AMPK Promotes Xenophagy through Priming of Autophagic Kinases upon Detection of Bacterial Outer Membrane Vesicles. Cell Reports, 2019, 26, 2150-2165.e5.	2.9	43
13	CD8Î± is expressed by human monocytes and enhances FcÎ³R-dependent responses. BMC Immunology, 2007, 8, 12.	0.9	38
14	Autophagy selectively regulates miRNA homeostasis. Autophagy, 2013, 9, 781-783.	4.3	38
15	Integrative genomics positions <scp>MKRN</scp> 1 as a novel ribonucleoprotein within the embryonic stem cell gene regulatory network. EMBO Reports, 2015, 16, 1334-1357.	2.0	28
16	The Transcription Factor Wilms Tumor 1 Regulates Matrix Metalloproteinase-9 through a Nitric Oxide-Mediated Pathway. Journal of Immunology, 2007, 179, 256-265.	0.4	24
17	Virally programmed extracellular vesicles sensitize cancer cells to oncolytic virus and small molecule therapy. Nature Communications, 2022, 13, 1898.	5.8	16
18	Tissue-specific gene silencing monitored in circulating RNA. Rna, 2014, 20, 143-149.	1.6	13

#	Article	IF	Citations
19	Autophagy-independent effects of autophagy-related-5 (Atg5) on exosome production and metastasis. Molecular and Cellular Oncology, 2018, 5, e1445941.	0.3	10
20	Wildâ€type and mutant SOD1 localizes to RNAâ€rich structures in cells and mice but does not bind RNA. Journal of Neurochemistry, 2021, 156, 524-538.	2.1	10
21	Continuous Density Gradients to Study Argonaute and GW182 Complexes Associated with the Endocytic Pathway. Methods in Molecular Biology, 2011, 725, 63-76.	0.4	3
22	A genome-wide strategy to identify causes and consequences of retrotransposon expression finds activation by BRCA1 in ovarian cancer. NAR Cancer, 2021, 3, zcaa040.	1.6	2