Benjamin E Housden

List of Publications by Year
in descending order

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28	3,428	430874 18	526287 27
papers	citations	h-index	g-index

31	31	31	5830
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Characterization of the RNA-interference pathway as a tool for reverse genetic analysis in the nascent phototrophic endosymbiosis, Paramecium bursaria. Royal Society Open Science, 2021, 8, 210140.	2.4	6
2	Emergent RNAâ€“RNA interactions can promote stability in a facultative phototrophic endosymbiosis. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	8
3	HIF-independent synthetic lethality between CDK4/6 inhibition and VHL loss across species. Science Signaling, 2019, 12, .	3.6	47
4	The Septate Junction Protein Tsp2A Restricts Intestinal Stem Cell Activity via Endocytic Regulation of aPKC and Hippo Signaling. Cell Reports, 2019, 26, 670-688.e6.	6.4	43
5	Loss of CDK4/6 Activity Is Synthetic Lethal with VHL Inactivation in Clear Cell Renal Cell Carcinoma. FASEB Journal, 2019, 33, 674.9.	0.5	0
6	Zinc Detoxification: A Functional Genomics and Transcriptomics Analysis in Drosophila melanogaster Cultured Cells. G3: Genes, Genomes, Genetics, 2018, 8, 631-641.	1.8	19
7	A gene-specific T2A-GAL4 library for Drosophila. ELife, 2018, 7, .	6.0	203
8	Variable Dose Analysis: A Novel High-throughput RNAi Screening Method for Drosophila Cells. Bio-protocol, 2018, 8, e3112.	0.4	1
9	A Mechanism Coupling Systemic Energy Sensing to Adipokine Secretion. Developmental Cell, 2017, 43, 83-98.e6.	7.0	36
10	mTORC1 Couples Nucleotide Synthesis to Nucleotide Demand Resulting in a Targetable Metabolic Vulnerability. Cancer Cell, 2017, 32, 624-638.e5.	16.8	109
11	Loss-of-function genetic tools for animal models: cross-species and cross-platform differences. Nature Reviews Genetics, 2017, 18, 24-40.	16.3	159
12	Improved detection of synthetic lethal interactions in Drosophila cells using variable dose analysis (VDA). Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E10755-E10762.	7.1	8
13	Synthetic Lethality Screens Using RNAi in Combination with CRISPR-based Knockout in Drosophila Cells. Bio-protocol, 2017, 7, .	0.4	12
14	Seipin is required for converting nascent to mature lipid droplets. ELife, 2016, 5, .	6.0	292
15	<scp>CRISPR</scp> guide <scp>RNA</scp> design for research applications. FEBS Journal, 2016, 283, 3232-3238.	4.7	74
16	Comparison of Cas9 activators in multiple species. Nature Methods, 2016, 13, 563-567.	19.0	438
17	Cas9-Mediated Genome Engineering in Drosophila melanogaster. Cold Spring Harbor Protocols, 2016, 2016, pdb.top086843.	0.3	18
18	Design and Generation of Drosophila Single Guide RNA Expression Constructs. Cold Spring Harbor Protocols, 2016, 2016, pdb.prot090779.	0.3	12

#	Article	IF	Citations
19	Design and Generation of Donor Constructs for Genome Engineering in Drosophila. Cold Spring Harbor Protocols, 2016, 2016, pdb.prot090787.	0.3	17
20	Detection of Indel Mutations in Drosophila by High-Resolution Melt Analysis (HRMA). Cold Spring Harbor Protocols, 2016, 2016, pdb.prot090795.	0.3	11
21	Mapping signaling pathway cross-talk in Drosophila cells. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9940-9945.	7.1	35
22	Comparing CRISPR and RNAi-based screening technologies. Nature Biotechnology, 2016, 34, 621-623.	17.5	36
23	Highly efficient Cas9-mediated transcriptional programming. Nature Methods, 2015, 12, 326-328.	19.0	1,245
24	Identification of potential drug targets for tuberous sclerosis complex by synthetic screens combining CRISPR-based knockouts with RNAi. Science Signaling, 2015, 8, rs9.	3.6	113
25	Cas9-Based Genome Editing in Drosophila. Methods in Enzymology, 2014, 546, 415-439.	1.0	41
26	Spatial and temporal organization of signaling pathways. Trends in Biochemical Sciences, 2014, 39, 457-464.	7.5	60
27	Visualizing Notch Signaling In Vivo in Drosophila Tissues. Methods in Molecular Biology, 2014, 1187, 101-113.	0.9	13
28	Optimized gene editing technology for Drosophila melanogaster using germ line-specific Cas9. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19012-19017.	7.1	365