

Benjamin E Housden

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

3,428
citations

430874

18
h-index

526287

27
g-index

31
all docs

31
docs citations

31
times ranked

5830
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly efficient Cas9-mediated transcriptional programming. <i>Nature Methods</i> , 2015, 12, 326-328.	19.0	1,245
2	Comparison of Cas9 activators in multiple species. <i>Nature Methods</i> , 2016, 13, 563-567.	19.0	438
3	Optimized gene editing technology for <i>Drosophila melanogaster</i> using germ line-specific Cas9. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19012-19017.	7.1	365
4	Seipin is required for converting nascent to mature lipid droplets. <i>ELife</i> , 2016, 5, .	6.0	292
5	A gene-specific T2A-GAL4 library for <i>Drosophila</i> . <i>ELife</i> , 2018, 7, .	6.0	203
6	Loss-of-function genetic tools for animal models: cross-species and cross-platform differences. <i>Nature Reviews Genetics</i> , 2017, 18, 24-40.	16.3	159
7	Identification of potential drug targets for tuberous sclerosis complex by synthetic screens combining CRISPR-based knockouts with RNAi. <i>Science Signaling</i> , 2015, 8, rs9.	3.6	113
8	mTORC1 Couples Nucleotide Synthesis to Nucleotide Demand Resulting in a Targetable Metabolic Vulnerability. <i>Cancer Cell</i> , 2017, 32, 624-638.e5.	16.8	109
9	CRISPR guide RNA design for research applications. <i>FEBS Journal</i> , 2016, 283, 3232-3238.	4.7	74
10	Spatial and temporal organization of signaling pathways. <i>Trends in Biochemical Sciences</i> , 2014, 39, 457-464.	7.5	60
11	HIF-independent synthetic lethality between CDK4/6 inhibition and VHL loss across species. <i>Science Signaling</i> , 2019, 12, .	3.6	47
12	The Septate Junction Protein Tsp2A Restricts Intestinal Stem Cell Activity via Endocytic Regulation of aPKC and Hippo Signaling. <i>Cell Reports</i> , 2019, 26, 670-688.e6.	6.4	43
13	Cas9-Based Genome Editing in <i>Drosophila</i> . <i>Methods in Enzymology</i> , 2014, 546, 415-439.	1.0	41
14	Comparing CRISPR and RNAi-based screening technologies. <i>Nature Biotechnology</i> , 2016, 34, 621-623.	17.5	36
15	A Mechanism Coupling Systemic Energy Sensing to Adipokine Secretion. <i>Developmental Cell</i> , 2017, 43, 83-98.e6.	7.0	36
16	Mapping signaling pathway cross-talk in <i>Drosophila</i> cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9940-9945.	7.1	35
17	Zinc Detoxification: A Functional Genomics and Transcriptomics Analysis in <i>Drosophila melanogaster</i> Cultured Cells. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 631-641.	1.8	19
18	Cas9-Mediated Genome Engineering in <i>Drosophila melanogaster</i> . <i>Cold Spring Harbor Protocols</i> , 2016, 2016, pdb.top086843.	0.3	18

#	ARTICLE	IF	CITATIONS
19	Design and Generation of Donor Constructs for Genome Engineering in <i>Drosophila</i> . Cold Spring Harbor Protocols, 2016, 2016, pdb.prot090787.	0.3	17
20	Visualizing Notch Signaling In Vivo in <i>Drosophila</i> Tissues. Methods in Molecular Biology, 2014, 1187, 101-113.	0.9	13
21	Design and Generation of <i>Drosophila</i> Single Guide RNA Expression Constructs. Cold Spring Harbor Protocols, 2016, 2016, pdb.prot090779.	0.3	12
22	Synthetic Lethality Screens Using RNAi in Combination with CRISPR-based Knockout in <i>Drosophila</i> Cells. Bio-protocol, 2017, 7, .	0.4	12
23	Detection of Indel Mutations in <i>Drosophila</i> by High-Resolution Melt Analysis (HRMA). Cold Spring Harbor Protocols, 2016, 2016, pdb.prot090795.	0.3	11
24	Improved detection of synthetic lethal interactions in <i>Drosophila</i> 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
25	Emergent RNA-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
26	Characterization of the RNA-interference pathway as a tool for reverse genetic analysis in the nascent phototrophic endosymbiosis, <i>Paramecium bursaria</i> . Royal Society Open Science, 2021, 8, 210140.	2.4	6
27	Variable Dose Analysis: A Novel High-throughput RNAi Screening Method for <i>Drosophila</i> Cells. Bio-protocol, 2018, 8, e3112.	0.4	1
28	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