Emanuel GonÃ§alves

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/12044041/publications.pdf

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27 papers	4,612 citations	304743 22 h-index	501196 28 g-index
41 all docs	41 docs citations	41 times ranked	8455 citing authors

#	Article	IF	Citations
1	A suspension technique for efficient large-scale cancer organoid culturing and perturbation screens. Scientific Reports, 2022, 12, 5571.	3.3	11
2	Pan-cancer proteomic map of 949 human cell lines. Cancer Cell, 2022, 40, 835-849.e8.	16.8	52
3	Project Score database: a resource for investigating cancer cell dependencies and prioritizing therapeutic targets. Nucleic Acids Research, 2021, 49, D1365-D1372.	14.5	54
4	Integrated cross-study datasets of genetic dependencies in cancer. Nature Communications, 2021, 12, 1661.	12.8	135
5	Genome and metabolome: chance and necessity. Genome Biology, 2021, 22, 276.	8.8	4
6	Minimal genome-wide human CRISPR-Cas9 library. Genome Biology, 2021, 22, 40.	8.8	40
7	Combinatorial CRISPR screen identifies fitness effects of gene paralogues. Nature Communications, 2021, 12, 1302.	12.8	59
8	<scp>SBML</scp> Level 3: an extensible format for the exchange and reuse of biological models. Molecular Systems Biology, 2020, 16, e9110.	7.2	178
9	Drug mechanismâ€ofâ€action discovery through the integration of pharmacological and <scp>CRISPR</scp> screens. Molecular Systems Biology, 2020, 16, e9405.	7.2	63
10	Genome-wide CRISPR screens of oral squamous cell carcinoma reveal fitness genes in the Hippo pathway. ELife, 2020, 9, .	6.0	31
11	Multi-omics Characterization of Interaction-mediated Control of Human Protein Abundance levels. Molecular and Cellular Proteomics, 2019, 18, S114-S125.	3.8	16
12	Functional linkage of gene fusions to cancer cell fitness assessed by pharmacological and CRISPR-Cas9 screening. Nature Communications, 2019, 10, 2198.	12.8	92
13	Prioritization of cancer therapeutic targets using CRISPRâ€“Cas9 screens. Nature, 2019, 568, 511-516.	27.8	886
14	Structural rearrangements generate cell-specific, gene-independent CRISPR-Cas9 loss of fitness effects. Genome Biology, 2019, 20, 27.	8.8	35
15	Agreement between two large pan-cancer CRISPR-Cas9 gene dependency data sets. Nature Communications, 2019, 10, 5817.	12.8	160
16	Post-translational regulation of metabolism in fumarate hydratase deficient cancer cells. Metabolic Engineering, 2018, 45, 149-157.	7.0	27
17	Unsupervised correction of gene-independent cell responses to CRISPR-Cas9 targeting. BMC Genomics, 2018, 19, 604.	2.8	75
18	Widespread Post-transcriptional Attenuation of Genomic Copy-Number Variation in Cancer. Cell Systems, 2017, 5, 386-398.e4.	6.2	102

#	Article	IF	Citations
19	Genomic Determinants of Protein Abundance Variation in Colorectal Cancer Cells. Cell Reports, 2017, 20, 2201-2214.	6.4	95
20	Systematic Analysis of Transcriptional and Post-transcriptional Regulation of Metabolism in Yeast. PLoS Computational Biology, 2017, 13, e1005297.	3.2	51
21	A Landscape of Pharmacogenomic Interactions in Cancer. Cell, 2016, 166, 740-754.	28.9	1,518
22	Fumarate is an epigenetic modifier that elicits epithelial-to-mesenchymal transition. Nature, 2016, 537, 544-547.	27.8	443
23	SBML qualitative models: a model representation format and infrastructure to foster interactions between qualitative modelling formalisms and tools. BMC Systems Biology, 2013, 7, 135.	3.0	145
24	Bridging the layers: towards integration of signal transduction, regulation and metabolism into mathematical models. Molecular BioSystems, 2013, 9, 1576.	2.9	83
25	Cyrface: An interface from Cytoscape to R that provides a user interface to R packages. F1000Research, 2013, 2, 192.	1.6	3
26	Cyrface: An interface from Cytoscape to R that provides a user interface to R packages. F1000Research, 2013, 2, 192.	1.6	2
27	CellNOptR: a flexible toolkit to train protein signaling networks to data using multiple logic formalisms. BMC Systems Biology, 2012, 6, 133.	3.0	198