Raamesh Deshpande

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10586015/publications.pdf

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		567281	794594
18	3,782	15	19
papers	citations	h-index	g-index

26	26	26	5665
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Genetic Landscape of a Cell. Science, 2010, 327, 425-431.	12.6	1,937
2	A global genetic interaction network maps a wiring diagram of cellular function. Science, 2016, 353, .	12.6	979
3	Systematic analysis of complex genetic interactions. Science, 2018, 360, .	12.6	201
4	Forazolineâ€…A: Marineâ€Derived Polyketide with Antifungal Inâ€…Vivo Efficacy. Angewandte Chemie - International Edition, 2014, 53, 11583-11586.	13.8	98
5	Plant-derived antifungal agent poacic acid targets Î²-1,3-glucan. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1490-7.	7.1	91
6	Functional annotation of chemical libraries across diverse biological processes. Nature Chemical Biology, 2017, 13, 982-993.	8.0	76
7	Unraveling the Biology of a Fungal Meningitis Pathogen Using Chemical Genetics. Cell, 2014, 159, 1168-1187.	28.9	67
8	A Comparative Genomic Approach for Identifying Synthetic Lethal Interactions in Human Cancer. Cancer Research, 2013, 73, 6128-6136.	0.9	56
9	Conserved rules govern genetic interaction degree across species. Genome Biology, 2012, 13, R57.	9.6	48
10	Padanamides A and B, Highly Modified Linear Tetrapeptides Produced in Culture by a Streptomyces sp. Isolated from a Marine Sediment. Organic Letters, 2011, 13, 3936-3939.	4.6	46
11	Comparison of Profile Similarity Measures for Genetic Interaction Networks. PLoS ONE, 2013, 8, e68664.	2.5	31
12	Chemical Genomic Profiling via Barcode Sequencing to Predict Compound Mode of Action. Methods in Molecular Biology, 2015, 1263, 299-318.	0.9	29
13	Unbiased Screening of Marine Sponge Extracts for Anti-inflammatory Agents Combined with Chemical Genomics Identifies Girolline as an Inhibitor of Protein Synthesis. ACS Chemical Biology, 2014, 9, 247-257.	3.4	25
14	A Scalable Approach for Discovering Conserved Active Subnetworks across Species. PLoS Computational Biology, 2010, 6, e1001028.	3.2	17
15	Using BEAN-counter to quantify genetic interactions from multiplexed barcode sequencing experiments. Nature Protocols, 2019, 14, 415-440.	12.0	16
16	Predicting bioprocess targets of chemical compounds through integration of chemical-genetic and genetic interactions. PLoS Computational Biology, 2018, 14, e1006532.	3.2	13
17	In Silico Prediction of Novel Drug Combinations to Combat Bortezomib-Resistant Multiple Myeloma. Blood, 2012, 120, 1344-1344.	1.4	8
18	Comparing Host Module Activation Patterns and Temporal Dynamics in Infection by Influenza H1N1 Viruses. Frontiers in Immunology, 2021, 12, 691758.	4.8	0