Yogesh Goyal

List of Publications by Year in descending order

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21 papers	963 citations	687363 13 h-index	677142 22 g-index
29 all docs	29 docs citations	29 times ranked	1526 citing authors

#	Article	IF	Citations
1	Preformation and epigenesis converge to specify primordial germ cell fate in the early Drosophila embryo. PLoS Genetics, 2022, 18, e1010002.	3.5	11
2	Cell type determination for cardiac differentiation occurs soon after seeding of human-induced pluripotent stem cells. Genome Biology, 2022, 23, 90.	8.8	13
3	Molecular mechanisms underlying cellular effects of human MEK1 mutations. Molecular Biology of the Cell, 2021, 32, 974-983.	2.1	6
4	Responsiveness to perturbations is a hallmark of transcription factors that maintain cell identity inÂvitro. Cell Systems, 2021, 12, 885-899.e8.	6.2	17
5	Gene Networks with Transcriptional Bursting Recapitulate Rare Transient Coordinated High Expression States in Cancer. Cell Systems, 2020, 10, 363-378.e12.	6.2	54
6	Activation-induced substrate engagement in ERK signaling. Molecular Biology of the Cell, 2020, 31, 235-243.	2.1	9
7	Art and science. EMBO Reports, 2019, 20, .	4.5	12
8	A quantitative model of developmental RTK signaling. Developmental Biology, 2018, 442, 80-86.	2.0	15
9	The Spatiotemporal Limits of Developmental Erk Signaling. Developmental Cell, 2017, 40, 185-192.	7.0	158
10	Divergent effects of intrinsically active MEK variants on developmental Ras signaling. Nature Genetics, 2017, 49, 465-469.	21.4	51
11	Uncoupling neurogenic gene networks in the Drosophila embryo. Genes and Development, 2017, 31, 634-638.	5.9	20
12	Parallel imaging of Drosophila embryos for quantitative analysis of genetic perturbations of the Ras pathway. DMM Disease Models and Mechanisms, 2017, 10, 923-929.	2.4	12
13	In vivo severity ranking of Ras pathway mutations associated with developmental disorders. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 510-515.	7.1	44
14	How activating mutations affect MEK1 regulation and function. Journal of Biological Chemistry, 2017, 292, 18814-18820.	3.4	15
15	ÂÂÂSilencing of retrotransposons by SETDB1 inhibits the interferon response in acute myeloid leukemiaÂÂ. Journal of Cell Biology, 2017, 216, 3535-3549.	5.2	144
16	RASopathies: unraveling mechanisms with animal models. DMM Disease Models and Mechanisms, 2015, 8, 769-782.	2.4	66
17	Structural Basis of Neurohormone Perception by the Receptor Tyrosine Kinase Torso. Molecular Cell, 2015, 60, 941-952.	9.7	15
18	Metabolic engineering for enhanced hydrogen production: a review. Canadian Journal of Microbiology, 2013, 59, 59-78.	1.7	33

#	Article	IF	Citations
19	Comparative economic assessment of ABE fermentation based on cellulosic and non-cellulosic feedstocks. Applied Energy, 2012, 93, 193-204.	10.1	159
20	Evaluating Factors That Influence Microbial Synthesis Yields by Linear Regression with Numerical and Ordinal Variables. Biotechnology and Bioengineering, 2011, 108, 893-901.	3.3	29
21	Role of dopant concentration, crystal phase and particle size on microbial inactivation of Cu-doped TiO₂nanoparticles. Nanotechnology, 2011, 22, 415704.	2.6	16