

Yogesh Goyal

List of Publications by Year in descending order

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Version: 2024-02-01

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	Comparative economic assessment of ABE fermentation based on cellulosic and non-cellulosic feedstocks. <i>Applied Energy</i> , 2012, 93, 193-204.	10.1	159
2	The Spatiotemporal Limits of Developmental Erk Signaling. <i>Developmental Cell</i> , 2017, 40, 185-192.	7.0	158
3	Silencing of retrotransposons by SETDB1 inhibits the interferon response in acute myeloid leukemia. <i>Journal of Cell Biology</i> , 2017, 216, 3535-3549.	5.2	144
4	RASopathies: unraveling mechanisms with animal models. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 769-782.	2.4	66
5	Gene Networks with Transcriptional Bursting Recapitulate Rare Transient Coordinated High Expression States in Cancer. <i>Cell Systems</i> , 2020, 10, 363-378.e12.	6.2	54
6	Divergent effects of intrinsically active MEK variants on developmental Ras signaling. <i>Nature Genetics</i> , 2017, 49, 465-469.	21.4	51
7	In vivo severity ranking of Ras pathway mutations associated with developmental disorders. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 510-515.	7.1	44
8	Metabolic engineering for enhanced hydrogen production: a review. <i>Canadian Journal of Microbiology</i> , 2013, 59, 59-78.	1.7	33
9	Evaluating Factors That Influence Microbial Synthesis Yields by Linear Regression with Numerical and Ordinal Variables. <i>Biotechnology and Bioengineering</i> , 2011, 108, 893-901.	3.3	29
10	Uncoupling neurogenic gene networks in the <i>Drosophila</i> embryo. <i>Genes and Development</i> , 2017, 31, 634-638.	5.9	20
11	Responsiveness to perturbations is a hallmark of transcription factors that maintain cell identity in vitro. <i>Cell Systems</i> , 2021, 12, 885-899.e8.	6.2	17
12	Role of dopant concentration, crystal phase and particle size on microbial inactivation of Cu-doped TiO ₂ nanoparticles. <i>Nanotechnology</i> , 2011, 22, 415704.	2.6	16
13	Structural Basis of Neurohormone Perception by the Receptor Tyrosine Kinase Torso. <i>Molecular Cell</i> , 2015, 60, 941-952.	9.7	15
14	How activating mutations affect MEK1 regulation and function. <i>Journal of Biological Chemistry</i> , 2017, 292, 18814-18820.	3.4	15
15	A quantitative model of developmental RTK signaling. <i>Developmental Biology</i> , 2018, 442, 80-86.	2.0	15
16	Cell type determination for cardiac differentiation occurs soon after seeding of human-induced pluripotent stem cells. <i>Genome Biology</i> , 2022, 23, 90.	8.8	13
17	Parallel imaging of <i>Drosophila</i> embryos for quantitative analysis of genetic perturbations of the Ras pathway. <i>DMM Disease Models and Mechanisms</i> , 2017, 10, 923-929.	2.4	12
18	Art and science. <i>EMBO Reports</i> , 2019, 20, .	4.5	12

#	ARTICLE	IF	CITATIONS
19	Preformation and epigenesis converge to specify primordial germ cell fate in the early Drosophila embryo. PLoS Genetics, 2022, 18, e1010002.	3.5	11
20	Activation-induced substrate engagement in ERK signaling. Molecular Biology of the Cell, 2020, 31, 235-243.	2.1	9
21	Molecular mechanisms underlying cellular effects of human MEK1 mutations. Molecular Biology of the Cell, 2021, 32, 974-983.	2.1	6