

Gur Pines

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3237110/publications.pdf>

Version: 2024-02-01

25
papers

1,975
citations

623188

14
h-index

676716

22
g-index

30
all docs

30
docs citations

30
times ranked

3607
citing authors

#	ARTICLE	IF	CITATIONS
1	The ERBB network: at last, cancer therapy meets systems biology. <i>Nature Reviews Cancer</i> , 2012, 12, 553-563.	12.8	766
2	Genome-wide mapping of mutations at single-nucleotide resolution for protein, metabolic and genome engineering. <i>Nature Biotechnology</i> , 2017, 35, 48-55.	9.4	298
3	Oncogenic mutant forms of EGFR: Lessons in signal transduction and targets for cancer therapy. <i>FEBS Letters</i> , 2010, 584, 2699-2706.	1.3	141
4	Defective ubiquitinylation of EGFR mutants of lung cancer confers prolonged signaling. <i>Oncogene</i> , 2007, 26, 6968-6978.	2.6	131
5	Bacterial Recombineering: Genome Engineering via Phage-Based Homologous Recombination. <i>ACS Synthetic Biology</i> , 2015, 4, 1176-1185.	1.9	89
6	EGFR and the ERK/ERF axis drive mammary cell migration in response to EGF. <i>FASEB Journal</i> , 2012, 26, 1582-1592.	0.2	88
7	Deubiquitination of EGFR by Cezanne-1 contributes to cancer progression. <i>Oncogene</i> , 2012, 31, 4599-4608.	2.6	84
8	EGFR ^{VIV} : a previously uncharacterized oncogenic mutant reveals a kinase autoinhibitory mechanism. <i>Oncogene</i> , 2010, 29, 5850-5860.	2.6	58
9	Kinase-mediated quasi-dimers of EGFR. <i>FASEB Journal</i> , 2010, 24, 4744-4755.	0.2	51
10	Multiplexed tracking of combinatorial genomic mutations in engineered cell populations. <i>Nature Biotechnology</i> , 2015, 33, 631-637.	9.4	49
11	Codon Compression Algorithms for Saturation Mutagenesis. <i>ACS Synthetic Biology</i> , 2015, 4, 604-614.	1.9	45
12	SILAC identifies LAD1 as a filamin-binding regulator of actin dynamics in response to EGF and a marker of aggressive breast tumors. <i>Science Signaling</i> , 2018, 11, .	1.6	41
13	Differential Detection of the Tobamoviruses Tomato Mosaic Virus (ToMV) and Tomato Brown Rugose Fruit Virus (ToBRFV) Using CRISPR-Cas12a. <i>Plants</i> , 2021, 10, 1256.	1.6	36
14	The Resistome: A Comprehensive Database of <i>Escherichia coli</i> Resistance Phenotypes. <i>ACS Synthetic Biology</i> , 2016, 5, 1566-1577.	1.9	17
15	Refactoring the Genetic Code for Increased Evolvability. <i>MBio</i> , 2017, 8, .	1.8	17
16	Genomic Deoxyxylulose Phosphate Reductoisomerase (DXR) Mutations Conferring Resistance to the Antimalarial Drug Fosmidomycin in <i>E. coli</i> . <i>ACS Synthetic Biology</i> , 2018, 7, 2824-2832.	1.9	11
17	Quantitative Tracking of Combinatorially Engineered Populations with Multiplexed Binary Assemblies. <i>ACS Synthetic Biology</i> , 2017, 6, 619-627.	1.9	9
18	Predicting Drug Resistance Using Deep Mutational Scanning. <i>Molecules</i> , 2020, 25, 2265.	1.7	8

#	ARTICLE	IF	CITATIONS
19	Kinase-mediated quasi-dimers of EGFR. <i>FASEB Journal</i> , 2010, 24, 4744-4755.	0.2	8
20	A Web Interface for Codon Compression. <i>ACS Synthetic Biology</i> , 2016, 5, 1021-1023.	1.9	7
21	Interfering with the Dimerization of the ErbB Receptors by Transmembrane Domain-Derived Peptides Inhibits Tumorigenic Growth in Vitro and in Vivo. <i>Biochemistry</i> , 2016, 55, 5520-5530.	1.2	7
22	Dynamic Management of Codon Compression for Saturation Mutagenesis. <i>Methods in Molecular Biology</i> , 2018, 1772, 171-189.	0.4	3
23	The EGFR/ERBB Receptor Family. , 2015, , 107-164.		3
24	Evolutionary Genomics: Supplement Aims and Scope. <i>Evolutionary Bioinformatics</i> , 2015, 11s2, EBO.S39729.	0.6	1
25	Highly Efficient Libraries Design for Saturation Mutagenesis. <i>Synthetic Biology</i> , 0, , .	1.2	1