Inna Kuperstein

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1478964/publications.pdf

Version: 2024-02-01

27 papers	3,690 citations	430874 18 h-index	526287 27 g-index
32 all docs	32 docs citations	32 times ranked	7216 citing authors

#	Article	IF	Citations
1	Atlas of Cancer Signaling Network: A Resource of Multi-Scale Biological Maps to Study Disease Mechanisms. , 2021, , 490-506.		0
2	Geneâ€•and pathwayâ€level analyses of iCOGS variants highlight novel signaling pathways underlying familial breast cancer susceptibility. International Journal of Cancer, 2021, 148, 1895-1909.	5.1	5
3	COVID19 Disease Map, a computational knowledge repository of virusâ€“host interaction mechanisms. Molecular Systems Biology, 2021, 17, e10387.	7.2	53
4	COVID-19 Disease Map, building a computational repository of SARS-CoV-2 virus-host interaction mechanisms. Scientific Data, 2020, 7, 136.	5.3	99
5	Comprehensive Map of the Regulated Cell Death Signaling Network: A Powerful Analytical Tool for Studying Diseases. Cancers, 2020, 12, 990.	3.7	5
6	A multiscale signalling network map of innate immune response in cancer reveals cell heterogeneity signatures. Nature Communications, 2019, 10, 4808.	12.8	44
7	The Phosphatase PRL-3 Is Involved in Key Steps of Cancer Metastasis. Journal of Molecular Biology, 2019, 431, 3056-3067.	4.2	21
8	Metabolic and signalling network maps integration: application to cross-talk studies and omics data analysis in cancer. BMC Bioinformatics, 2019, 20, 140.	2.6	10
9	Creation and analysis of biochemical constraint-based models using the COBRA Toolbox v.3.0. Nature Protocols, 2019, 14, 639-702.	12.0	833
10	The Virtual Metabolic Human database: integrating human and gut microbiome metabolism with nutrition and disease. Nucleic Acids Research, 2019, 47, D614-D624.	14.5	257
11	Community-driven roadmap for integrated disease maps. Briefings in Bioinformatics, 2019, 20, 659-670.	6.5	48
12	Application of Atlas of Cancer Signalling Network in preclinical studies. Briefings in Bioinformatics, 2019, 20, 701-716.	6.5	16
13	Fibroblast Heterogeneity and Immunosuppressive Environment in Human Breast Cancer. Cancer Cell, 2018, 33, 463-479.e10.	16.8	1,074
14	Signalling maps in cancer research: construction and data analysis. Database: the Journal of Biological Databases and Curation, 2018, 2018, .	3.0	13
15	Systems medicine disease maps: community-driven comprehensive representation of disease mechanisms. Npj Systems Biology and Applications, 2018, 4, 21.	3.0	84
16	NaviCom: a web application to create interactive molecular network portraits using multi-level omics data. Database: the Journal of Biological Databases and Curation, 2017, 2017, .	3.0	12
17	Drug-Driven Synthetic Lethality: Bypassing Tumor Cell Genetics with a Combination of AsiDNA and PARP Inhibitors. Clinical Cancer Research, 2017, 23, 1001-1011.	7.0	39
18	NaviCell Web Service for network-based data visualization. Nucleic Acids Research, 2015, 43, W560-W565.	14.5	32

#	Article	IF	Citations
19	The shortest path is not the one you know: application of biological network resources in precision oncology research. Mutagenesis, 2015, 30, 191-204.	2.6	37
20	Network-based approaches for drug response prediction and targeted therapy development in cancer. Biochemical and Biophysical Research Communications, 2015, 464, 386-391.	2.1	29
21	Network biology elucidates metastatic colon cancer mechanisms. Cell Cycle, 2015, 14, 2189-2190.	2.6	6
22	Concomitant Notch activation and p53 deletion trigger epithelial-to-mesenchymal transition and metastasis in mouse gut. Nature Communications, 2014, 5, 5005.	12.8	114
23	NaviCell: a web-based environment for navigation, curation and maintenance of large molecular interaction maps. BMC Systems Biology, 2013, 7, 100.	3.0	52
24	From a Biological Hypothesis to the Construction of a Mathematical Model. Methods in Molecular Biology, 2013, 1021, 107-125.	0.9	9
25	Synthetic Lethality between Gene Defects Affecting a Single Non-essential Molecular Pathway with Reversible Steps. PLoS Computational Biology, 2013, 9, e1003016.	3.2	26
26	Neurotoxicity of Alzheimer's disease AÎ² peptides is induced by small changes in the AÎ²42 to AÎ²40 ratio. EMBO Journal, 2010, 29, 3408-3420.	7.8	455
27	Lipids revert inert AÎ² amyloid fibrils to neurotoxic protofibrils that affect learning in mice. EMBO Journal, 2008, 27, 224-233.	7.8	303