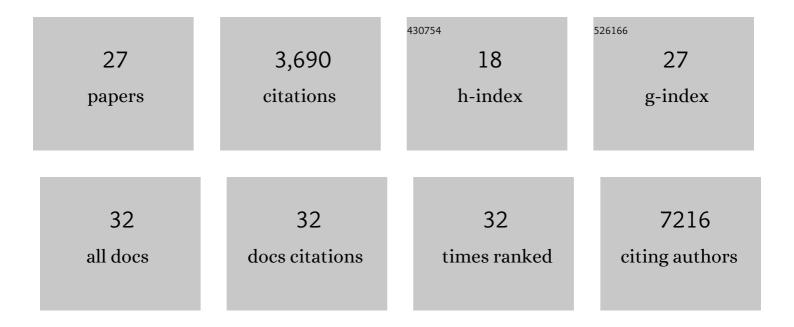
Inna Kuperstein

List of Publications by Year in descending order

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#	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	Gene―and pathwayâ€level analyses of iCOGS variants highlight novel signaling pathways underlying familial breast cancer susceptibility. International Journal of Cancer, 2021, 148, 1895-1909.	2.3	5
3	COVID19 Disease Map, a computational knowledge repository of virus–host interaction mechanisms. Molecular Systems Biology, 2021, 17, e10387.	3.2	53
4	COVID-19 Disease Map, building a computational repository of SARS-CoV-2 virus-host interaction mechanisms. Scientific Data, 2020, 7, 136.	2.4	99
5	Comprehensive Map of the Regulated Cell Death Signaling Network: A Powerful Analytical Tool for Studying Diseases. Cancers, 2020, 12, 990.	1.7	5
6	A multiscale signalling network map of innate immune response in cancer reveals cell heterogeneity signatures. Nature Communications, 2019, 10, 4808.	5.8	44
7	The Phosphatase PRL-3 Is Involved in Key Steps of Cancer Metastasis. Journal of Molecular Biology, 2019, 431, 3056-3067.	2.0	21
8	Metabolic and signalling network maps integration: application to cross-talk studies and omics data analysis in cancer. BMC Bioinformatics, 2019, 20, 140.	1.2	10
9	Creation and analysis of biochemical constraint-based models using the COBRA Toolbox v.3.0. Nature Protocols, 2019, 14, 639-702.	5.5	833
10	The Virtual Metabolic Human database: integrating human and gut microbiome metabolism with nutrition and disease. Nucleic Acids Research, 2019, 47, D614-D624.	6.5	257
11	Community-driven roadmap for integrated disease maps. Briefings in Bioinformatics, 2019, 20, 659-670.	3.2	48
12	Application of Atlas of Cancer Signalling Network in preclinical studies. Briefings in Bioinformatics, 2019, 20, 701-716.	3.2	16
13	Fibroblast Heterogeneity and Immunosuppressive Environment in Human Breast Cancer. Cancer Cell, 2018, 33, 463-479.e10.	7.7	1,074
14	Signalling maps in cancer research: construction and data analysis. Database: the Journal of Biological Databases and Curation, 2018, 2018, .	1.4	13
15	Systems medicine disease maps: community-driven comprehensive representation of disease mechanisms. Npj Systems Biology and Applications, 2018, 4, 21.	1.4	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, .	1.4	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.	3.2	39
18	NaviCell Web Service for network-based data visualization. Nucleic Acids Research, 2015, 43, W560-W565.	6.5	32

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#	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.	1.0	37
20	Network-based approaches for drug response prediction and targeted therapy development in cancer. Biochemical and Biophysical Research Communications, 2015, 464, 386-391.	1.0	29
21	Network biology elucidates metastatic colon cancer mechanisms. Cell Cycle, 2015, 14, 2189-2190.	1.3	6
22	Concomitant Notch activation and p53 deletion trigger epithelial-to-mesenchymal transition and metastasis in mouse gut. Nature Communications, 2014, 5, 5005.	5.8	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.	0.4	9
25	Synthetic Lethality between Gene Defects Affecting a Single Non-essential Molecular Pathway with Reversible Steps. PLoS Computational Biology, 2013, 9, e1003016.	1.5	26
26	Neurotoxicity of Alzheimer's disease Aβ peptides is induced by small changes in the Aβ42 to Aβ40 ratio. EMBO Journal, 2010, 29, 3408-3420.	3.5	455
27	Lipids revert inert AÎ ² amyloid fibrils to neurotoxic protofibrils that affect learning in mice. EMBO Journal, 2008, 27, 224-233.	3.5	303