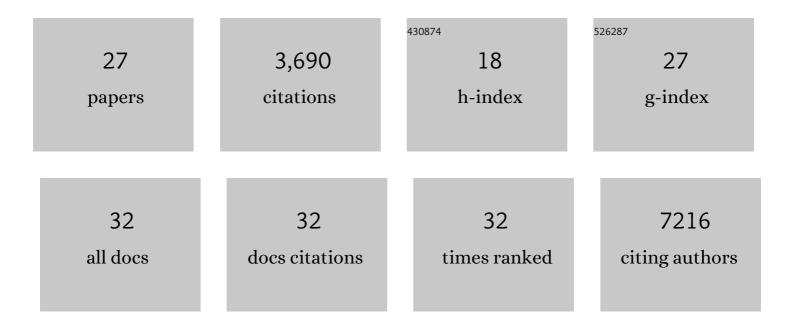
Inna Kuperstein

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1478964/publications.pdf Version: 2024-02-01



| # | 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. | 5.1 | 5 |
| 3 | COVID19 Disease Map, a computational knowledge repository of virus–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 |

Inna Kuperstein

| # | 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 Aβ peptides is induced by small changes in the Aβ42 to Aβ40 ratio. EMBO Journal, 2010, 29, 3408-3420. | 7.8 | 455 |
| 27 | Lipids revert inert Aβ amyloid fibrils to neurotoxic protofibrils that affect learning in mice. EMBO Journal, 2008, 27, 224-233. | 7.8 | 303 |