

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

430754

18
h-index

526166

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 | Gene- and pathway-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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | The shortest path is not the one you know: application of biological network resources in precision oncology research. <i>Mutagenesis</i> , 2015, 30, 191-204. | 1.0 | 37 |
| 20 | Network-based approaches for drug response prediction and targeted therapy development in cancer. <i>Biochemical and Biophysical Research Communications</i> , 2015, 464, 386-391. | 1.0 | 29 |
| 21 | Network biology elucidates metastatic colon cancer mechanisms. <i>Cell Cycle</i> , 2015, 14, 2189-2190. | 1.3 | 6 |
| 22 | Concomitant Notch activation and p53 deletion trigger epithelial-to-mesenchymal transition and metastasis in mouse gut. <i>Nature Communications</i> , 2014, 5, 5005. | 5.8 | 114 |
| 23 | NaviCell: a web-based environment for navigation, curation and maintenance of large molecular interaction maps. <i>BMC Systems Biology</i> , 2013, 7, 100. | 3.0 | 52 |
| 24 | From a Biological Hypothesis to the Construction of a Mathematical Model. <i>Methods in Molecular Biology</i> , 2013, 1021, 107-125. | 0.4 | 9 |
| 25 | Synthetic Lethality between Gene Defects Affecting a Single Non-essential Molecular Pathway with Reversible Steps. <i>PLoS Computational Biology</i> , 2013, 9, e1003016. | 1.5 | 26 |
| 26 | Neurotoxicity of Alzheimer's disease A β peptides is induced by small changes in the A β ²⁴² to A β ²⁴⁰ ratio. <i>EMBO Journal</i> , 2010, 29, 3408-3420. | 3.5 | 455 |
| 27 | Lipids revert inert A β amyloid fibrils to neurotoxic protofibrils that affect learning in mice. <i>EMBO Journal</i> , 2008, 27, 224-233. | 3.5 | 303 |