# Allon Wagner

## List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| 22 papers | 3,685 citations | 516710<br>16 h-index | 713466<br>21 g-index |
| 29 all docs | 29 docs citations | 29 times ranked | 7569 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | The Human Cell Atlas. ELife, 2017, 6, . | 6.0 | 1,547 |
| 2 | Revealing the vectors of cellular identity with single-cell genomics. Nature Biotechnology, 2016, 34, 1145-1160. | 17.5 | 534 |
| 3 | Glutamine synthetase activity fuels nucleotide biosynthesis and supports growth of glutamine-restricted glioblastoma. Nature Cell Biology, 2015, 17, 1556-1568. | 10.3 | 423 |
| 4 | Metabolic modeling of single Th17 cells reveals regulators of autoimmunity. Cell, 2021, 184, 4168-4185.e21. | 28.9 | 203 |
| 5 | Deconstructing Olfactory Stem Cell Trajectories at Single-Cell Resolution. Cell Stem Cell, 2017, 20, 817-830.e8. | 11.1 | 164 |
| 6 | Performance Assessment and Selection of Normalization Procedures for Single-Cell RNA-Seq. Cell Systems, 2019, 8, 315-328.e8. | 6.2 | 117 |
| 7 | Network-level architecture and the evolutionary potential of underground metabolism. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11762-11767. | 7.1 | 101 |
| 8 | Dead Sea pollen record and history of human activity in the Judean Highlands (Israel) from the Intermediate Bronze into the Iron Ages (â¼2500â€"500 BCE). Palynology, 2014, 38, 280-302. | 1.5 | 83 |
| 9 | DestVI identifies continuums of cell types in spatial transcriptomics data. Nature Biotechnology, 2022, 40, 1360-1369. | 17.5 | 75 |
| 10 | Injury Activates Transient Olfactory Stem Cell States with Diverse Lineage Capacities. Cell Stem Cell, 2017, 21, 775-790.e9. | 11.1 | 67 |
| 11 | Oleic acid restores suppressive defects in tissue-resident FOXP3 Tregs from patients with multiple sclerosis. Journal of Clinical Investigation, 2021, 131, . | 8.2 | 56 |
| 12 | Drugs that reverse disease transcriptomic signatures are more effective in a mouse model of dyslipidemia. Molecular Systems Biology, 2015, 11, 791. | 7.2 | 43 |
| 13 | New Role for Interleukinâ€13 Receptor Î±1 in Myocardial Homeostasis and Heart Failure. Journal of the American Heart Association, 2017, 6, . | 3.7 | 29 |
| 14 | Genomeâ€wide prediction of synthetic rescue mediators of resistance to targeted and immunotherapy. Molecular Systems Biology, 2019, 15, e8323. | 7.2 | 25 |
| 15 | Systems-based approaches to study immunometabolism. Cellular and Molecular Immunology, 2022, 19, 409-420. | 10.5 | 25 |
| 16 | Computational evaluation of cellular metabolic costs successfully predicts genes whose expression is deleterious. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19166-19171. | 7.1 | 21 |
| 17 | The Role of Temporal Trends in Growing Networks. PLoS ONE, 2016, 11, e0156505. | 2.5 | 15 |
| 18 | T Follicular Regulatory Cellâ€"Derived Fibrinogen-like Protein 2 Regulates Production of Autoantibodies and Induction of Systemic Autoimmunity. Journal of Immunology, 2020, 205, 3247-3262. | 0.8 | 13 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Maximal Sum of Metabolic Exchange Fluxes Outperforms Biomass Yield as a Predictor of Growth Rate of Microorganisms. PLoS ONE, 2014, 9, e98372. | 2.5 | 9 |
| 20 | Data-Driven Metabolic Pathway Compositions Enhance Cancer Survival Prediction. PLoS Computational Biology, 2016, 12, e1005125. | 3.2 | 8 |
| 21 | Functional Alignment of Metabolic Networks. Journal of Computational Biology, 2016, 23, 390-399. | 1.6 | 3 |
| 22 | Functional Alignment of Metabolic Networks. Lecture Notes in Computer Science, 2015, , 243-255. | 1.3 | 0 |