Yinon M Bar-On

List of Publications by Year
in descending order

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23 papers	5,970 citations	430874 18 h-index	642732 23 g-index
38 all docs	38 docs citations	38 times ranked	9124 citing authors

#	Article	IF	Citations
1	Protection by a Fourth Dose of BNT162b2 against Omicron in Israel. New England Journal of Medicine, 2022, 386, 1712-1720.	27.0	303
2	Protection following BNT162b2 booster in adolescents substantially exceeds that of a fresh 2-dose vaccine. Nature Communications, 2022, 13, 1971.	12.8	10
3	Protection and Waning of Natural and Hybrid Immunity to SARS-CoV-2. New England Journal of Medicine, 2022, 386, 2201-2212.	27.0	276
4	The total number and mass of SARS-CoV-2 virions. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	187
5	The global ocean size spectrum from bacteria to whales. Science Advances, 2021, 7, eabh3732.	10.3	36
6	Engineering Microbes to Produce Fuel, Commodities, and Food from CO2. Cell Reports Physical Science, 2020, 1, 100223.	5.6	13
7	Global human-made mass exceeds all living biomass. Nature, 2020, 588, 442-444.	27.8	344
8	Highly active rubiscos discovered by systematic interrogation of natural sequence diversity. EMBO Journal, 2020, 39, e104081.	7.8	72
9	SARS-CoV-2 (COVID-19) by the numbers. ELife, 2020, 9, .	6.0	826
10	Revisiting Trade-offs between Rubisco Kinetic Parameters. Biochemistry, 2019, 58, 3365-3376.	2.5	142
11	Evolthon: A community endeavor to evolve lab evolution. PLoS Biology, 2019, 17, e3000182.	5.6	10
12	The global mass and average rate of rubisco. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4738-4743.	7.1	154
13	Towards a quantitative view of the global ubiquity of biofilms. Nature Reviews Microbiology, 2019, 17, 199-200.	28.6	20
14	Conversion of Escherichia coli to Generate All Biomass Carbon from CO2. Cell, 2019, 179, 1255-1263.e12.	28.9	352
15	The Biomass Composition of the Oceans: A Blueprint of Our Blue Planet. Cell, 2019, 179, 1451-1454.	28.9	67
16	The opportunity cost of animal based diets exceeds all food losses. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3804-3809.	7.1	144
17	The biomass distribution on Earth. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6506-6511.	7.1	2,102
18	The genetic basis for the adaptation of E. coli to sugar synthesis from CO2. Nature Communications, 2017, 8, 1705.	12.8	39

#	Article	IF	Citations
19	Design principles of autocatalytic cycles constrain enzyme kinetics and force low substrate saturation at flux branch points. ELife, 2017, 6, .	6.0	70
20	Opportunistic Use of Banana Flower Bracts byGlossophaga soricina. Acta Chiropterologica, 2016, 18, 209-213.	0.6	8
21	Sugar Synthesis from CO2 in Escherichia coli. Cell, 2016, 166, 115-125.	28.9	272
22	SnapShot: Timescales in Cell Biology. Cell, 2016, 164, 1302-1302.e1.	28.9	173
23	It's not black or whiteâ€"on the range of vision and echolocation in echolocating bats. Frontiers in Physiology, 2013, 4, 248.	2.8	80