

Nina M Donghia

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7576808/publications.pdf>

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13
papers

5,679
citations

840728

11
h-index

1125717

13
g-index

13
all docs

13
docs citations

13
times ranked

6717
citing authors

#	ARTICLE	IF	CITATIONS
1	Nucleic acid detection with CRISPR-Cas13a/C2c2. <i>Science</i> , 2017, 356, 438-442.	12.6	2,275
2	Rapid, Low-Cost Detection of Zika Virus Using Programmable Biomolecular Components. <i>Cell</i> , 2016, 165, 1255-1266.	28.9	1,061
3	A Deep Learning Approach to Antibiotic Discovery. <i>Cell</i> , 2020, 180, 688-702.e13.	28.9	978
4	Portable, On-Demand Biomolecular Manufacturing. <i>Cell</i> , 2016, 167, 248-259.e12.	28.9	292
5	Wearable materials with embedded synthetic biology sensors for biomolecule detection. <i>Nature Biotechnology</i> , 2021, 39, 1366-1374.	17.5	286
6	A low-cost paper-based synthetic biology platform for analyzing gut microbiota and host biomarkers. <i>Nature Communications</i> , 2018, 9, 3347.	12.8	192
7	Minimally instrumented SHERLOCK (miSHERLOCK) for CRISPR-based point-of-care diagnosis of SARS-CoV-2 and emerging variants. <i>Science Advances</i> , 2021, 7, .	10.3	189
8	Ultrasensitive CRISPR-based diagnostic for field-applicable detection of <i>Plasmodium</i> species in symptomatic and asymptomatic malaria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25722-25731.	7.1	146
9	BioBits [®] , [‡] Explorer: A modular synthetic biology education kit. <i>Science Advances</i> , 2018, 4, eaat5105.	10.3	113
10	BioBits [®] , [‡] Bright: A fluorescent synthetic biology education kit. <i>Science Advances</i> , 2018, 4, eaat5107.	10.3	90
11	An engineered live biotherapeutic for the prevention of antibiotic-induced dysbiosis. <i>Nature Biomedical Engineering</i> , 2022, 6, 910-921.	22.5	36
12	Anomalous COVID-19 tests hinder researchers. <i>Science</i> , 2021, 371, 244-245.	12.6	11
13	Laboratory-Generated DNA Can Cause Anomalous Pathogen Diagnostic Test Results. <i>Microbiology Spectrum</i> , 2021, 9, e0031321.	3.0	10