Jonathan List

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1632843/publications.pdf

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16 papers	1,712 citations	759233 12 h-index	940533 16 g-index
18 all docs	18 docs citations	18 times ranked	2103 citing authors

#	Article	IF	Citations
1	Synthetic Lipid Membrane Channels Formed by Designed DNA Nanostructures. Science, 2012, 338, 932-936.	12.6	659
2	A self-assembled nanoscale robotic arm controlled by electric fields. Science, 2018, 359, 296-301.	12.6	306
3	Membrane-Assisted Growth of DNA Origami Nanostructure Arrays. ACS Nano, 2015, 9, 3530-3539.	14.6	151
4	DNA Nanostructures Interacting with Lipid Bilayer Membranes. Accounts of Chemical Research, 2014, 47, 1807-1815.	15.6	142
5	Long-range movement of large mechanically interlocked DNA nanostructures. Nature Communications, 2016, 7, 12414.	12.8	98
6	Hydrophobic Actuation of a DNA Origami Bilayer Structure. Angewandte Chemie - International Edition, 2014, 53, 4236-4239.	13.8	97
7	Complete aggregation pathway of amyloid Î² (1-40) and (1-42) resolved on an atomically clean interface. Science Advances, 2020, 6, eaaz6014.	10.3	88
8	Nanoporeâ€Based, Rapid Characterization of Individual Amyloid Particles in Solution: Concepts, Challenges, and Prospects. Small, 2018, 14, e1802412.	10.0	53
9	Self-Assembled Active Plasmonic Waveguide with a Peptide-Based Thermomechanical Switch. ACS Nano, 2016, 10, 11377-11384.	14.6	40
10	Enhanced Efficiency of an Enzyme Cascade on DNA-Activated Silica Surfaces. Langmuir, 2018, 34, 14780-14786.	3.5	20
11	Tuning the Diameter, Stability, and Membrane Affinity of Peptide Pores by DNA-Programmed Self-Assembly. ACS Nano, 2021, 15, 11263-11275.	14.6	17
12	Detection of HER2⁺ Breast Cancer Cells using Bioinspired DNAâ€Based Signal Amplification. ChemMedChem, 2020, 15, 661-666.	3.2	14
13	Emergence of Colloidal Patterns in ac Electric Fields. Physical Review Letters, 2022, 128, 058002.	7.8	11
14	Synthetic Lipid Membrane Channels formed by Designed DNA Nanostructures. Biophysical Journal, 2013, 104, 545a.	0.5	4
15	A Bio-Inspired Amplification Cascade for the Detection of Rare Cancer Cells. Chimia, 2019, 73, 63-68.	0.6	2
16	Real Time Actuation of a DNA Based Robotic Arm. Biophysical Journal, 2018, 114, 693a.	0.5	0