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