

Kevin N Baumann

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/293536/publications.pdf>

Version: 2024-02-01

11
papers

264
citations

1307594

7
h-index

1281871

11
g-index

17
all docs

17
docs citations

17
times ranked

435
citing authors

#	ARTICLE	IF	CITATIONS
1	A synthetic enzyme built from DNA flips 107 lipids per second in biological membranes. <i>Nature Communications</i> , 2018, 9, 2426.	12.8	101
2	Modulating the Mechanical Performance of Macroscale Fibers through Shear-Induced Alignment and Assembly of Protein Nanofibrils. <i>Small</i> , 2020, 16, e1904190.	10.0	39
3	Coating and Stabilization of Liposomes by Clathrin-Inspired DNA Self-Assembly. <i>ACS Nano</i> , 2020, 14, 2316-2323.	14.6	38
4	Complexity in Lipid Membrane Composition Induces Resilience to $\text{A}\beta_{42}$ Aggregation. <i>ACS Chemical Neuroscience</i> , 2020, 11, 1347-1352.	3.5	22
5	Distance dependent photoacoustics revealed through DNA nanostructures. <i>Nanoscale</i> , 2017, 9, 16193-16199.	5.6	15
6	Continuous Flow Reactors from Microfluidic Compartmentalization of Enzymes within Inorganic Microparticles. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 32951-32960.	8.0	15
7	One-Step Generation of Multisomes from Lipid-Stabilized Double Emulsions. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 6739-6747.	8.0	10
8	Deformable and Robust Core-Shell Protein Microcapsules Templated by Liquid-Liquid Phase-Separated Microdroplets. <i>Advanced Materials Interfaces</i> , 2021, 8, 2101071.	3.7	8
9	An active DNA-based nanoprobe for photoacoustic pH imaging. <i>Chemical Communications</i> , 2018, 54, 10176-10178.	4.1	6
10	DNA-Based Nanocarriers to Enhance the Photoacoustic Contrast of Tumors In Vivo. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001739.	7.6	5
11	DNA-Liposome Hybrid Carriers for Triggered Cargo Release. <i>ACS Applied Bio Materials</i> , 2022, 5, 3713-3721.	4.6	5