

Janane F Rahbani

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

468
citations

1040056

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1199594

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docs citations

13
times ranked

693
citing authors

#	ARTICLE	IF	CITATIONS
1	Ablation of adipocyte creatine transport impairs thermogenesis and causes diet-induced obesity. <i>Nature Metabolism</i> , 2019, 1, 360-370.	11.9	103
2	Creatine kinase B controls futile creatine cycling in thermogenic fat. <i>Nature</i> , 2021, 590, 480-485.	27.8	102
3	Mitochondrial TNAP controls thermogenesis by hydrolysis of phosphocreatine. <i>Nature</i> , 2021, 593, 580-585.	27.8	64
4	Dynamic DNA Nanotubes: Reversible Switching between Single and Double-Stranded Forms, and Effect of Base Deletions. <i>ACS Nano</i> , 2015, 9, 11898-11908.	14.6	43
5	Sequential growth of long DNA strands with user-defined patterns for nanostructures and scaffolds. <i>Nature Communications</i> , 2015, 6, 7065.	12.8	38
6	Kinetics and mechanism of ionic intercalation/de-intercalation during the formation of Li^+ -cobalt hydroxide and its polymorphic transition to Li^{2+} -cobalt hydroxide: reaction-diffusion framework. <i>Journal of Materials Chemistry</i> , 2012, 22, 16361.	6.7	34
7	Encapsulation of Gold Nanoparticles into DNA Minimal Cages for 3D Anisotropic Functionalization and Assembly. <i>Small</i> , 2018, 14, 1702660.	10.0	26
8	DNA Nanotubes with Hydrophobic Environments: Toward New Platforms for Guest Encapsulation and Cellular Delivery. <i>Advanced Healthcare Materials</i> , 2018, 7, 1701049.	7.6	21
9	Kinetics of Strand Displacement and Hybridization on Wireframe DNA Nanostructures: Dissecting the Roles of Size, Morphology, and Rigidity. <i>ACS Nano</i> , 2018, 12, 12836-12846.	14.6	13
10	Creatine transport and creatine kinase activity is required for CD8+ T cell immunity. <i>Cell Reports</i> , 2022, 38, 110446.	6.4	11
11	Single-stranded templates as railroad tracks for hierarchical assembly of DNA origami. <i>Nanoscale</i> , 2018, 10, 13994-13999.	5.6	8
12	Measurement of Futile Creatine Cycling Using Respirometry. <i>Methods in Molecular Biology</i> , 2022, 2448, 141-153.	0.9	3