

# Karina M M Carneiro

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3223766/publications.pdf>

Version: 2024-02-01

22  
papers

1,166  
citations

567281

15  
h-index

677142

22  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1377  
citing authors

#	ARTICLE	IF	CITATIONS
1	Site-specific positioning of dendritic alkyl chains on DNA cages enables their geometry-dependent self-assembly. <i>Nature Chemistry</i> , 2013, 5, 868-875.	13.6	192
2	Rolling Circle Amplification-Templated DNA Nanotubes Show Increased Stability and Cell Penetration Ability. <i>Journal of the American Chemical Society</i> , 2012, 134, 2888-2891.	13.7	187
3	An Efficient and Modular Route to Sequence-Defined Polymers Appended to DNA. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4567-4571.	13.8	127
4	Precision Polymers and 3D DNA Nanostructures: Emergent Assemblies from New Parameter Space. <i>Journal of the American Chemical Society</i> , 2014, 136, 15767-15774.	13.7	94
5	Three-Dimensional Organization of Block Copolymers on "DNA-Minimal" Scaffolds. <i>Journal of the American Chemical Society</i> , 2012, 134, 4280-4286.	13.7	78
6	Amyloid-like ribbons of amelogenins in enamel mineralization. <i>Scientific Reports</i> , 2016, 6, 23105.	3.3	73
7	Long-Range Assembly of DNA into Nanofibers and Highly Ordered Networks Using a Block Copolymer Approach. <i>Journal of the American Chemical Society</i> , 2010, 132, 679-685.	13.7	70
8	Sequence-responsive unzipping DNA cubes with tunable cellular uptake profiles. <i>Chemical Science</i> , 2014, 5, 2449-2455.	7.4	67
9	Stimuli-responsive organization of block copolymers on DNA nanotubes. <i>Chemical Science</i> , 2012, 3, 1980.	7.4	55
10	Simple Design for DNA Nanotubes from a Minimal Set of Unmodified Strands: Rapid, Room-Temperature Assembly and Readily Tunable Structure. <i>ACS Nano</i> , 2013, 7, 3022-3028.	14.6	48
11	DNA nanostructures as templates for biomineralization. <i>Nature Reviews Chemistry</i> , 2021, 5, 93-108.	30.2	46
12	Repair of dentin defects from DSPP knockout mice by PILP mineralization. <i>Journal of Materials Research</i> , 2016, 31, 321-327.	2.6	23
13	Functionalized DNA nanostructures as scaffolds for guided mineralization. <i>Chemical Science</i> , 2019, 10, 10537-10542.	7.4	23
14	Long-range assembly of DNA into nanofibers and highly ordered networks. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2013, 5, 266-285.	6.1	16
15	Cooperative roles of PAK1 and filamin A in regulation of vimentin assembly and cell extension formation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020, 1867, 118739.	4.1	16
16	The role of protease inhibitors on the remineralization of demineralized dentin using the PILP method. <i>PLoS ONE</i> , 2017, 12, e0188277.	2.5	13
17	Peptide-Decorated DNA Nanostructures Promote Site-Specific Hydroxyapatite Growth. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 1692-1698.	8.0	7
18	DDR1 associates with TRPV4 in cell-matrix adhesions to enable calcium-regulated myosin activity and collagen compaction. <i>Journal of Cellular Physiology</i> , 2022, 237, 2451-2468.	4.1	6

#	ARTICLE	IF	CITATIONS
19	Uniaxial Hydroxyapatite Growth on a Self-Assembled Protein Scaffold. International Journal of Molecular Sciences, 2021, 22, 12343.	4.1	3
20	Hydroxyapatite Growth on Amelogenin- $\alpha$ Amelotin Recombinamers. ChemNanoMat, 2021, 7, 851-857.	2.8	1
21	Titelbild: An Efficient and Modular Route to Sequence-Defined Polymers Appended to DNA (Angew.) Tj ETQq1 1 0.784314 rgBT /Overl	2.0	0
22	Abstract 13262: Improved Rabbit Model of Calcific Aortic Valve Disease Induces Severe Medial Calcification and Stenosis Equivalent to Human Disease. Circulation, 2021, 144, .	1.6	0