

# Kornelia Galior

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11744712/publications.pdf>

Version: 2024-02-01

16  
papers

1,129  
citations

623734

14  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1682  
citing authors

#	ARTICLE	IF	CITATIONS
1	Forces during cellular uptake of viruses and nanoparticles at the ventral side. <i>Nature Communications</i> , 2020, 11, 32.	12.8	35
2	Light-Responsive Polymer Particles as Force Clamps for the Mechanical Unfolding of Target Molecules. <i>Nano Letters</i> , 2018, 18, 2630-2636.	9.1	16
3	10 years of 25-hydroxyvitamin-D testing by LC-MS/MS-trends in vitamin-D deficiency and sufficiency. <i>Bone Reports</i> , 2018, 8, 268-273.	0.4	45
4	Development of Vitamin D Toxicity from Overcorrection of Vitamin D Deficiency: A Review of Case Reports. <i>Nutrients</i> , 2018, 10, 953.	4.1	111
5	Molecular Tension Probes to Investigate the Mechanopharmacology of Single Cells: A Step toward Personalized Mechanomedicine. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800069.	7.6	17
6	Molecular Tension Probes for Imaging Forces at the Cell Surface. <i>Accounts of Chemical Research</i> , 2017, 50, 2915-2924.	15.6	127
7	Exercise Increases and Browns Muscle Lipid in High-Fat Diet-Fed Mice. <i>Frontiers in Endocrinology</i> , 2016, 7, 80.	3.5	26
8	DNA-based nanoparticle tension sensors reveal that T-cell receptors transmit defined pN forces to their antigens for enhanced fidelity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5610-5615.	7.1	256
9	Mechanically Induced Catalytic Amplification Reaction for Readout of Receptor-Mediated Cellular Forces. <i>Angewandte Chemie</i> , 2016, 128, 5578-5582.	2.0	8
10	Mechanically Induced Catalytic Amplification Reaction for Readout of Receptor-Mediated Cellular Forces. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5488-5492.	13.8	36
11	Titin-Based Nanoparticle Tension Sensors Map High-Magnitude Integrin Forces within Focal Adhesions. <i>Nano Letters</i> , 2016, 16, 341-348.	9.1	79
12	A General Approach for Generating Fluorescent Probes to Visualize Piconewton Forces at the Cell Surface. <i>Journal of the American Chemical Society</i> , 2016, 138, 2901-2904.	13.7	44
13	Exercise Regulation of Marrow Fat in the Setting of PPAR $\gamma$ Agonist Treatment in Female C57BL/6 Mice. <i>Endocrinology</i> , 2015, 156, 2753-2761.	2.8	52
14	Nanoparticle Tension Probes Patterned at the Nanoscale: Impact of Integrin Clustering on Force Transmission. <i>Nano Letters</i> , 2014, 14, 5539-5546.	9.1	124
15	Bone marrow fat accumulation accelerated by high fat diet is suppressed by exercise. <i>Bone</i> , 2014, 64, 39-46.	2.9	124
16	Mechanical Strain Downregulates C/EBP $\beta$ in MSC and Decreases Endoplasmic Reticulum Stress. <i>PLoS ONE</i> , 2012, 7, e51613.	2.5	29