

# Jieung Baek

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/259376/publications.pdf>

Version: 2024-02-01

15  
papers

442  
citations

933447

10  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

692  
citing authors

#	ARTICLE	IF	CITATIONS
1	Springtail-inspired superomniphobic surface with extreme pressure resistance. <i>Science Advances</i> , 2018, 4, eaat4978.	10.3	112
2	Initiated Chemical Vapor Deposition: A Versatile Tool for Various Device Applications. <i>Advanced Engineering Materials</i> , 2018, 20, 1700622.	3.5	93
3	A Surface Tailoring Method of Ultrathin Polymer Gate Dielectrics for Organic Transistors: Improved Device Performance and the Thermal Stability Thereof. <i>Advanced Functional Materials</i> , 2015, 25, 4462-4469.	14.9	56
4	Distinct Mechanosensing of Human Neural Stem Cells on Extremely Limited Anisotropic Cellular Contact. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 33891-33900.	8.0	31
5	A Surface Tailoring Method for Rapid Non-Thermosensitive Cell Sheet Engineering via Functional Polymer Coatings. <i>Advanced Materials</i> , 2020, 32, e1907225.	21.0	31
6	Application of Monodirectional Janus Patch to Oromucosal Delivery System. <i>Advanced Healthcare Materials</i> , 2015, 4, 2229-2236.	7.6	21
7	Polymer Thin Film-Induced Tumor Spheroids Acquire Cancer Stem Cell-like Properties. <i>Cancer Research</i> , 2018, 78, 6890-6902.	0.9	20
8	<i>Egr1</i> is a 3D matrix-specific mediator of mechanosensitive stem cell lineage commitment. <i>Science Advances</i> , 2022, 8, eabm4646.	10.3	20
9	Facile Fabrication of High-Definition Hierarchical Wrinkle Structures for Investigating the Geometry-Sensitive Fate Commitment of Human Neural Stem Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 17247-17255.	8.0	19
10	Polymer Thin Films with Tunable Acetylcholine-like Functionality Enable Long-Term Culture of Primary Hippocampal Neurons. <i>ACS Nano</i> , 2016, 10, 9909-9918.	14.6	14
11	Tuning the electrode work function via a vapor-phase deposited ultrathin polymer film. <i>Journal of Materials Chemistry C</i> , 2016, 4, 831-839.	5.5	9
12	Polymer-Coated Surface as an Enzyme-Free Culture Platform to Improve Human Mesenchymal Stem Cell (hMSC) Characteristics in Extended Passaging. <i>ACS Applied Bio Materials</i> , 2020, 3, 7654-7665.	4.6	7
13	Heparin-mediated electrostatic immobilization of bFGF via functional polymer films for enhanced self-renewal of human neural stem cells. <i>Journal of Materials Chemistry B</i> , 2021, 9, 2084-2091.	5.8	4
14	CL6mN: Rationally Designed Optogenetic Photoswitches with Tunable Dissociation Dynamics. <i>ACS Synthetic Biology</i> , 2020, 9, 2274-2281.	3.8	3
15	A Conformal Vapor-Phase Deposition of Poly(2-(perfluorohexyl)ethyl methacrylate) and the Hydrophobic Properties Thereof. <i>Nanoscience and Nanotechnology Letters</i> , 2015, 7, 45-49.	0.4	2