

# Javeed Mohammed

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

635  
citations

933447

10  
h-index

580821

25  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1055  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microfluidic device for multimodal characterization of pancreatic islets. Lab on A Chip, 2009, 9, 97-106.	6.0	114
2	Bioinspired Design of Dynamic Materials. Advanced Materials, 2009, 21, 2361-2374.	21.0	105
3	Applications of 3D printing technologies in oceanography. Methods in Oceanography, 2016, 17, 97-117.	1.6	81
4	Micropatterning of Nanoengineered Surfaces to Study Neuronal Cell Attachment in Vitro. Biomacromolecules, 2004, 5, 1745-1755.	5.4	67
5	Microfluidic perfusion and imaging device for multi-parametric islet function assessment. Biomedical Microdevices, 2010, 12, 409-417.	2.8	64
6	Fabrication of Interdigitated Micropatterns of Self-Assembled Polymer Nanofilms Containing Cell-Adhesive Materials. Langmuir, 2006, 22, 2738-2746.	3.5	37
7	Modulating growth factor release from hydrogels via a protein conformational change. Soft Matter, 2009, 5, 2399.	2.7	37
8	Microfluidic add-on for standard electrophysiology chambers. Lab on A Chip, 2008, 8, 1048.	6.0	32
9	Rapid prototyping for neuroscience and neural engineering. Journal of Neuroscience Methods, 2008, 172, 263-269.	2.5	25
10	Micro- and nanotechnologies in plankton research. Progress in Oceanography, 2015, 134, 451-473.	3.2	13
11	Design journey of an affordable manual standing wheelchair. Disability and Rehabilitation: Assistive Technology, 2023, 18, 553-563.	2.2	8
12	Polymer/Colloid Surface Micromachining: Micropatterning of Hybrid Multilayers. Langmuir, 2008, 24, 13796-13803.	3.5	7
13	Antibacterial evaluation of activated carbon cloth with Ag <sup>+</sup> impregnated with ZnO nanoparticles. Research Journal of Textile and Apparel, 2019, 23, 232-243.	1.1	7
14	Proof-of-concept of a stair-climbing add-on device for wheelchairs. Medical Engineering and Physics, 2020, 85, 75-86.	1.7	6
15	Modeling and Simulation of Two Wheelchair Accessories for Pushing Doors. Assistive Technology, 2018, 30, 165-175.	2.0	5
16	Brain Slice Stimulation Using a Microfluidic Network and Standard Perfusion Chamber. Journal of Visualized Experiments, 2007, , 302.	0.3	4
17	Chondrocyte Behavior on Micropatterns Fabricated Using Layer-by-Layer Lift-Off: Morphological Analysis. Journal of Medical Engineering, 2013, 2013, 1-12.	1.1	4
18	Cell adhesion testing using novel testbeds containing micropatterns of complex nanoengineered multilayer films. , 2004, 2004, 2671-4.		3

#	ARTICLE	IF	CITATIONS
19	Validation of wearable inertial sensor-based gait analysis system for measurement of spatiotemporal parameters and lower extremity joint kinematics in sagittal plane. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2022, 236, 686-696.	1.8	3
20	Growth and behaviour of bovine articular chondrocytes on nanoengineered surfaces: Part I. International Journal of Nanotechnology, 2011, 8, 679.	0.2	2
21	FACTORS INFLUENCING FACE MASK SELECTION AND DESIGN SPECIFICATIONS: RESULTS FROM PILOT STUDY AMONGST MALAYSIAN UMRAH PILGRIMS. Jurnal Teknologi (Sciences and Engineering), 2017, 79, .	0.4	2
22	Low-cost low-tech obstacle pushing/gliding wheelchair accessory. Disability and Rehabilitation: Assistive Technology, 2019, 14, 849-858.	2.2	2
23	A self-aligning end-effector robot for individual joint training of the human arm. Journal of Rehabilitation and Assistive Technologies Engineering, 2021, 8, 205566832110198.	0.9	2
24	Bulk micromachining of a MEMS tunable Fabry-Perot interferometer: effect of residual silicon on device performance. Journal of Micro/ Nanolithography, MEMS, and MOEMS, 2004, 3, 579.	0.9	1
25	Supported Nanocomposite Membranes: Bridging Microtechnology with Nanotechnology. Journal of Nanoscience and Nanotechnology, 2009, 9, 2965-2969.	0.9	1
26	In vitro evaluation of chondrosarcoma cells and canine chondrocytes on layer-by-layer (LbL) self-assembled multilayer nanofilms. Biofabrication, 2013, 5, 015004.	7.1	1
27	Design of a low-cost, reconfigurable, standing wheelchair with easy and stable sit-stand-sit transition capability. Disability and Rehabilitation: Assistive Technology, 2023, 18, 1056-1065.	2.2	1
28	User experience study of an affordable manual standing wheelchair. Disability and Rehabilitation: Assistive Technology, 2023, 18, 1536-1543.	2.2	1
29	Integrated micro-/nanofabrication of cell culture scaffolds with selective cell adhesion and fluorescent indicators. , 2004, , .		0
30	Lithography Combined with Multilayer Nanoassembly: Versatile Approach to Fabricate Nanocomposite Micropatterns for Biointerfaces. , 0, , .		0
31	REAL-TIME COMPREHENSIVE HUMAN ISLET ASSESSMENT IN VITRO USING FLUORESCENCE IMAGING AND MICROFLUIDIC PERIFUSION SYSTEM. Transplantation, 2008, 86, 269.	1.0	0
32	BEHAVIOR OF ARTICULAR CHONDROCYTES ON NANOENGINEERED SURFACES. Nano LIFE, 2013, 03, 1342001.	0.9	0
33	Bioinspired dynamic microcapsules. Soft Matter, 2018, 14, 124-131.	2.7	0
34	CHARACTERIZATION OF CaCO <sub>3</sub> MICROSPHERES FABRICATED USING DISTILLED WATER. Malaysian Journal of Analytical Sciences, 2016, 20, 423-435.	0.1	0