

Javeed Mohammed

List of Publications by Year in descending order

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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	Design journey of an affordable manual standing wheelchair. Disability and Rehabilitation: Assistive Technology, 2023, 18, 553-563.	2.2	8
2	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
3	User experience study of an affordable manual standing wheelchair. Disability and Rehabilitation: Assistive Technology, 2023, 18, 1536-1543.	2.2	1
4	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
5	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
6	Proof-of-concept of a stair-climbing add-on device for wheelchairs. Medical Engineering and Physics, 2020, 85, 75-86.	1.7	6
7	Antibacterial evaluation of activated carbon cloth with Ag ⁺ impregnated with ZnO nanoparticles. Research Journal of Textile and Apparel, 2019, 23, 232-243.	1.1	7
8	Low-cost low-tech obstacle pushing/gliding wheelchair accessory. Disability and Rehabilitation: Assistive Technology, 2019, 14, 849-858.	2.2	2
9	Modeling and Simulation of Two Wheelchair Accessories for Pushing Doors. Assistive Technology, 2018, 30, 165-175.	2.0	5
10	Bioinspired dynamic microcapsules. Soft Matter, 2018, 14, 124-131.	2.7	0
11	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
12	Applications of 3D printing technologies in oceanography. Methods in Oceanography, 2016, 17, 97-117.	1.6	81
13	CHARACTERIZATION OF CaCO ₃ MICROSPHERES FABRICATED USING DISTILLED WATER. Malaysian Journal of Analytical Sciences, 2016, 20, 423-435.	0.1	0
14	Micro- and nanotechnologies in plankton research. Progress in Oceanography, 2015, 134, 451-473.	3.2	13
15	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
16	BEHAVIOR OF ARTICULAR CHONDROCYTES ON NANOENGINEERED SURFACES. Nano LIFE, 2013, 03, 1342001.	0.9	0
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	Growth and behaviour of bovine articular chondrocytes on nanoengineered surfaces: Part I. International Journal of Nanotechnology, 2011, 8, 679.	0.2	2

#	ARTICLE	IF	CITATIONS
19	Microfluidic perfusion and imaging device for multi-parametric islet function assessment. <i>Biomedical Microdevices</i> , 2010, 12, 409-417.	2.8	64
20	Bioinspired Design of Dynamic Materials. <i>Advanced Materials</i> , 2009, 21, 2361-2374.	21.0	105
21	Microfluidic device for multimodal characterization of pancreatic islets. <i>Lab on A Chip</i> , 2009, 9, 97-106.	6.0	114
22	Modulating growth factor release from hydrogels via a protein conformational change. <i>Soft Matter</i> , 2009, 5, 2399.	2.7	37
23	Supported Nanocomposite Membranes: Bridging Microtechnology with Nanotechnology. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 2965-2969.	0.9	1
24	Rapid prototyping for neuroscience and neural engineering. <i>Journal of Neuroscience Methods</i> , 2008, 172, 263-269.	2.5	25
25	Polymer/Colloid Surface Micromachining: Micropatterning of Hybrid Multilayers. <i>Langmuir</i> , 2008, 24, 13796-13803.	3.5	7
26	Microfluidic add-on for standard electrophysiology chambers. <i>Lab on A Chip</i> , 2008, 8, 1048.	6.0	32
27	REAL-TIME COMPREHENSIVE HUMAN ISLET ASSESSMENT IN VITRO USING FLUORESCENCE IMAGING AND MICROFLUIDIC PERFUSION SYSTEM. <i>Transplantation</i> , 2008, 86, 269.	1.0	0
28	Brain Slice Stimulation Using a Microfluidic Network and Standard Perfusion Chamber. <i>Journal of Visualized Experiments</i> , 2007, , 302.	0.3	4
29	Fabrication of Interdigitated Micropatterns of Self-Assembled Polymer Nanofilms Containing Cell-Adhesive Materials. <i>Langmuir</i> , 2006, 22, 2738-2746.	3.5	37
30	Cell adhesion testing using novel testbeds containing micropatterns of complex nanoengineered multilayer films. , 2004, 2004, 2671-4.		3
31	Bulk micromachining of a MEMS tunable Fabry-Perot interferometer: effect of residual silicon on device performance. <i>Journal of Micro/ Nanolithography, MEMS, and MOEMS</i> , 2004, 3, 579.	0.9	1
32	Micropatterning of Nanoengineered Surfaces to Study Neuronal Cell Attachment in Vitro. <i>Biomacromolecules</i> , 2004, 5, 1745-1755.	5.4	67
33	Integrated micro-/nanofabrication of cell culture scaffolds with selective cell adhesion and fluorescent indicators. , 2004, , .		0
34	Lithography Combined with Multilayer Nanoassembly: Versatile Approach to Fabricate Nanocomposite Micropatterns for Biointerfaces. , 0, , .		0