

Rashid Amin

List of Publications by Year in descending order

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papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Biopolymeric Composite Materials for Tissue Engineering and Regenerative Medicines: A Review. <i>Molecules</i> , 2021, 26, 619.	3.8	48
2	Synthesis and Characterization of Silver-Coated Polymeric Scaffolds for Bone Tissue Engineering: Antibacterial and In Vitro Evaluation of Cytotoxicity and Biocompatibility. <i>ACS Omega</i> , 2021, 6, 4335-4346.	3.5	44
3	Waste to health: A review of waste derived materials for tissue engineering. <i>Journal of Cleaner Production</i> , 2021, 290, 125792.	9.3	38
4	Development of Biopolymeric Hybrid Scaffold-Based on AAc/GO/nHAp/TiO ₂ Nanocomposite for Bone Tissue Engineering: In-Vitro Analysis. <i>Nanomaterials</i> , 2021, 11, 1319.	4.1	37
5	Antibacterial and Hemocompatible pH-Responsive Hydrogel for Skin Wound Healing Application: In Vitro Drug Release. <i>Polymers</i> , 2021, 13, 3703.	4.5	44
6	Development and <i>in vitro</i> evaluation of $\hat{\rho}$ -carrageenan based polymeric hybrid nanocomposite scaffolds for bone tissue engineering. <i>RSC Advances</i> , 2020, 10, 40529-40542.	3.6	47
7	Development of Polymeric Nanocomposite (Xyloglucan-co-Methacrylic Acid/Hydroxyapatite/SiO ₂) Scaffold for Bone Tissue Engineering Applications—In-Vitro Antibacterial, Cytotoxicity and Cell Culture Evaluation. <i>Polymers</i> , 2020, 12, 1238.	4.5	33
8	Synthesis of Silver-Coated Bioactive Nanocomposite Scaffolds Based on Grafted Beta-Glucan/Hydroxyapatite via Freeze-Drying Method: Anti-Microbial and Biocompatibility Evaluation for Bone Tissue Engineering. <i>Materials</i> , 2020, 13, 971.	2.9	46
9	Growth and Detachment of 5 Helix DNA Ribbons. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 4126-4130.	0.9	0
10	Coverage percentage and raman measurement of cross-tile and scaffold cross-tile based DNA nanostructures. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 135, 677-681.	5.0	6
11	DNA nanotechnology: a future perspective. <i>Nanoscale Research Letters</i> , 2013, 8, 119.	5.7	54
12	Graphene based fiber optic surface plasmon resonance for bio-chemical sensor applications. <i>Sensors and Actuators B: Chemical</i> , 2013, 187, 426-433.	7.8	123
13	Phenolic acid content, antioxidant properties, and antibacterial potential of flowers and fruits from selected Pakistani indigenous medicinal plants. <i>ScienceAsia</i> , 2013, 39, 340.	0.5	8
14	Quantitative analysis of molecular-level DNA crystal growth on a 2D surface. <i>Scientific Reports</i> , 2013, 3, 2115.	3.3	24
15	Evaluation of Multi-Layered Graphene Surface Plasmon Resonance-Based Transmission Type Fiber Optic Sensor. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 5381-5385.	0.9	9
16	A Novel Method for Large Area Graphene Transfer on the Polymer Optical Fiber. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 3918-3921.	0.9	3
17	Graphene-Based Waveguides: Novel Method for Detecting Biological Activity. <i>Applied Biochemistry and Biotechnology</i> , 2012, 167, 1069-1075.	2.9	15
18	The label free DNA sensor using a silicon nanowire array. <i>Journal of Biotechnology</i> , 2012, 160, 91-96.	3.8	25

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19	The restoration of DNA structures by the dry-wet method. <i>Soft Matter</i> , 2012, 8, 619-622.	2.7	6
20	Fabrication of zigzag and folded DNA nanostructures by an angle control scheme. <i>Soft Matter</i> , 2012, 8, 44-47.	2.7	8
21	Size-Controllable DNA Rings with Copper-Ion Modification. <i>Small</i> , 2012, 8, 374-377.	10.0	22
22	NMR Studies of Artificial Double-Crossover DNA Tiles. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 2300-2310.	0.9	0
23	Photoresistivity and optical switching of graphene with DNA lattices. <i>Current Applied Physics</i> , 2012, 12, 623-627.	2.4	4
24	Electrophoretic deposition of PVA coated hydroxyapatite on 316L stainless steel. <i>Current Applied Physics</i> , 2012, 12, 755-759.	2.4	38
25	DNA thin film coated optical fiber biosensor. <i>Current Applied Physics</i> , 2012, 12, 841-845.	2.4	18
26	Growth and restoration of a T-tile-based 1D DNA nanotrack. <i>Chemical Communications</i> , 2011, 47, 11053.	4.1	17
27	NANOBIOTECHNOLOGY: AN INTERFACE BETWEEN NANOTECHNOLOGY AND BIOTECHNOLOGY. <i>Nano</i> , 2011, 06, 101-111.	1.0	30
28	A two-dimensional DNA lattice implanted polymer solar cell. <i>Nanotechnology</i> , 2011, 22, 375202.	2.6	35
29	Artificial DNA Lattice Fabrication by Noncomplementarity and Geometrical Incompatibility. <i>ACS Nano</i> , 2011, 5, 5175-5179.	14.6	8
30	Spectroscopic properties of artificial DNA nanostructures. <i>Current Applied Physics</i> , 2011, 11, 1233-1236.	2.4	2
31	Intrinsic DNA curvature of double-crossover tiles. <i>Nanotechnology</i> , 2011, 22, 245706.	2.6	10
32	<i>IN VITRO</i> THROMBIN DOSE RESPONSE ON MADIN DARBY CANINE KIDNEY CELL MONOLAYER. <i>Nano</i> , 2011, 06, 333-336.	1.0	0
33	ARTIFICIALLY DESIGNED DNA NANOSTRUCTURES. <i>Nano</i> , 2009, 04, 119-139.	1.0	20