

# Debrupa Lahiri

## List of Publications by Citations

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119  
papers

5,438  
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38  
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72  
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123  
ext. papers

6,211  
ext. citations

5.4  
avg, IF

6.04  
L-index

#	Paper	IF	Citations
119	Carbon nanotube reinforced metal matrix composites - a review. <i>International Materials Reviews</i> , <b>2010</b> , 55, 41-64	16.1	1043
118	Graphene reinforced metal and ceramic matrix composites: a review. <i>International Materials Reviews</i> , <b>2017</b> , 62, 241-302	16.1	337
117	Synthesis and properties of bulk graphene nanoplatelets consolidated by spark plasma sintering. <i>Carbon</i> , <b>2012</b> , 50, 4068-4077	10.4	211
116	Boron nitride nanotube reinforced polylactide-polycaprolactone copolymer composite: mechanical properties and cytocompatibility with osteoblasts and macrophages in vitro. <i>Acta Biomaterialia</i> , <b>2010</b> , 6, 3524-33	10.8	187
115	Carbon nanotube toughened hydroxyapatite by spark plasma sintering: Microstructural evolution and multiscale tribological properties. <i>Carbon</i> , <b>2010</b> , 48, 3103-3120	10.4	164
114	Boron nitride nanotube reinforced hydroxyapatite composite: mechanical and tribological performance and in-vitro biocompatibility to osteoblasts. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2011</b> , 4, 44-56	4.1	156
113	Carbon nanotube reinforced hydroxyapatite composite for orthopedic application: A review. <i>Materials Science and Engineering C</i> , <b>2012</b> , 32, 1727-1758	8.3	151
112	Strengthening mechanism in graphene nanoplatelets reinforced aluminum composite fabricated through spark plasma sintering. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2017</b> , 695, 20-28	5.3	148
111	Tensile properties of carbon nanotube reinforced aluminum nanocomposite fabricated by plasma spray forming. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2009</b> , 40, 589-594	8.4	145
110	Graphene nanoplatelet-induced strengthening of ultrahigh molecular weight polyethylene and biocompatibility in vitro. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2012</b> , 4, 2234-41	9.5	122
109	Graphene NanoPlatelets reinforced tantalum carbide consolidated by spark plasma sintering. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2013</b> , 582, 338-346	5.3	117
108	Measurements of the adhesion energy of graphene to metallic substrates. <i>Carbon</i> , <b>2013</b> , 59, 121-129	10.4	102
107	Nanotribological behavior of graphene nanoplatelet reinforced ultra high molecular weight polyethylene composites. <i>Tribology International</i> , <b>2014</b> , 70, 165-169	4.9	79
106	Dual strengthening mechanisms induced by carbon nanotubes in roll bonded aluminum composites. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2009</b> , 523, 263-270	5.3	79
105	Spark plasma sintered tantalum carbide: Effect of pressure and nano-boron carbide addition on microstructure and mechanical properties. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2011</b> , 528, 1287-1295	5.3	74
104	Effect of carbon nanotube and aluminum oxide addition on plasma-sprayed hydroxyapatite coating's mechanical properties and biocompatibility. <i>Materials Science and Engineering C</i> , <b>2009</b> , 29, 2195-2202	8.3	71
103	Spark plasma sintered tantalum carbide-carbon nanotube composite: Effect of pressure, carbon nanotube length and dispersion technique on microstructure and mechanical properties. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2011</b> , 528, 2538-2547	5.3	70

102	In vivo osseointegration of nano-designed composite coatings on titanium implants. <i>ACS Nano</i> , <b>2011</b> , 5, 4790-9	16.7	68
101	Aligned carbon nanotube reinforced polymeric scaffolds with electrical cues for neural tissue regeneration. <i>Carbon</i> , <b>2015</b> , 95, 715-724	10.4	67
100	Carbon nanotube reinforced polylactide-caprolactone copolymer: mechanical strengthening and interaction with human osteoblasts in vitro. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2009</b> , 1, 2470-6	9.5	67
99	Electrophoretic deposition of hydroxyapatite coating on Mg/Zn alloy for orthopaedic application. <i>Surface and Coatings Technology</i> , <b>2016</b> , 287, 82-92	4.4	66
98	Effects of carbon nanotube aspect ratio on strengthening and tribological behavior of ultra high molecular weight polyethylene composite. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2015</b> , 76, 62-72	8.4	64
97	Strengthening of Mg based alloy through grain refinement for orthopaedic application. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2016</b> , 59, 57-70	4.1	63
96	Nanoscratch behavior of carbon nanotube reinforced aluminum coatings. <i>Thin Solid Films</i> , <b>2010</b> , 518, 1703-1711	2.2	62
95	Carbon nanotubes: how strong is their bond with the substrate?. <i>ACS Nano</i> , <b>2011</b> , 5, 780-7	16.7	60
94	Wear behavior and in vitro cytotoxicity of wear debris generated from hydroxyapatite-carbon nanotube composite coating. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2011</b> , 96, 1-12	5.4	59
93	Mechanical, corrosion and biocompatibility behaviour of Mg-3Zn-HA biodegradable composites for orthopaedic fixture accessories. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2018</b> , 78, 442-454	4.1	58
92	Electric field and current assisted alignment of CNT inside polymer matrix and its effects on electrical and mechanical properties. <i>Polymer</i> , <b>2016</b> , 89, 119-127	3.9	57
91	Boron nitride nanotubes reinforced aluminum composites prepared by spark plasma sintering: Microstructure, mechanical properties and deformation behavior. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2013</b> , 574, 149-156	5.3	56
90	Oxidation behavior of graphene nanoplatelet reinforced tantalum carbide composites in high temperature plasma flow. <i>Carbon</i> , <b>2014</b> , 67, 398-408	10.4	54
89	Microstructure, mechanical properties, and in vitro biocompatibility of spark plasma sintered hydroxyapatite/aluminum oxide/carbon nanotube composite. <i>Materials Science and Engineering C</i> , <b>2010</b> , 30, 1162-1169	8.3	50
88	Multi-scale hierarchy of Chelydra serpentina: microstructure and mechanical properties of turtle shell. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2011</b> , 4, 1440-51	4.1	46
87	Cold sprayed aluminum based glassy coating: Synthesis, wear and corrosion properties. <i>Surface and Coatings Technology</i> , <b>2013</b> , 232, 33-40	4.4	43
86	Compression Molded Ultra High Molecular Weight Polyethylene/Hydroxyapatite/Aluminum Oxide/Carbon Nanotube Hybrid Composites for Hard Tissue Replacement. <i>Journal of Materials Science and Technology</i> , <b>2013</b> , 29, 514-522	9.1	43
85	X-ray diffraction line profile analysis for defect study in Cu-1 wt.% Cr-0.1 wt.% Zr alloy. <i>Materials Characterization</i> , <b>2005</b> , 54, 131-140	3.9	41

84	Direct observation of carbon nanotube induced strengthening in aluminum composite via in situ tensile tests. <i>Carbon</i> , <b>2014</b> , 69, 79-85	10.4	40
83	Dry sliding wear behavior of cold sprayed aluminum amorphous/nanocrystalline alloy coatings. <i>Surface and Coatings Technology</i> , <b>2014</b> , 238, 118-125	4.4	38
82	Unfolding the damping behavior of multilayer graphene membrane in the low-frequency regime. <i>ACS Nano</i> , <b>2012</b> , 6, 3992-4000	16.7	38
81	Graphene-induced strengthening in spark plasma sintered tantalum carbide/nanotube composite. <i>Scripta Materialia</i> , <b>2013</b> , 68, 285-288	5.6	38
80	Insight into reactions and interface between boron nitride nanotube and aluminum. <i>Journal of Materials Research</i> , <b>2012</b> , 27, 2760-2770	2.5	37
79	Study on sintering kinetics and activation energy of UO <sub>2</sub> pellets using three different methods. <i>Journal of Nuclear Materials</i> , <b>2006</b> , 357, 88-96	3.3	35
78	Effect of graphene and CNT reinforcement on mechanical and thermomechanical behavior of epoxy: A comparative study. <i>Journal of Applied Polymer Science</i> , <b>2018</b> , 135, 46101	2.9	33
77	Nanodynamic mechanical behavior of graphene nanoplatelet-reinforced tantalum carbide. <i>Scripta Materialia</i> , <b>2013</b> , 69, 678-681	5.6	32
76	Ultrahigh-pressure consolidation and deformation of tantalum carbide at ambient and high temperatures. <i>Acta Materialia</i> , <b>2013</b> , 61, 4001-4009	8.4	31
75	Sol-gel Derived Hydroxyapatite Coating on Mg-3Zn Alloy for Orthopedic Application. <i>Jom</i> , <b>2015</b> , 67, 702-712	2.1	30
74	Quantification of carbon nanotube induced adhesion of osteoblast on hydroxyapatite using nano-scratch technique. <i>Nanotechnology</i> , <b>2011</b> , 22, 355703	3.4	30
73	Differential neural cell adhesion and neurite outgrowth on carbon nanotube and graphene reinforced polymeric scaffolds. <i>Materials Science and Engineering C</i> , <b>2019</b> , 97, 539-551	8.3	30
72	The hydrophobicity of a lotus leaf: a nanomechanical and computational approach. <i>Nanotechnology</i> , <b>2009</b> , 20, 305707	3.4	29
71	Carbon nanotubes improve the adhesion strength of a ceramic splat to the steel substrate. <i>Carbon</i> , <b>2011</b> , 49, 4340-4347	10.4	29
70	The nano-scratch behavior of biocompatible hydroxyapatite reinforced with aluminum oxide and carbon nanotubes. <i>Jom</i> , <b>2009</b> , 61, 63-66	2.1	28
69	X-ray diffraction line profile analysis for defect study in Zr-2.5% Nb material. <i>Bulletin of Materials Science</i> , <b>2004</b> , 27, 59-67	1.7	27
68	Interfacial bonding characteristics between graphene and dielectric substrates. <i>Nanotechnology</i> , <b>2014</b> , 25, 045707	3.4	25
67	Investigating the role of 3D network of carbon nanofillers in improving the mechanical properties of carbon fiber epoxy laminated composite. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2019</b> , 126, 105601	8.4	23

66	Grain Growth Behavior of Aluminum Oxide Reinforced with Carbon Nanotube During Plasma Spraying and PostSpray Consolidation. <i>International Journal of Applied Ceramic Technology</i> , <b>2010</b> , 7, 846-855	2.3	23
65	Emergence of fluorescence in boron nitride nanoflakes and its application in bioimaging. <i>RSC Advances</i> , <b>2016</b> , 6, 48025-48032	3.7	23
64	Bioengineered smart trilayer skin tissue substitute for efficient deep wound healing. <i>Materials Science and Engineering C</i> , <b>2019</b> , 105, 110140	8.3	22
63	Mechanical Integrity of Biodegradable Mg <sub>2</sub> Si Composite During In Vitro Exposure. <i>Journal of Materials Engineering and Performance</i> , <b>2019</b> , 28, 800-809	1.6	22
62	Strong and transparent PMMA sheet reinforced with amine functionalized BN nanoflakes for UV-shielding application. <i>Composites Part B: Engineering</i> , <b>2019</b> , 176, 107274	10	21
61	Evaluating the effect of addition of nanodiamond on the synergistic effect of graphene-carbon nanotube hybrid on the mechanical properties of epoxy based composites. <i>Polymer Testing</i> , <b>2020</b> , 81, 106274	4.5	21
60	Apatite formability of boron nitride nanotubes. <i>Nanotechnology</i> , <b>2011</b> , 22, 205601	3.4	20
59	Effect of warm rolling and annealing on the mechanical properties of aluminum composite reinforced with boron nitride nanotubes. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2018</b> , 710, 366-373	5.3	19
58	Thermally reduced graphene oxide film on soda lime glass as transparent conducting electrode. <i>Surface and Coatings Technology</i> , <b>2017</b> , 309, 931-937	4.4	19
57	Scratch-Induced Deformation Behavior of Cold-Sprayed Aluminum Amorphous/Nanocrystalline Coatings at Multiple Load Scales. <i>Journal of Thermal Spray Technology</i> , <b>2014</b> , 23, 502-513	2.5	18
56	Photocatalytic activity of spark plasma sintered TiO <sub>2</sub> /graphene nanoplatelet composite. <i>Scripta Materialia</i> , <b>2013</b> , 68, 719-722	5.6	18
55	Scratch induced deformation behavior of hafnium based bulk metallic glass at multiple load scales. <i>Journal of Non-Crystalline Solids</i> , <b>2015</b> , 410, 118-126	3.9	16
54	The influence of bioactive hydroxyapatite shape and size on the mechanical and biodegradation behaviour of magnesium based composite. <i>Ceramics International</i> , <b>2020</b> , 46, 27205-27218	5.1	16
53	Surface modification of CNT reinforced UHMWPE composite for sustained drug delivery. <i>Journal of Drug Delivery Science and Technology</i> , <b>2019</b> , 52, 748-759	4.5	14
52	Serrated yielding during nanoindentation of thermomechanically processed novel Mg <sub>2</sub> Li <sub>2</sub> Al <sub>3</sub> Sn and Mg <sub>2</sub> Li <sub>2</sub> Al <sub>3</sub> Sn <sub>2</sub> Zn alloys. <i>Journal Physics D: Applied Physics</i> , <b>2013</b> , 46, 145304	3	14
51	Nanohardness and Young's modulus of nanopolycrystalline diamond. <i>Scripta Materialia</i> , <b>2011</b> , 64, 1019-1022	1.9	14
50	Aligned carbon nanotube containing scaffolds for neural tissue regeneration. <i>Neural Regeneration Research</i> , <b>2016</b> , 11, 1062-3	4.5	14
49	Sustained drug release from surface modified UHMWPE for acetabular cup lining in total hip implant. <i>Materials Science and Engineering C</i> , <b>2017</b> , 77, 649-661	8.3	13

48	Temperature-time dependent transmittance, sheet resistance and bonding energy of reduced graphene oxide on soda lime glass. <i>Applied Surface Science</i> , <b>2017</b> , 425, 558-563	6.7	13
47	The Tribological Behavior of Plasma-Sprayed Al-Si Composite Coatings Reinforced with Nanodiamond. <i>Jom</i> , <b>2012</b> , 64, 702-708	2.1	13
46	Mg-3Zn/HA Biodegradable Composites Synthesized via Spark Plasma Sintering for Temporary Orthopedic Implants. <i>Journal of Materials Engineering and Performance</i> , <b>2019</b> , 28, 5702-5715	1.6	12
45	In Vitro Biodegradation and Biocompatibility of Mg/HA-Based Composites for Orthopaedic Applications: A Review. <i>Journal of the Indian Institute of Science</i> , <b>2019</b> , 99, 303-327	2.4	12
44	Evaluating initial unloading stiffness from elastic work-of-indentation measured in a nanoindentation experiment. <i>Journal of Materials Research</i> , <b>2013</b> , 28, 789-797	2.5	12
43	Biocompatibility of ultrafine grained zircaloy-2 produced by cryorolling for medical applications. <i>Materials Science and Engineering C</i> , <b>2015</b> , 46, 309-15	8.3	11
42	A novel energy-based method to evaluate indentation modulus and hardness of cementitious materials from nanoindentation load-displacement data. <i>Materials and Structures/Materiaux Et Constructions</i> , <b>2015</b> , 48, 2915-2927	3.4	11
41	Microstructure dependent elastic modulus variation in NiTi shape memory alloy. <i>Journal of Alloys and Compounds</i> , <b>2015</b> , 633, 71-74	5.7	11
40	Anisotropically Conductive Biodegradable Scaffold with Coaxially Aligned Carbon Nanotubes for Directional Regeneration of Peripheral Nerves.. <i>ACS Applied Bio Materials</i> , <b>2020</b> , 3, 5796-5812	4.1	11
39	Surface Modified Metallic Orthopedic Implant for Sustained Drug Release and Osteocompatibility.. <i>ACS Applied Bio Materials</i> , <b>2019</b> , 2, 4181-4192	4.1	10
38	Effect of Alumina Dispersion on Microstructural and Nanomechanical Properties of Pulse Electrodeposited Nickel/Alumina Composite Coatings. <i>Journal of Materials Science and Technology</i> , <b>2014</b> , 30, 808-813	9.1	10
37	Synthesis of Boron Nitride Nanotubes and Boron Nitride Nanoflakes with Potential Application in Bioimaging. <i>Materials Today: Proceedings</i> , <b>2018</b> , 5, 16756-16762	1.4	10
36	Au nanoparticle-decorated aragonite microdumbbells for enhanced antibacterial and anticancer activities. <i>Materials Science and Engineering C</i> , <b>2019</b> , 103, 109734	8.3	9
35	Functionally gradient magnesium-based composite for temporary orthopaedic implant with improved corrosion resistance and osteogenic properties. <i>Biomedical Materials (Bristol)</i> , <b>2020</b> , 16, 015017-5	3.5	9
34	Spatial distribution of nanodiamond and its effect on mechanical behaviour of epoxy based composite using 2D modulus mapping. <i>Mechanics of Materials</i> , <b>2019</b> , 135, 114-128	3.3	8
33	Protein adsorption and biodegradation behaviour of Mg/3Zn/HA for biomedical application. <i>Nanomaterials and Energy</i> , <b>2019</b> , 8, 23-32	1.1	8
32	X-ray measurement of near surface residual stress in textured cold-worked stress-relieved Zr0.5%Nb pressure tube material. <i>Journal of Nuclear Materials</i> , <b>2002</b> , 303, 147-155	3.3	8
31	Differential in vitro degradation and protein adhesion behaviour of spark plasma sintering fabricated magnesium-based temporary orthopaedic implant in serum and simulated body fluid. <i>Biomedical Materials (Bristol)</i> , <b>2019</b> , 15, 015006	3.5	7

30	Dry Sliding Wear Behavior of Hafnium-Based Bulk Metallic Glass at Room and Elevated Temperatures. <i>Journal of Materials Engineering and Performance</i> , <b>2016</b> , 25, 3931-3937	1.6	7
29	Effect of Prior Processing on Superplasticity of Thermomechanically Treated TiAlV Alloy. <i>Materials and Manufacturing Processes</i> , <b>2003</b> , 18, 621-635	4.1	7
28	Quantifying bonding strength of CuO nanotubes with substrate using the nano-scratch technique. <i>Nanotechnology</i> , <b>2015</b> , 26, 305701	3.4	6
27	Texture evolution in two phase Zr 12.5 wt-%Nb through modified route. <i>Materials Science and Technology</i> , <b>2004</b> , 20, 1281-1289	1.5	6
26	Comparative study on the efficacy of the UHMWPE surface modification by chemical etching and electrostatic spraying method for drug release by orthopedic implants. <i>Materials Science and Engineering C</i> , <b>2019</b> , 105, 110117	8.3	5
25	Quantifying nanodiamonds assisted exfoliation of graphene and its effect on toughening behaviour of composite structure. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2020</b> , 132, 105840	8.4	5
24	Copper catalyzed growth of hexagonal boron nitride nanotubes on a tungsten substrate. <i>CrystEngComm</i> , <b>2018</b> , 20, 2713-2719	3.3	5
23	Development and Characterization of Acellular Caprine Choncal Cartilage Matrix for Tissue Engineering Applications. <i>Cartilage</i> , <b>2019</b> , 1947603519855769	3	4
22	Investigation of crystallinity, mechanical properties, fracture toughness and cell proliferation in plasma sprayed graphene nano platelets reinforced hydroxyapatite coating. <i>Materials Research Express</i> , <b>2020</b> , 7, 015415	1.7	4
21	Assessment of biomechanical stability and formulation of a statistical model on magnesium based composite in two different milieus. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2020</b> , 111, 103980	4.1	4
20	Synthesis and evaluation of magnesium/co-precipitated hydroxyapatite based composite for biomedical application. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2021</b> , 118, 104460	4.1	4
19	Decellularized xenogenic cartilage extracellular matrix (ECM) scaffolds for the reconstruction of osteochondral defects in rabbits. <i>Journal of Materials Chemistry B</i> , <b>2021</b> , 9, 4873-4894	7.3	3
18	The Evolving Neural Tissue Engineering Landscape of India.. <i>ACS Applied Bio Materials</i> , <b>2019</b> , 2, 5446-5459	4.1	2
17	Electrophoretically deposited graphene oxide with modified substrate suspension interface for tailored field emission response. <i>Journal of Applied Electrochemistry</i> , <b>2021</b> , 51, 197-207	2.6	2
16	Analysis of neural cell behaviour on anisotropic electrically conductive polymeric biodegradable scaffolds reinforced with carbon nanotubes. <i>Medical Devices &amp; Sensors</i> , <b>2021</b> , 4, e10152	1.6	2
15	Atmospheric oxidation effect of silicon-carbon nanotube anode on Li-ion battery performance. <i>Nanomaterials and Energy</i> , <b>2015</b> , 4, 153-158	1.1	1
14	Nutraceutical regulation of miRNAs involved in neurodegenerative diseases and brain cancers. <i>Heliyon</i> , <b>2021</b> , 7, e07262	3.6	1
13	Measurement of bonding strength of thermally reduced graphene oxide with soda lime glass using nanoscratch technique. <i>Materials Today: Proceedings</i> , <b>2018</b> , 5, 16338-16345	1.4	1

12	Assessment of Interfacial Interaction in Graphene Nanoplatelets and Carbon Fiber-Reinforced Epoxy Matrix Multiscale Composites and Its Effect on Mechanical Behavior. <i>Journal of Materials Engineering and Performance</i> ,1	1.6	1
11	Extracts Prevent Hyperglycemia in Type 2 Diabetes Mellitus.. <i>Preventive Nutrition and Food Science</i> , <b>2022</b> , 27, 50-62	2.4	1
10	Assessment of protein adhesion behaviour and biocompatibility of magnesium/Co-substituted HA-based composites for orthopaedic application.. <i>International Journal of Biological Macromolecules</i> , <b>2022</b> , 208, 707-719	7.9	1
9	Polymer Matrix-Based Carbon Nanocomposites for Neural Tissue Engineering1		0
8	Biocompatibility and biodegradability evaluation of magnesium-based intramedullary bone implants in avian model. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2021</b> , 109, 1479-1489	5.4	0
7	Effect of multi-axial hot forging process on mechanical, and corrosion resistance behavior of Mg-3Zn alloy for temporary orthopedic implants. <i>Engineering Reports</i> , <b>2021</b> , 3, e12286	1.2	0
6	Multilayered porous hydroxyapatite coating on Ti6Al4V implant with enhanced drug delivery and antimicrobial properties. <i>Journal of Drug Delivery Science and Technology</i> , <b>2022</b> , 70, 103155	4.5	0
5	Processing and Nanomechanical Properties of Hydroxyapatite-Nanotube Biocomposite <b>2015</b> , 260-283		
4	Medical Applications of Hierarchical Composites <b>2015</b> , 203-237		
3	Distinct Levels of Adhesion Energy of Grown CuO Nanostructures. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2020</b> , 20, 3527-3534	1.3	
2	Recent Trends in Electrospinning for the Preparation of Ultrathin Plastic and Polymer Fibers for Bio-Medical Applications <b>2021</b> ,		
1	Physico-chemical Modifications of Magnesium and Alloys for Biomedical Applications <b>2022</b> , 131-180		