

# Anuj Kumar

## List of Publications by Year in descending order

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150  
papers

5,935  
citations

81900

39  
h-index

88630

70  
g-index

154  
all docs

154  
docs citations

154  
times ranked

6846  
citing authors

#	ARTICLE	IF	CITATIONS
1	Perspective of reactive separation of levulinic acid in conceptual mixer settler reactor. <i>Environmental Science and Pollution Research</i> , 2023, 30, 24890-24898.	5.3	0
2	Disulfide bond-driven hyaluronic acid/sericin nanoparticles for wound-healing application. <i>Journal of Nanostructure in Chemistry</i> , 2023, 13, 463-480.	9.1	5
3	Adoption of Robotics Technology in Healthcare Sector. <i>Lecture Notes in Electrical Engineering</i> , 2022, , 405-414.	0.4	9
4	Optimization and experimental design by response surface method for reactive extraction of glutaric acid. <i>International Journal of Chemical Reactor Engineering</i> , 2022, 20, 511-520.	1.1	6
5	Experimental investigation using conventional and natural extractants for liquid-liquid extraction of glutaric acid. <i>Chemical Data Collections</i> , 2022, 37, 100790.	2.3	7
6	Poly (vinyl alcohol)-alginate as potential matrix for various applications: A focused review. <i>Carbohydrate Polymers</i> , 2022, 277, 118881.	10.2	39
7	Liquid-liquid extraction of lactic acid using non-toxic solvents. <i>Chemical Data Collections</i> , 2022, 38, 100823.	2.3	4
8	Cellulose-Derived Nanostructures as Sustainable Biomass for Supercapacitors: A Review. <i>Polymers</i> , 2022, 14, 169.	4.5	13
9	Molybdenum disulfide (MoS <sub>2</sub> )-based nanostructures for tissue engineering applications: prospects and challenges. <i>Journal of Materials Chemistry B</i> , 2022, 10, 2761-2780.	5.8	20
10	Polysaccharides-Based Biomaterials for Surgical Applications. , 2022, , 943-974.		1
11	A study of Economic complexity of Indian Exports Vis-À-vis China: A Review Paper based on Atlas of Economic Complexity theory. <i>Acta Universitatis Bohemicae Meridionales: Vedecky Casopis Pro Ekonomiku, Rizeni A Obchod</i> , 2022, 24, 39-56.	0.5	0
12	Suberin Fatty Acid Hydrolysates from Outer Birch Bark for Hydrophobic Coating on Aspen Wood Surface. <i>Polymers</i> , 2022, 14, 832.	4.5	5
13	Life under COVID-19 lockdown: an experience of old age people in India. <i>Working With Older People</i> , 2022, ahead-of-print, .	0.4	3
14	Separation of succinic acid from aqueous phase using nontoxic solvents. <i>Chemical Data Collections</i> , 2022, 39, 100866.	2.3	4
15	A review of tourism sustainability in the era of Covid-19. <i>Journal of Statistics and Management Systems</i> , 2022, 25, 1871-1888.	0.6	22
16	Effect of graphite nanoplatelets surface area on mechanical properties of room-temperature vulcanized silicone rubber nanocomposites. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	2.6	6
17	Advances in Hydrogel-Based Microfluidic Blood-Brain-Barrier Models in Oncology Research. <i>Pharmaceutics</i> , 2022, 14, 993.	4.5	12
18	Stretchable piezoelectric energy harvesting device with high durability using carbon nanomaterials with different structure and their synergism with molybdenum disulfide. <i>Journal of Vinyl and Additive Technology</i> , 2022, 28, 813-827.	3.4	6

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19	Flow field and performance study of Savonius water turbine. <i>Materials Today: Proceedings</i> , 2021, 46, 5219-5222.	1.8	11
20	Assessment of hydrokinetic energy – A case study of eastern Yamuna canal. <i>Materials Today: Proceedings</i> , 2021, 46, 5223-5227.	1.8	8
21	Photo-mediated optimized synthesis of silver nanoparticles using the extracts of outer shell fibre of <i>Cocos nucifera</i> L. fruit and detection of its antioxidant, cytotoxicity and antibacterial potential. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 980-987.	3.8	42
22	Targeting integrins for cancer management using nanotherapeutic approaches: Recent advances and challenges. <i>Seminars in Cancer Biology</i> , 2021, 69, 325-336.	9.6	38
23	Future Perspectives for Gel-Inks for 3D Printing in Tissue Engineering. <i>Gels Horizons: From Science To Smart Materials</i> , 2021, , 383-395.	0.3	1
24	Three-Dimensional Self-healing Scaffolds for Tissue Engineering Applications. <i>Gels Horizons: From Science To Smart Materials</i> , 2021, , 129-159.	0.3	0
25	Redox-sensitive nanoparticles based on xylan-lipoic acid conjugate for tumor targeted drug delivery of niclosamide in cancer therapy. <i>Carbohydrate Research</i> , 2021, 499, 108222.	2.3	16
26	Extractives of Stemwood and Sawmill Residues of Scots Pine ( <i>Pinus sylvestris</i> L.) for Biorefining in Four Climatic Regions in Finland – Phenolic and Resin Acid Compounds. <i>Forests</i> , 2021, 12, 192.	2.1	11
27	Crosstalk of Long Non-coding RNAs and EMT: Searching the Missing Pieces of an Incomplete Puzzle for Lung Cancer Therapy. <i>Current Cancer Drug Targets</i> , 2021, 21, 640-665.	1.6	20
28	An interconnection between COVID-19 and climate change problem. <i>Journal of Statistics and Management Systems</i> , 2021, 24, 281-300.	0.6	46
29	Delignified Wood from Understanding the Hierarchically Aligned Cellulosic Structures to Creating Novel Functional Materials: A Review. <i>Advanced Sustainable Systems</i> , 2021, 5, 2000251.	5.3	70
30	Strontium and selenium doped bioceramics incorporated polyacrylamide-carboxymethylcellulose hydrogel scaffolds: mimicking key features of bone regeneration. <i>Journal of Asian Ceramic Societies</i> , 2021, 9, 531-548.	2.3	12
31	Properties of Silicone Rubber-Based Composites Reinforced with Few-Layer Graphene and Iron Oxide or Titanium Dioxide. <i>Polymers</i> , 2021, 13, 1550.	4.5	24
32	Molecular Perspective of Nanoparticle Mediated Therapeutic Targeting in Breast Cancer: An Odyssey of Endoplasmic Reticulum Unfolded Protein Response (UPRER) and Beyond. <i>Biomedicines</i> , 2021, 9, 635.	3.2	8
33	Mechanical, Electrical, and Biological Properties of Mechanochemically Processed Hydroxyapatite Ceramics. <i>Nanomaterials</i> , 2021, 11, 2216.	4.1	19
34	Efficacy of Bacterial Nanocellulose in Hard Tissue Regeneration: A Review. <i>Materials</i> , 2021, 14, 4777.	2.9	23
35	Estimation of Number of Graphene Layers Using Different Methods: A Focused Review. <i>Materials</i> , 2021, 14, 4590.	2.9	87
36	An empirical study of marketing of SMEs in the tourism sector. <i>Small Enterprise Research: the Journal of SEANZ</i> , 2021, 28, 314-328.	1.9	10

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37	Enactment of Sustainable Technovations on Healthcare Sectors. Asia Pacific Journal of Health Management, 2021, 16, 184-192.	0.3	13
38	Enhanced mechanical, biomineralization, and cellular response of nanocomposite hydrogels by bioactive glass and halloysite nanotubes for bone tissue regeneration. Materials Science and Engineering C, 2021, 128, 112236.	7.3	37
39	RTV silicone rubber composites reinforced with carbon nanotubes, titanium-di-oxide and their hybrid: Mechanical and piezoelectric actuation performance. Nano Materials Science, 2021, 3, 233-240.	8.8	28
40	Central Composite Design Approach for Optimization of Levulinic Acid Separation by Reactive Components. Industrial & Engineering Chemistry Research, 2021, 60, 13692-13700.	3.7	12
41	New Horizons in Hydrogels for Methotrexate Delivery. Gels, 2021, 7, 2.	4.5	20
42	Electrospun nanocarriers for delivering natural products for cancer therapy. Trends in Food Science and Technology, 2021, 118, 887-904.	15.1	23
43	Potential of magnetic nano cellulose in biomedical applications: Recent Advances. , 2021, 1, 32-47.		9
44	Artificial Intelligence: Technology 4.0 as a solution for healthcare workers during COVID-19 pandemic. Acta Universitatis Bohemiae Meridionales: Vedecky Casopis Pro Ekonomiku, Rizeni A Obchod, 2021, 24, 19-35.	0.5	16
45	Emotional intelligence can help healthcare professionals and managers: A way deal COVID-19 pandemic. Asian Journal of Management, 2021, , 353-358.	0.7	9
46	Impact of Covid-19 on the Mental Health of Healthcare Workers: Predisposing factors, prevalence and supportive strategies. Asia Pacific Journal of Health Management, 2021, 16, 260-265.	0.3	6
47	Application of Disruptive Technologies on Environmental Health: An overview of artificial intelligence, blockchain and internet of things. Asia Pacific Journal of Health Management, 2021, 16, 251-259.	0.3	0
48	Gamification as a Sustainable Tool for HR Managers. Acta Universitatis Bohemiae Meridionales: Vedecky Casopis Pro Ekonomiku, Rizeni A Obchod, 2021, 24, 1-14.	0.5	8
49	Artificial Intelligence (Online Resource): A panacea for SMEs in healthcare. Asia Pacific Journal of Health Management, 2021, 16, 230-235.	0.3	1
50	Resistance of bamboo scrimber against white-rot and brown-rot fungi. Wood Material Science and Engineering, 2020, 15, 57-63.	2.3	19
51	Redox responsive xylan-SS-curcumin prodrug nanoparticles for dual drug delivery in cancer therapy. Materials Science and Engineering C, 2020, 107, 110356.	7.3	61
52	Quantum dot scaffold phosphors: Maximizing luminescence quantum yield via different stock environments. Materials Letters, 2020, 259, 126846.	2.6	2
53	Effect of number of stages on the performance characteristics of modified Savonius hydrokinetic turbine. Ocean Engineering, 2020, 217, 108090.	4.3	25
54	Fabrication of Graphene Oxide and Nanohydroxyapatite Reinforced Gelatin-Alginate Nanocomposite Scaffold for Bone Tissue Regeneration. Frontiers in Materials, 2020, 7, .	2.4	36

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55	Production of levulinic acid: A promising building block material for pharmaceutical and food industry. <i>Materials Today: Proceedings</i> , 2020, 29, 790-793.	1.8	28
56	Editorial: Bioceramics and Bioactive Glasses for Hard Tissue Regeneration. <i>Frontiers in Materials</i> , 2020, 7, .	2.4	2
57	Nanoporous Sodium Carboxymethyl Cellulose-g-poly (Sodium Acrylate)/FeCl <sub>3</sub> Hydrogel Beads: Synthesis and Characterization. <i>Gels</i> , 2020, 6, 49.	4.5	42
58	Separation of Levulinic Acid by Reaction with Tri- <i>n</i> -butylphosphate Diluted in Nontoxic Solvents. <i>Journal of Chemical &amp; Engineering Data</i> , 2020, 65, 3002-3007.	1.9	13
59	Novel bio-based solid acid catalyst derived from waste yeast residue for biodiesel production. <i>Renewable Energy</i> , 2020, 159, 127-139.	8.9	38
60	Zinc Oxide Nanoparticles Functionalized on Hydrogel Grafted Silk Fibroin Fabrics as Efficient Composite Dressing. <i>Biomolecules</i> , 2020, 10, 710.	4.0	39
61	Extractive separation of levulinic acid using natural and chemical solvents. <i>Chemical Data Collections</i> , 2020, 28, 100417.	2.3	23
62	3D printable carboxylated cellulose nanocrystal-reinforced hydrogel inks for tissue engineering. <i>Biofabrication</i> , 2020, 12, 025029.	7.1	49
63	Properties of Injection Molded Biocomposites Reinforced with Wood Particles of Short-Rotation Aspen and Willow. <i>Polymers</i> , 2020, 12, 257.	4.5	13
64	Multifunctional Polymeric Nanoplatfoms for Brain Diseases Diagnosis, Therapy and Theranostics. <i>Biomedicines</i> , 2020, 8, 13.	3.2	81
65	Room-temperature vulcanized silicone rubber/barium titanate-based high-performance nanocomposite for energy harvesting. <i>Materials Today Chemistry</i> , 2020, 16, 100232.	3.5	18
66	Recent Advances in Natural Gum-Based Biomaterials for Tissue Engineering and Regenerative Medicine: A Review. <i>Polymers</i> , 2020, 12, 176.	4.5	122
67	GaN phosphors converted white light-emitting diodes for high luminous efficacy and improved thermal stability. <i>IET Optoelectronics</i> , 2020, 14, 155-158.	3.3	4
68	Characterization of Cellulose Nanocrystals Produced by Acid-Hydrolysis from Sugarcane Bagasse as Agro-Waste. <i>Journal of Materials Physics and Chemistry</i> , 2020, 2, 1-8.	8.6	270
69	Indian education system and growing number of online conferences: Scenario under COVID-19. <i>Asian Journal of Management</i> , 2020, 11, 395-401.	0.7	19
70	Stimuli-Responsive Nano-Drug Delivery Systems for Cancer Therapy. <i>Nanotechnology in the Life Sciences</i> , 2020, , 151-162.	0.6	1
71	Bioaugmentation of endosulfan contaminated soil in artificial bed treatment using selected fungal species. <i>Bioremediation Journal</i> , 2019, 23, 196-214.	2.0	6
72	Development of halloysite nanotube/carboxylated-cellulose nanocrystal-reinforced and ionically-crosslinked polysaccharide hydrogels. <i>Materials Science and Engineering C</i> , 2019, 104, 109983.	7.3	41

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73	Influence of Different Pretreatments on the Structure and Hydrolysis Behavior of Bamboo: A Comparative Study. <i>Materials</i> , 2019, 12, 2570.	2.9	12
74	Isolation and molecular characterization of dengue virus clinical isolates from pediatric patients in New Delhi. <i>International Journal of Infectious Diseases</i> , 2019, 84, S25-S33.	3.3	19
75	Biodegradation of chlorinated organic pesticides endosulfan and chlorpyrifos in soil extract broth using fungi. <i>Remediation</i> , 2019, 29, 63-77.	2.4	34
76	Development of biomimetic electrospun polymeric biomaterials for bone tissue engineering. A review. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2019, 30, 1308-1355.	3.5	93
77	Life Cycle Assessment of Plywood Manufacturing Process in China. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2037.	2.6	31
78	Enhanced physical, mechanical, and cytocompatibility behavior of polyelectrolyte complex hydrogels by reinforcing halloysite nanotubes and graphene oxide. <i>Composites Science and Technology</i> , 2019, 175, 35-45.	7.8	66
79	Bioactive glass-based composites in bone tissue engineering: synthesis, processing, and cellular responses. , 2019, , 397-439.		0
80	Environmental Impact of Textile Reinforced Concrete Facades Compared to Conventional Solutions—LCA Case Study. <i>Materials</i> , 2019, 12, 3194.	2.9	41
81	Additive Manufacturing Methods for Producing Hydroxyapatite and Hydroxyapatite-Based Composite Scaffolds: A Review. <i>Frontiers in Materials</i> , 2019, 6, .	2.4	113
82	Single-Crystalline ZnO/Graphene Quantum Dots Phosphors-Converted White Light-Emitting Diodes. <i>IEEE Photonics Technology Letters</i> , 2019, 31, 203-205.	2.5	11
83	Hydrophobicity and resistance against microorganisms of heat and chemically crosslinked poly(vinyl Tj ETQq1 1 0.784314 rgBT /Overdo	12.7	80
84	Mechanically viscoelastic nanoreinforced hybrid hydrogels composed of polyacrylamide, sodium carboxymethylcellulose, graphene oxide, and cellulose nanocrystals. <i>Carbohydrate Polymers</i> , 2018, 193, 228-238.	10.2	98
85	pH and near-infrared active; chitosan-coated halloysite nanotubes loaded with curcumin-Au hybrid nanoparticles for cancer drug delivery. <i>International Journal of Biological Macromolecules</i> , 2018, 112, 119-125.	7.5	106
86	Tunable Intracellular Degradable Periodic Mesoporous Organosilica Hybrid Nanoparticles for Doxorubicin Drug Delivery in Cancer Cells. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 175-183.	5.2	36
87	Application of High Conductive Nanoparticles to Enhance the Thermal and Mechanical Properties of Wood Composite. <i>Materials Today: Proceedings</i> , 2018, 5, 3143-3149.	1.8	13
88	Nanocoating on alkali-resistant glass fibers by octadecyltrichlorosilane to improve the mechanical strength of fibers and fibers/epoxy composites. <i>Textile Reseach Journal</i> , 2018, 88, 1038-1046.	2.2	8
89	Biodegradable Tragacanth Gum Based Silver Nanocomposite Hydrogels and Their Antibacterial Evaluation. <i>Journal of Polymers and the Environment</i> , 2018, 26, 778-788.	5.0	37
90	Polysaccharide-based magnetically responsive polyelectrolyte hydrogels for tissue engineering applications. <i>Journal of Materials Science and Technology</i> , 2018, 34, 1371-1377.	10.7	53

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91	Application of xanthan gum as polysaccharide in tissue engineering: A review. Carbohydrate Polymers, 2018, 180, 128-144.	10.2	352
92	A novel use of cellulose based filter paper containing silver nanoparticles for its potential application as wound dressing agent. International Journal of Biological Macromolecules, 2018, 108, 455-461.	7.5	93
93	Industrially viable technique for the preparation of <sc>HDPE</sc>/fly ash composites at high loading: Thermal, mechanical, and rheological interpretations. Journal of Applied Polymer Science, 2018, 135, 459951.	2.6	14
94	Photo-mediated Biosynthesis of Silver Nanoparticles Using the Non-edible Accrescent Fruiting Calyx of Physalis peruviana L. Fruits and Investigation of its Radical Scavenging Potential and Cytotoxicity Activities. Journal of Photochemistry and Photobiology B: Biology, 2018, 188, 116-125.	3.8	31
95	Liquefaction of lignocellulosic materials and its applications in wood adhesivesâ€™A review. Industrial Crops and Products, 2018, 124, 325-342.	5.2	93
96	Polysaccharide based hydrogels reinforced with halloysite nanotubes via polyelectrolyte complexation. Materials Letters, 2018, 213, 231-235.	2.6	23
97	Recent Advances In Biomaterials For Medical Applications: A Short Review of our Laboratoryâ€™s Research. Biomaterials and Medical Applications, 2018, 02, .	0.0	0
98	The Continuous Fractional Wavelet Transform on W-Type Spaces. Journal of the Indian Mathematical Society, 2018, 85, 377.	0.1	0
99	Microalgae: A Potential Source of Biofuel. , 2018, , 119-152.		0
100	PVA-based hydrogels for tissue engineering: A review. International Journal of Polymeric Materials and Polymeric Biomaterials, 2017, 66, 159-182.	3.4	316
101	Morphological, mechanical, and <i>in vitro</i> cytocompatibility analysis of poly(vinyl Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 34 of Polymer Analysis and Characterization, 2017, 22, 139-151.	1.9	9
102	Fabrication and Characterization of Multicomponent Polysaccharide/Nanohydroxyapatite Composite Scaffolds. Polymer-Plastics Technology and Engineering, 2017, 56, 983-991.	1.9	12
103	Xanthan gum/bioactive silica glass hybrid scaffolds reinforced with cellulose nanocrystals: Morphological, mechanical and in vitro cytocompatibility study. Materials Letters, 2017, 193, 274-278.	2.6	53
104	Performance analysis of a Savonius hydrokinetic turbine having twisted blades. Renewable Energy, 2017, 108, 502-522.	8.9	116
105	Synthesis of mechanically stiff and bioactive hybrid hydrogels for bone tissue engineering applications. Chemical Engineering Journal, 2017, 317, 119-131.	12.7	113
106	Performance analysis of a single stage modified Savonius hydrokinetic turbine having twisted blades. Renewable Energy, 2017, 113, 461-478.	8.9	94
107	Polysaccharide based bionanocomposite hydrogels reinforced with cellulose nanocrystals: Drug release and biocompatibility analyses. International Journal of Biological Macromolecules, 2017, 101, 165-171.	7.5	68
108	Optimization of processing parameters of medium density fiberboard using response surface methodology for multiwalled carbon nanotubes as a nanofiller. European Journal of Wood and Wood Products, 2017, 75, 203-213.	2.9	13

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109	Coating of wood by means of electrospun nanofibers based on PVA/SiO <sub>2</sub> and its hydrophobization with octadecyltrichlorosilane (OTS). <i>Holzforschung</i> , 2017, 71, 225-231.	1.9	20
110	Development of antibacterial paper coated with sodium hyaluronate stabilized curcumin-Ag nanohybrid and chitosan via polyelectrolyte complexation for medical applications. <i>Materials Research Express</i> , 2017, 4, 115401.	1.6	10
111	Influence of liquefied wood polyol on the physical-mechanical and thermal properties of epoxy based polymer. <i>Polymer Testing</i> , 2017, 64, 207-216.	4.8	12
112	Surface modification of Norway spruce wood by octadecyltrichlorosilane (OTS) nanosol by dipping and water vapour diffusion properties of the OTS-modified wood. <i>Holzforschung</i> , 2017, 72, 45-56.	1.9	35
113	Development of sodium alginate-xanthan gum based nanocomposite scaffolds reinforced with cellulose nanocrystals and halloysite nanotubes. <i>Polymer Testing</i> , 2017, 63, 214-225.	4.8	83
114	Development of sustainable bio-adhesives for engineered wood panels – A Review. <i>RSC Advances</i> , 2017, 7, 38604-38630.	3.6	259
115	Poly(acrylamidoglycolic acid) nanocomposite hydrogels reinforced with cellulose nanocrystals for pH-sensitive controlled release of diclofenac sodium. <i>Polymer Testing</i> , 2017, 64, 175-182.	4.8	30
116	Effect of crosslinking functionality on microstructure, mechanical properties, and in vitro cytocompatibility of cellulose nanocrystals reinforced poly (vinyl alcohol)/sodium alginate hybrid scaffolds. <i>International Journal of Biological Macromolecules</i> , 2017, 95, 962-973.	7.5	149
117	Nanohydroxyapatite-coated hydroxyethyl cellulose/poly (vinyl) alcohol electrospun scaffolds and their cellular response. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2017, 66, 115-122.	3.4	15
118	Performance parameters of Savonius type hydrokinetic turbine – A Review. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 64, 289-310.	16.4	150
119	Hydrophobic treatment of wood fibrous thermal insulator by octadecyltrichlorosilane and its influence on hygric properties and resistance against moulds. <i>Composites Part B: Engineering</i> , 2016, 106, 285-293.	12.0	42
120	Polysaccharides based antibacterial polyelectrolyte hydrogels with silver nanoparticles. <i>Materials Letters</i> , 2016, 184, 189-192.	2.6	53
121	Influence of surface modification of wood with octadecyltrichlorosilane on its dimensional stability and resistance against <i>Coniophora puteana</i> and molds. <i>Cellulose</i> , 2016, 23, 3249-3263.	4.9	40
122	Engineered bamboo scrimber: Influence of density on the mechanical and water absorption properties. <i>Construction and Building Materials</i> , 2016, 127, 815-827.	7.2	122
123	Fabrication, characterization and in vitro biocompatibility of electrospun hydroxyethyl cellulose/poly (vinyl) alcohol nanofibrous composite biomaterial for bone tissue engineering. <i>Chemical Engineering Science</i> , 2016, 144, 17-29.	3.8	78
124	Fabrication of poly (vinyl alcohol)/ovalbumin/cellulose nanocrystals/nanohydroxyapatite based biocomposite scaffolds. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2016, 65, 191-201.	3.4	19
125	Textile-reinforced concrete facade panels with rigid foam core prisms. <i>Journal of Sandwich Structures and Materials</i> , 2016, 18, 200-214.	3.5	22
126	Property improvements of alkali resistant glass fibres/epoxy composite with nanosilica for textile reinforced concrete applications. <i>Materials and Design</i> , 2016, 89, 146-155.	7.0	23



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127	Emergence of Bioprinting in Tissue Engineering: A Mini Review. <i>Advances in Tissue Engineering &amp; Regenerative Medicine Open Access</i> , 2016, 1, .	0.1	2
128	Biowaste Sago Bark Based Catalyst Free Carbon Nanospheres: Waste to Wealth Approach. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 2247-2253.	6.7	111
129	Thermal and mechanical properties of urea-formaldehyde (UF) resin combined with multiwalled carbon nanotubes (MWCNT) as nanofiller and fiberboards prepared by UF-MWCNT. <i>Holzforschung</i> , 2015, 69, 199-205.	1.9	34
130	Characterization of $W_p$ -type of spaces involving fractional Fourier transform. <i>Journal of Inequalities and Applications</i> , 2015, 2015, .	1.1	0
131	Electrospun hydroxyethyl cellulose nanofibers functionalized with calcium phosphate coating for bone tissue engineering. <i>RSC Advances</i> , 2015, 5, 29497-29504.	3.6	54
132	Liquefied-Wood-Based Polyurethane- $\alpha$ -Nanosilica Hybrid Coatings and Hydrophobization by Self-Assembled Monolayers of Orthotrichlorosilane (OTS). <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 2533-2541.	6.7	34
133	Pseudo-differential operators and Localization operators on $S^{\mu}_u(\mathbb{R})$ space involving fractional Fourier transform. <i>Novi Sad Journal of Mathematics</i> , 2015, 45, 285-301.	0.2	0
134	High performance supercapacitor using catalysis free porous carbon nanoparticles. <i>Journal Physics D: Applied Physics</i> , 2014, 47, 495307.	2.8	64
135	Characterization of spaces of type $W$ and pseudo-differential operators of infinite order involving fractional Fourier transform. <i>Journal of Pseudo-Differential Operators and Applications</i> , 2014, 5, 215-230.	0.7	9
136	Effect of modified cellulose nanocrystals on microstructural and mechanical properties of polyvinyl alcohol/ovalbumin biocomposite scaffolds. <i>Materials Letters</i> , 2014, 129, 61-64.	2.6	27
137	Catalyst free silica templated porous carbon nanoparticles from bio-waste materials. <i>Chemical Communications</i> , 2014, 50, 12702-12705.	4.1	77
138	Microstructural and mechanical properties of porous biocomposite scaffolds based on polyvinyl alcohol, nano-hydroxyapatite and cellulose nanocrystals. <i>Cellulose</i> , 2014, 21, 3409-3426.	4.9	135
139	Influence of activated charcoal as filler on the properties of wood composites. <i>International Journal of Adhesion and Adhesives</i> , 2013, 46, 34-39.	2.9	33
140	Fabrication of medium density fibreboard from enzyme treated rubber wood ( <i>Hevea brasiliensis</i> ) fibre and modified organosolv lignin. <i>International Journal of Adhesion and Adhesives</i> , 2013, 44, 99-104.	2.9	35
141	Verwendung von Aluminiumoxid-Nanopartikeln in Holzwerkstoffen zur Verbesserung des Wärmedurchgangs beim Hei $\ddot{u}$ pressen. <i>European Journal of Wood and Wood Products</i> , 2013, 71, 193-198.	2.9	29
142	Synthesis And Characterization Of Cellulose Nanocrystals/PVA Based Bionanocomposite. <i>Advanced Materials Letters</i> , 2013, 4, 626-631.	0.6	46
143	Asymptotic Series of General Symbol of Pseudo-Differential Operator Involving Fractional Fourier Transform. <i>ISRN Mathematical Analysis</i> , 2013, 2013, 1-6.	0.4	0
144	Non-Covalent Assembly of Maghemite-Multiwalled Carbon Nanotubes for Efficient Lead Removal from Aqueous Solution. <i>Australian Journal of Chemistry</i> , 2013, 66, 1440.	0.9	4

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145	Synthesis and characterization of methylcellulose/PVA based porous composite. Carbohydrate Polymers, 2012, 88, 1364-1372.	10.2	102
146	Influence of Carbon Nanotubes on Mechanical Properties of High Performance Concrete (HPC). Key Engineering Materials, 0, 714, 107-110.	0.4	1
147	Comparison of Different Types of Glass Reinforcement for HPC Facade Elements from Mechanical and Economical Aspects. Key Engineering Materials, 0, 722, 286-291.	0.4	1
148	The Effect of Surface Treatments of Textile Reinforcement on Mechanical Parameters of HPC Facade Elements. Key Engineering Materials, 0, 677, 203-206.	0.4	7
149	Recovery of Levulinic Acid in its Production Using Agriculture Waste Residue. SSRN Electronic Journal, 0, , .	0.4	2
150	Milkiana Cattle feed- an entrepreneurial saga of business integration: case study. Small Enterprise Research: the Journal of SEAANZ, 0, , 1-9.	1.9	2