

# A A Menazea

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

118  
papers

3,215  
citations

40  
h-index

53  
g-index

126  
ext. papers

4,207  
ext. citations

3.8  
avg. IF

7.23  
L-index

#	Paper	IF	Citations
118	Perspectives on composite films of chitosan-based natural products (Ginger, Curcumin, and Cinnamon) as biomaterials for wound dressing. <i>Arabian Journal of Chemistry</i> , <b>2022</b> , 15, 103716	5.9	5
117	Fundamentals, antibacterial, and photocatalysis properties of Ag@Se@PVDF nanocomposite membrane synthesized via laser ablation technique. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2022</b> , 33, 1021	2.1	0
116	Improvement in electrical conductivity characterization of chitosan/Poly (ethylene oxide) incorporated with V2O5 NPs via laser ablation. <i>Journal of Materials Research and Technology</i> , <b>2022</b> , 16, 1272-1282	5.5	2
115	Morphological, mechanical, and antibacterial investigation of a ternary nanocomposite contains hydroxyapatite, tellurium(IV) oxide (Te2O4), and graphene oxide in vitro. <i>Applied Physics A: Materials Science and Processing</i> , <b>2022</b> , 128, 1	2.6	0
114	Gamma radiation introduces improvement in Ac conductivity behavior and dielectric characterization of CuONPs@PVP-PVA nano matrix films prepared by one-potential laser ablation method. <i>Optical and Quantum Electronics</i> , <b>2022</b> , 54, 1	2.4	0
113	Physical, optical, thermal, and electrical conductivity strength of ternary CMC/PVA/Er2O3 NPs nanocomposite fabricated via pulsed laser ablation. <i>Physica B: Condensed Matter</i> , <b>2022</b> , 413910	2.8	2
112	Thermal, optical and electrical properties of WO3/carboxymethyl cellulose/polyvinyl alcohol composite synthesized by laser ablation. <i>Journal of Polymer Research</i> , <b>2022</b> , 29, 1	2.7	1
111	Optimizing the mechanical and surface topography of hydroxyapatite/Gd2O3/graphene oxide nanocomposites for medical applications. <i>Journal of Saudi Chemical Society</i> , <b>2022</b> , 26, 101463	4.3	0
110	Facile synthesis and high-performance dielectric properties of polyethylene oxide-chitosan- iron oxide nano-composite for electrical applications. <i>Journal of Materials Research and Technology</i> , <b>2022</b> , 18, 2273-2281	5.5	0
109	Optical, structural, and electrical conductivity of PEO/chitosan incorporated by Se NPs produced by one-potential laser ablation. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2022</b> , 33, 12351	2.1	0
108	Improvement of mechanical and antibacterial features of hydroxyapatite/chromium oxide/graphene oxide nanocomposite for biomedical utilizations. <i>Surface and Coatings Technology</i> , <b>2022</b> , 440, 128476	4.4	1
107	Hydroxyapatite-based bio-ceramic of ternary nanocomposites containing cuprous oxide/graphene oxide for biomedical applications. <i>Diamond and Related Materials</i> , <b>2022</b> , 109121	3.5	0
106	Enhanced optical, electrical conductivity of polyvinyl pyrrolidone-polyethylene oxide incorporated by Fe2O3 NPs via laser ablation. <i>Optical Materials</i> , <b>2022</b> , 129, 112497	3.3	0
105	Tailoring modifications in the structural, optical, and electrical conductivity properties of poly vinyl pyrrolidone/chitosan doped with vanadium pentoxide nanoparticles using laser ablation technique. <i>Applied Physics A: Materials Science and Processing</i> , <b>2021</b> , 127, 1	2.6	4
104	Improvement in antibacterial activity of Poly Vinyl Pyrrolidone/Chitosan incorporated by graphene oxide NPs via laser ablation. <i>Journal of Polymer Research</i> , <b>2021</b> , 28, 1	2.7	3
103	Microstructure, morphology, Physico-chemical properties of nanocomposites containing hydroxyapatite/vivianite/graphene oxide for biomedical applications. <i>Luminescence</i> , <b>2021</b> ,	2.5	5
102	Morphological, ultrasonic mechanical and biological properties of hydroxyapatite layers deposited by pulsed laser deposition on alumina substrates. <i>Surface and Coatings Technology</i> , <b>2021</b> , 409, 126861	4.4	14

101	Crystal structure optimization, ultrasonic properties and morphology of Mg/Se co-dopant into annealed hydroxyapatite for biomedical applications. <i>Journal of Materials Research</i> , <b>2021</b> , 36, 1425-1436 <sup>2-5</sup>	6
100	Nanofibers of cellulose acetate containing ZnO nanoparticles/graphene oxide for wound healing applications. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 598, 120325	6.5 15
99	Preparation and Characterization of Nanofibrous Scaffolds of Ag/Vanadate Hydroxyapatite Encapsulated into Polycaprolactone: Morphology, Mechanical, and In Vitro Cells Adhesion. <i>Polymers</i> , <b>2021</b> , 13,	4.5 12
98	Biological response, antibacterial properties of ZrO/hydroxyapatite/graphene oxide encapsulated into nanofibrous scaffolds of polylactic acid for wound healing applications. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 601, 120517	6.5 6
97	Synthesis, Molecular Spectroscopic Analyses, and Computational Investigation Using DFT:B3LYP/LANL2DZ Calculations for PVC/PANI/GO Composite. <i>Journal of Electronic Materials</i> , <b>2021</b> , 50, 4741-4751	1.9 3
96	Fibrous scaffolds of Ag/Fe co-doped hydroxyapatite encapsulated into polycaprolactone: Morphology, mechanical and in vitro cell adhesion. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 601, 120557	6.5 7
95	Novel Green Synthesis of Zinc Oxide Nanoparticles Using Orange Waste and Its Thermal and Antibacterial Activity. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2021</b> , 31, 4250	3.2 13
94	Selective adsorption of cationic azo dyes onto zeolite nanorod-based membranes prepared via laser ablation. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2021</b> , 32, 19352-19367	2.1 5
93	Nanofibrous scaffolds of-polycaprolactone containing Sr/Se-hydroxyapatite/graphene oxide for tissue engineering applications. <i>Biomedical Materials (Bristol)</i> , <b>2021</b> , 16,	3.5 32
92	Enhanced corrosion resistance of plasma electrolytic oxidation coatings prepared on Mg alloy ZX using nano-Al <sub>2</sub> O <sub>3</sub> and NaF incorporated electrolyte. <i>Surface Engineering</i> , <b>2021</b> , 37, 246-252	2.6 8
91	Characterization and electrical enhancement of PVP/PVA matrix doped by gold nanoparticles prepared by laser ablation. <i>Radiation Physics and Chemistry</i> , <b>2021</b> , 179, 109195	2.5 24
90	Wound dressing properties of functionalized environmentally biopolymer loaded with selenium nanoparticles. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1225, 129138	3.4 33
89	Preparation of antibacterial film-based biopolymer embedded with vanadium oxide nanoparticles using one-pot laser ablation. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1225, 129163	3.4 17
88	Chitosan based-nanoparticles and nanocapsules: Overview, physicochemical features, applications of a nanofibrous scaffold, and bioprinting. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 167, 1176-1197	7.9 32
87	Polycaprolactone based electrospun matrices loaded with Ag/hydroxyapatite as wound dressings: Morphology, cell adhesion, and antibacterial activity. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 593, 120143	6.5 28
86	Taking Hydroxyapatite-Coated Titanium Implants Two Steps Forward: Surface Modification Using Graphene Mesolayers and a Hydroxyapatite-Reinforced Polymeric Scaffold. <i>ACS Biomaterials Science and Engineering</i> , <b>2021</b> , 7, 360-372	5.5 15
85	Electrospun nanofibrous membranes of cellulose acetate containing hydroxyapatite co-doped with Ag/Fe: morphological features, antibacterial activity and degradation of methylene blue in aqueous solution. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 9212-9220	3.6 17
84	Regulating the function of bismuth (III) oxide nanoparticles scattered in Chitosan/Poly (Vinyl Pyrrolidone) by laser ablation on electrical conductivity characterization and antimicrobial activity. <i>Journal of Materials Research and Technology</i> , <b>2021</b> , 10, 1348-1354	5.5 12

83	The degradation of methylene blue dye using copper-doped hydroxyapatite encapsulated into polycaprolactone nanofibrous membranes. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 16143-16154	3.6	4
82	Rb(I)/Se(IV) co-dopant into hydroxyapatite; their structural, morphological, and antibacterial effectiveness for biomedical applications. <i>Applied Physics A: Materials Science and Processing</i> , <b>2021</b> , 127, 1	2.6	4
81	Electrospun nanofibrous scaffolds of polycaprolactone containing graphene oxide and encapsulated with magnetite nanoparticles for wound healing utilizations. <i>Materials Research Express</i> , <b>2021</b> , 8, 025013	1.7	8
80	Nanofibrous polycaprolactone scaffolds containing Ag-doped magnetite nanoparticles: Physicochemical characterization and biological testing for wound dressing applications and. <i>Bioactive Materials</i> , <b>2021</b> , 6, 2070-2088	16.7	20
79	Structural, morphological features, and antibacterial behavior of PVA/PVP polymeric blends doped with silver nanoparticles via pulsed laser ablation. <i>Journal of Materials Research and Technology</i> , <b>2021</b> , 13, 291-300	5.5	6
78	Electrospun membranes of cellulose acetate/polyvinylidene difluoride containing Au/Se nanoparticles via laser ablation technique for methylene blue degradation. <i>Journal of Polymer Research</i> , <b>2021</b> , 28, 1	2.7	7
77	Investigation of structural, morphological and optical properties of co-doped gold/selenite-hydroxyapatite. <i>Applied Physics A: Materials Science and Processing</i> , <b>2021</b> , 127, 1	2.6	0
76	Morphological features and mechanical properties of nanofibers scaffolds of polylactic acid modified with hydroxyapatite/CdSe for wound healing applications. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 186, 897-908	7.9	13
75	Conditions adjustment of polycaprolactone nanofibers scaffolds encapsulated with core shells of Au@Se via laser ablation for wound healing applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2021</b> , 259, 119899	4.4	6
74	Morphological, structural and antibacterial behavior of eco-friendly of ZnO/TiO <sub>2</sub> nanocomposite synthesized via Hibiscus rosa-sinensis extract. <i>Journal of Materials Research and Technology</i> , <b>2021</b> , 15, 2213-2220	5.5	4
73	Ru-decorated gallium nitride nanotubes as chemical sensor for detection of purinethol drug: a density functional theory study. <i>Physica Scripta</i> , <b>2021</b> , 96, 125870	2.6	1
72	Core-shell Au@Se nanoparticles embedded in cellulose acetate/polyvinylidene fluoride scaffold for wound healing. <i>Journal of Materials Research and Technology</i> , <b>2020</b> , 9, 15045-15056	5.5	16
71	Enhancement the electrical conductivity of the synthesized polyvinylidene fluoride/polyvinyl chloride composite doped with palladium nanoparticles via laser ablation. <i>Journal of Materials Research and Technology</i> , <b>2020</b> , 9, 11178-11188	5.5	20
70	The role of Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> nanoparticles on enhancement the performance of PVDF/PVK blend for lithium-ion batteries. <i>Journal of Materials Research and Technology</i> , <b>2020</b> , 9, 5689-5698	5.5	38
69	Precipitation of silver nanoparticle within silicate glassy matrix via Nd:YAG laser for biomedical applications. <i>Radiation Physics and Chemistry</i> , <b>2020</b> , 174, 108958	2.5	28
68	Ag doped CuO thin film prepared via pulsed laser deposition for 4-nitrophenol degradation. <i>Journal of Environmental Chemical Engineering</i> , <b>2020</b> , 8, 104104	6.8	43
67	Wound healing activity of Chitosan/Polyvinyl Alcohol embedded by gold nanoparticles prepared by nanosecond laser ablation. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1217, 128401	3.4	66
66	Synthesis and antibacterial activity of graphene oxide decorated by silver and copper oxide nanoparticles. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1218, 128536	3.4	58

65	Laser-assisted for preparation ZnO/CdO thin film prepared by pulsed laser deposition for catalytic degradation. <i>Radiation Physics and Chemistry</i> , <b>2020</b> , 176, 109020	2.5	35
64	Bone bonding augmentation and synergetic attitude of gamma-irradiated modified borate bioglass. <i>Radiation Physics and Chemistry</i> , <b>2020</b> , 176, 109018	2.5	4
63	Au-doped carbonated hydroxyapatite sputtered on alumina scaffolds via pulsed laser deposition for biomedical applications. <i>Journal of Materials Research and Technology</i> , <b>2020</b> , 9, 8854-8866	5.5	48
62	Composition and design of nanofibrous scaffolds of Mg/Se- hydroxyapatite/graphene oxide @ Epolycaprolactone for wound healing applications. <i>Journal of Materials Research and Technology</i> , <b>2020</b> , 9, 7472-7485	5.5	37
61	Antibacterial activity of TiO <sub>2</sub> doped ZnO composite synthesized via laser ablation route for antimicrobial application. <i>Journal of Materials Research and Technology</i> , <b>2020</b> , 9, 9434-9441	5.5	52
60	Physical, electrochemical and biological evaluations of spin-coated Epolycaprolactone thin films containing alumina/graphene/carbonated hydroxyapatite/titania for tissue engineering applications. <i>International Journal of Pharmaceutics</i> , <b>2020</b> , 585, 119502	6.5	15
59	Gold nanoparticles doped Polyvinyl Alcohol/Chitosan blend via laser ablation for electrical conductivity enhancement. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1221, 128814	3.4	52
58	Empirical and theoretical insights into the structural effects of selenite doping in hydroxyapatite and the ensuing inhibition of osteoclasts. <i>Materials Science and Engineering C</i> , <b>2020</b> , 117, 111257	8.3	21
57	Methylene blue degradation under visible light of metallic nanoparticles scattered into graphene oxide using laser ablation technique in aqueous solutions. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 315, 113794	6	52
56	Pulsed laser ablation route assisted copper oxide nanoparticles doped in Polyethylene Oxide/Polyvinyl pyrrolidone blend for enhancement the electrical conductivity. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1207, 127807	3.4	50
55	Microstructural, morphological behavior and removal of Cr(VI) and Se(IV) from aqueous solutions by magnetite nanoparticles/PVA and cellulose acetate nanofibers. <i>Applied Physics A: Materials Science and Processing</i> , <b>2020</b> , 126, 1	2.6	47
54	Ultra-thin silver nanoparticles film prepared via pulsed laser deposition: Synthesis, characterization, and its catalytic activity on reduction of 4-nitrophenol. <i>Surfaces and Interfaces</i> , <b>2020</b> , 19, 100438	4.1	68
53	Gamma irradiated Hench's Bioglass and their derivatives Hench's Bioglass-ceramic for bone bonding efficiency. <i>Radiation Physics and Chemistry</i> , <b>2020</b> , 174, 108932	2.5	13
52	Nanosecond laser ablation assisted the enhancement of antibacterial activity of copper oxide nano particles embedded though Polyethylene Oxide/Polyvinyl pyrrolidone blend matrix. <i>Radiation Physics and Chemistry</i> , <b>2020</b> , 174, 108911	2.5	53
51	Impact of CuO doping on the properties of CdO thin films on the catalytic degradation by using pulsed-Laser deposition technique. <i>Optical Materials</i> , <b>2020</b> , 100, 109663	3.3	65
50	Effect of nanostructured metal oxides (CdO, Al <sub>2</sub> O <sub>3</sub> , Cu <sub>2</sub> O) embedded in PVA via Nd:YAG pulsed laser ablation on their optical and structural properties. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1203, 127374	3.4	60
49	Precipitation of Silver Nanoparticles in Borate Glasses by 1064 nm Nd:YAG Nanosecond Laser Pulses: Characterization and Dielectric Studies. <i>Journal of Electronic Materials</i> , <b>2020</b> , 49, 826-832	1.9	41
48	Manipulation of AgNPs coated on selenium/carbonated hydroxyapatite/Epolycaprolactone nano-fibrous via pulsed laser deposition for wound healing applications. <i>Applied Surface Science</i> , <b>2020</b> , 508, 145299	6.7	102



47	Synthesis, characterization, and evaluation of antimicrobial activity of novel Chitosan/Tigecycline composite. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 147, 194-199	7.9	65
46	One-Pot Pulsed Laser Ablation route assisted copper oxide nanoparticles doped in PEO/PVP blend for the electrical conductivity enhancement. <i>Journal of Materials Research and Technology</i> , <b>2020</b> , 9, 2412-2422	5.5	60
45	Gold as a dopant in selenium-containing carbonated hydroxyapatite fillers of nanofibrous Epolycaprolactone scaffolds for tissue engineering. <i>International Journal of Pharmaceutics</i> , <b>2020</b> , 577, 118950	6.5	64
44	Pulsed laser ablated zeolite nanoparticles: A novel nano-catalyst for the synthesis of 1,8-dioxo-octahydroxanthene and N-aryl-1,8-dioxodecahydroacridine with molecular docking validation. <i>Applied Organometallic Chemistry</i> , <b>2020</b> , 34, e5250	3.1	20
43	Femtosecond laser ablation-assisted synthesis of silver nanoparticles in organic and inorganic liquids medium and their antibacterial efficiency. <i>Radiation Physics and Chemistry</i> , <b>2020</b> , 168, 108616	2.5	72
42	Casted polymeric blends of carboxymethyl cellulose/polyvinyl alcohol doped with gold nanoparticles via pulsed laser ablation technique; morphological features, optical and electrical investigation. <i>Radiation Physics and Chemistry</i> , <b>2020</b> , 177, 109155	2.5	30
41	Pb(II) and Cd(II) removal, mechanical and morphological features of nanofibrous membranes of cellulose acetate containing fillers of hydroxyapatite, graphene oxide, and magnetite. <i>Applied Physics A: Materials Science and Processing</i> , <b>2020</b> , 126, 1	2.6	6
40	Differentiation between cellulose acetate and polyvinyl alcohol nanofibrous scaffolds containing magnetite nanoparticles/graphene oxide via pulsed laser ablation technique for tissue engineering applications. <i>Journal of Materials Research and Technology</i> , <b>2020</b> , 9, 11629-11640	5.5	27
39	Physical characterization and antibacterial activity of PVA/Chitosan matrix doped by selenium nanoparticles prepared via one-pot laser ablation route. <i>Journal of Materials Research and Technology</i> , <b>2020</b> , 9, 9598-9606	5.5	45
38	Pulsed Nd:YAG laser deposition-assisted synthesis of silver/copper oxide nanocomposite thin film for 4-nitrophenol reduction. <i>Radiation Physics and Chemistry</i> , <b>2020</b> , 177, 109112	2.5	10
37	Investigation of Electrical Conductivity of Gold Nanoparticles Scattered in Polyvinylidene Fluoride/Polyvinyl Chloride via Laser Ablation for Electrical Applications. <i>Journal of Electronic Materials</i> , <b>2020</b> , 49, 7603-7608	1.9	17
36	Nd:YAG Nanosecond Laser Pulses for Precipitation Silver Nanoparticles in Silicate Glasses: AC Conductivity and Dielectric Studies. <i>Silicon</i> , <b>2020</b> , 12, 13-20	2.4	44
35	Polyvinyl Alcohol/Silver nanoparticles film prepared via pulsed laser ablation: An eco-friendly nano-catalyst for 4-nitrophenol degradation. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1212, 128125	3.4	52
34	Silver and copper oxide nanoparticles-decorated graphene oxide via pulsed laser ablation technique: Preparation, characterization, and photoactivated antibacterial activity. <i>Nano Structures Nano Objects</i> , <b>2020</b> , 22, 100464	5.6	76
33	Blend biopolymeric nanofibrous scaffolds of cellulose acetate/Epolycaprolactone containing metallic nanoparticles prepared by laser ablation for wound disinfection applications. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 155, 636-644	7.9	71
32	Tuning the mechanical, microstructural, and cell adhesion properties of electrospun Epolycaprolactone microfibers by doping selenium-containing carbonated hydroxyapatite as a reinforcing agent with magnesium ions. <i>Journal of Materials Science</i> , <b>2019</b> , 54, 14524-14544	4.3	41
31	Different time's Nd:YAG laser-irradiated PVA/Ag nanocomposites: structural, optical, and electrical characterization. <i>Journal of Materials Research and Technology</i> , <b>2019</b> , 8, 1944-1951	5.5	81
30	Precipitation of silver nanoparticles in silicate glasses via Nd:YAG nanosecond laser and its characterization. <i>Journal of Non-Crystalline Solids</i> , <b>2019</b> , 513, 49-54	3.9	52

29	Nanosecond Laser Irradiation as New Route for Silver Nanoparticles Precipitation in Glassy Matrix. <i>Silicon</i> , <b>2019</b> , 11, 377-381	2.4	43
28	Synthesis, characterization and antimicrobial activity of Chitosan/Polyvinyl Alcohol blend doped with Hibiscus Sabdariffa L. extract. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1197, 603-609	3.4	78
27	The influence of calcination temperature on structural and antimicrobial characteristics of zinc oxide nanoparticles synthesized by Sol-Gel method. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1196, 332-337	3.4	91
26	Green Synthesis of High Impact Zinc Oxide Nanoparticles. <i>Egyptian Journal of Chemistry</i> , <b>2019</b> , 62, 4-8	2	56
25	Structural, mechanical and thermal features of Bi and Sr co-substituted hydroxyapatite. <i>Journal of Materials Science</i> , <b>2019</b> , 54, 1977-1991	4.3	61
24	Nanosecond laser-irradiation assisted the improvement of structural, optical and thermal properties of polyvinyl pyrrolidone/carboxymethyl cellulose blend filled with gold nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2019</b> , 30, 2693-2705	2.1	68
23	Compatibility and Bone Bonding Efficiency of Gamma Irradiated Hench Bioglass. <i>Silicon</i> , <b>2018</b> , 10, 1533-1541	1.4	12
22	Structure and cell viability of Pd substituted hydroxyapatite nano particles. <i>Biomedical Physics and Engineering Express</i> , <b>2018</b> , 4, 045008	1.5	67
21	Nanosecond Pulsed Laser Ablation in Liquids as New Route for Preparing Polyvinyl Carbazole/Silver Nanoparticles Composite: Spectroscopic and Thermal Studies. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2018</b> , 28, 2564-2571	3.2	56
20	Physico-mechanical and morphological features of zirconia substituted hydroxyapatite nano crystals. <i>Scientific Reports</i> , <b>2017</b> , 7, 43202	4.9	109
19	Physico-mechanical properties of Mg and Ag doped hydroxyapatite/chitosan biocomposites. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 13773-13783	3.6	78
18	Tailoring the structure of biphasic calcium phosphate via synthesis procedure. <i>Materials Research Express</i> , <b>2017</b> , 4, 125015	1.7	43
17	Effect of preparation conditions on the nanostructure of hydroxyapatite and brushite phases. <i>Applied Nanoscience (Switzerland)</i> , <b>2016</b> , 6, 991-1000	3.3	55
16	Synthesis and characterization of PVK/AgNPs nanocomposites prepared by laser ablation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 138, 331-9	4.4	62
15	Nanocomposite of PVA/PVP blend incorporated by copper oxide nanoparticles via nanosecond laser ablation for antibacterial activity enhancement. <i>Polymer Bulletin</i> , 1	2.4	1
14	Nanoarchitectonics of Hydroxyapatite/Molybdenum Trioxide/Graphene Oxide Composite for Efficient Antibacterial Activity. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 1	3.2	3
13	Tailoring combinations of hydroxyapatite/cadmium selenite/graphene oxide based on their structure, morphology, and antibacterial activity. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 1	3.2	1
12	Nanofibers of polycaprolactone containing hydroxyapatite doped with aluminum/vanadate ions for wound healing applications. <i>New Journal of Chemistry</i> ,	3.6	6

11	Electrospun Polycaprolactone Nanofibrous Webs Containing CuMagnetite/Graphene Oxide for Cell Viability, Antibacterial Performance, and Dye Decolorization from Aqueous Solutions. <i>Arabian Journal for Science and Engineering</i> ,1	2.5	6
10	Hydroxyapatite and Er <sub>2</sub> O <sub>3</sub> are embedded within graphene oxide nanosheets for high improvement of their hardness and biological responses. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> ,1	3.2	0
9	One-Pot Pulsed Laser Ablation Route Assisted Molybdenum Trioxide Nano-Belts Doped in PVA/CMC Blend for the Optical and Electrical Properties Enhancement. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> ,1	3.2	1
8	Enhanced Electrical Conductivity and Dielectric Performance of Ternary Nanocomposite Film of PEMA/PS/Silver NPs Synthesized by Laser Ablation. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> ,1	3.2	1
7	Hybrid Nanocomposites of Hydroxyapatite, Eu <sub>2</sub> O <sub>3</sub> , Graphene Oxide Via Ultrasonic Power: Microstructure, Morphology Design and Antibacterial for Biomedical Applications. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> ,1	3.2	
6	DNA Nucleobase Interaction with Silicon Carbide Nanosheet. <i>Silicon</i> ,1	2.4	0
5	Optical, Structural, Electrical Characterization of (Polyvinyl Alcohol/Carboxymethyl Cellulose-Manganese Dioxide) Nanocomposite Fabricated via Laser Ablation. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> ,1	3.2	0
4	Selective detection of sulfur trioxide in the presence of environmental gases by AlN nanotube. <i>Journal of Sulfur Chemistry</i> ,1-14	2.3	0
3	Modification and development of the optical, structural, thermal and electrical characterization of Chitosan incorporated with Au/Bi <sub>2</sub> O <sub>3</sub> /Mo NPs fabricated by laser ablation. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> ,1	3.2	0
2	Bimetallic Nanocomposite of Gold/Silver Scattered in Chitosan via Laser Ablation for Electrical and Antibacterial Utilization. <i>Journal of Electronic Materials</i> ,1	1.9	1
1	Improvement of Medical Applicability of Hydroxyapatite/Antimonous Oxide/Graphene Oxide Mixed Systems for Biomedical Application. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> ,1	3.2	0