

# Meisam Omid

## List of Publications by Year in descending order

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Version: 2024-02-01

217  
papers

6,811  
citations

61687

45  
h-index

107981

68  
g-index

221  
all docs

221  
docs citations

221  
times ranked

9545  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of thymoquinone-loaded lipid-polymer nanoparticles as an oral delivery system on anticancer efficiency of doxorubicin. <i>Journal of Nanostructure in Chemistry</i> , 2022, 12, 33-44.	5.3	17
2	Novel hybrid scaffold for improving the wound repair process: evaluation of combined chitosan/eggshell/vitamin D scaffold for wound healing. <i>Polymer Bulletin</i> , 2022, 79, 3971-3986.	1.7	2
3	In-silico study on viability of MXenes in suppressing the coronavirus infection and distribution. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 11460-11466.	2.0	6
4	In vivo efficacy of 3D-printed elastin-gelatin-hyaluronic acid scaffolds for regeneration of nasal septal cartilage defects. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2022, 110, 614-624.	1.6	14
5	An electrochemical aptasensor for detection of prostate-specific antigen using reduced graphene gold nanocomposite and Cu/carbon quantum dots. <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 2102-2111.	1.4	20
6	Atomistic insight into 2D COFs as antiviral agents against SARS-CoV-2. <i>Materials Chemistry and Physics</i> , 2022, 276, 125382.	2.0	3
7	Molecular pathways involved in COVID-19 and potential pathway-based therapeutic targets. <i>Biomedicine and Pharmacotherapy</i> , 2022, 145, 112420.	2.5	78
8	The feasibility of injectable PRF (I-PRF) for bone tissue engineering and its application in oral and maxillofacial reconstruction: From bench to chairside. <i>Materials Science and Engineering C</i> , 2022, 134, 112557.	3.8	11
9	Cu-CDs as dual optical and electrochemical nanosensor for I <sup>2</sup> ME detection. <i>Surfaces and Interfaces</i> , 2022, 29, 101710.	1.5	5
10	Oral mucosa equivalents, prevascularization approaches, and potential applications. <i>Connective Tissue Research</i> , 2022, 63, 514-529.	1.1	6
11	Preparation and characterization of TiO <sub>2</sub> -coated polymerization of methyl methacrylate (PMMA) for biomedical applications: In vitro study. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2022, 17, .	0.8	3
12	The adjunctive effect of autologous platelet concentrates on orthodontic tooth movement: A systematic review and meta-analysis of current randomized controlled trials. <i>International Orthodontics</i> , 2022, 20, 100596.	0.6	15
13	Development of a modular reinforced bone tissue engineering scaffold with enhanced mechanical properties. <i>Materials Letters</i> , 2022, 318, 132170.	1.3	2
14	The application of injectable platelet-rich fibrin in regenerative dentistry: A systematic scoping review of In vitro and In vivo studies. <i>Japanese Dental Science Review</i> , 2022, 58, 89-123.	2.0	21
15	Culture and maintenance of neural progressive cells on cellulose acetate/graphene-gold nanocomposites. <i>International Journal of Biological Macromolecules</i> , 2022, 210, 63-75.	3.6	5
16	Recent advances and challenges in graphene-based nanocomposite scaffolds for tissue engineering application. <i>Journal of Biomedical Materials Research - Part A</i> , 2022, 110, 1695-1721.	2.1	15
17	Microfluidic-assisted fabrication of reverse micelle/PLGA hybrid microspheres for sustained vascular endothelial growth factor delivery. <i>Biotechnology and Applied Biochemistry</i> , 2021, 68, 616-625.	1.4	7
18	Recent developments in targeting genes and pathways by RNAi-based approaches in colorectal cancer. <i>Medicinal Research Reviews</i> , 2021, 41, 395-434.	5.0	12

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19	Simultaneous selective enrichment of methylparaben, propylparaben, and butylparaben from cosmetics samples based on syringe-to-syringe magnetic fluid phase microextraction. <i>Talanta</i> , 2021, 221, 121547.	2.9	30
20	Theranostic applications of stimulus-responsive systems based on carbon dots. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 117-130.	1.8	4
21	Assessment of pH Responsive Delivery of Methotrexate Based on PHEMA-st-PEG-DA Nanohydrogels. <i>Macromolecular Research</i> , 2021, 29, 54-61.	1.0	19
22	Human Bone Marrow Mesenchymal Stromal Cells Attenuate Tissue Injury and Reduce Inflammation in Experimental Acute Pancreatitis. <i>Advanced Pharmaceutical Bulletin</i> , 2021, , .	0.6	1
23	Comparison of osteogenic differentiation potential of induced pluripotent stem cells and buccal fat pad stem cells on 3D-printed HA/β <sub>2</sub> -TCP collagen-coated scaffolds. <i>Cell and Tissue Research</i> , 2021, 384, 403-421.	1.5	13
24	Surface Modification of Graphene and its Derivatives for Drug Delivery Systems. <i>Mini-Reviews in Organic Chemistry</i> , 2021, 18, 78-92.	0.6	11
25	Synergistic Effects of Graphene Oxide and Vascular Endothelial Growth Factor Immobilized in Polycaprolactone Nanofiber as a Candidate for Diabetic Wound Healing. <i>Journal of Advances in Medical and Biomedical Research</i> , 2021, 29, 152-160.	0.1	0
26	Synthesis of a novel nanocomposite containing chitosan as a three-dimensional printed wound dressing technique: Emphasis on gene expression. <i>Biotechnology Progress</i> , 2021, 37, e3132.	1.3	27
27	Molecular insight into optimizing the N- and P-doped fullerenes for urea removal in wearable artificial kidneys. <i>Journal of Materials Science: Materials in Medicine</i> , 2021, 32, 49.	1.7	3
28	Fabrication, Rheological, and Compositional Characterization of Thermoresponsive Hydrogel from Cornea. <i>Tissue Engineering - Part C: Methods</i> , 2021, 27, 307-321.	1.1	12
29	Impact of Lipid/Magnesium Hydroxide Hybrid Nanoparticles on the Stability of Vascular Endothelial Growth Factor-Loaded PLGA Microspheres. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 24370-24384.	4.0	6
30	Vascularization strategies in tissue engineering approaches for soft tissue repair. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2021, 15, 747-762.	1.3	40
31	3D bioprinting for in vitro models of oral cancer: Toward development and validation. <i>Bioprinting</i> , 2021, 22, e00132.	2.9	11
32	Synthesis and characterization of bacterial cellulose/graphene oxide nano-biocomposites. <i>Polymer Composites</i> , 2021, 42, 4698-4706.	2.3	17
33	In-situ porcine corneal matrix hydrogel as ocular surface bandage. <i>Ocular Surface</i> , 2021, 21, 27-36.	2.2	20
34	Experimental and Computational Study on the Microfluidic Control of Micellar Nanocarrier Properties. <i>ACS Omega</i> , 2021, 6, 23117-23128.	1.6	4
35	Ultra pH-sensitive detection of total and free prostate-specific antigen using electrochemical aptasensor based on reduced graphene oxide/gold nanoparticles emphasis on TiO <sub>2</sub> /carbon quantum dots as a redox probe. <i>Engineering in Life Sciences</i> , 2021, 21, 739-752.	2.0	28
36	Highly selective magnetic dual template molecularly imprinted polymer for simultaneous enrichment of sulfadiazine and sulfathiazole from milk samples based on syringe-to-syringe magnetic solid-phase microextraction. <i>Talanta</i> , 2021, 232, 122449.	2.9	39

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37	Osteo-mucosal engineered construct: In situ adhesion of hard-soft tissues. <i>Materials Science and Engineering C</i> , 2021, 128, 112255.	3.8	9
38	Polylactic Acid Piezo-Biopolymers: Chemistry, Structural Evolution, Fabrication Methods, and Tissue Engineering Applications. <i>Journal of Functional Biomaterials</i> , 2021, 12, 71.	1.8	25
39	A ferrofluidic hydrophobic deep eutectic solvent for the extraction of doxycycline from urine, blood plasma and milk samples prior to its determination by high-performance liquid chromatography-ultraviolet. <i>Journal of Chromatography A</i> , 2020, 1613, 460695.	1.8	66
40	Polyvinyl alcohol modified polyvinylidene fluoride-graphene oxide scaffold promotes osteogenic differentiation potential of human induced pluripotent stem cells. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 3185-3196.	1.2	23
41	Critical-sized bone defects regeneration using a bone-inspired 3D bilayer collagen membrane in combination with leukocyte and platelet-rich fibrin membrane (L-PRF): An in vivo study. <i>Tissue and Cell</i> , 2020, 63, 101326.	1.0	7
42	Polymeric scaffolds for dental pulp tissue engineering: A review. <i>Dental Materials</i> , 2020, 36, e47-e58.	1.6	65
43	Isolation and Identification of Current Biosurfactant-Producing <i>Microbacterium maritopicum</i> ABR5 as a Candidate for Oily Sludge Recovery. <i>Journal of Surfactants and Detergents</i> , 2020, 23, 137-144.	1.0	12
44	Shedding light on the role of keratinocyte-derived extracellular vesicles on skin-homing cells. <i>Stem Cell Research and Therapy</i> , 2020, 11, 421.	2.4	15
45	A Review on the Biodistribution, Pharmacokinetics and Toxicity of Bismuth-Based Nanomaterials. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 7079-7096.	3.3	23
46	Synthesis of novel reducing agent for formation of metronidazole-capped silver nanoparticle and evaluating antibacterial efficiency in gram-positive and gram-negative bacteria. <i>Heliyon</i> , 2020, 6, e04747.	1.4	20
47	Fibroblast encapsulation in gelatin methacryloyl (GelMA) versus collagen hydrogel as substrates for oral mucosa tissue engineering. <i>Journal of Oral Biology and Craniofacial Research</i> , 2020, 10, 573-577.	0.8	26
48	A tri-component knee plug for the 3rd generation of autologous chondrocyte implantation. <i>Scientific Reports</i> , 2020, 10, 17048.	1.6	4
49	3D construct of hydroxyapatite/zinc oxide/palladium nanocomposite scaffold for bone tissue engineering. <i>Journal of Materials Science: Materials in Medicine</i> , 2020, 31, 85.	1.7	17
50	Microfluidic fabrication of microcarriers with sequential delivery of VEGF and BMP-2 for bone regeneration. <i>Scientific Reports</i> , 2020, 10, 11764.	1.6	29
51	Recent Advances in Designing 5-Fluorouracil Delivery Systems: A Stepping Stone in the Safe Treatment of Colorectal Cancer. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 5445-5458.	3.3	102
52	Aptamer-conjugated PLGA nanoparticles for delivery and imaging of cancer therapeutic drugs. <i>Archives of Biochemistry and Biophysics</i> , 2020, 691, 108485.	1.4	47
53	Nano-hydroxyapatite and nano-hydroxyapatite/zinc oxide scaffold for bone tissue engineering application. <i>International Journal of Applied Ceramic Technology</i> , 2020, 17, 2752-2761.	1.1	25
54	Graphite/gold nanoparticles electrode for direct protein attachment: characterization and gas sensing application. <i>Environmental Science and Pollution Research</i> , 2020, 27, 43202-43211.	2.7	2

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55	Bone tissue engineering gelatin-hydroxyapatite/graphene oxide scaffolds with the ability to release vitamin D: fabrication, characterization, and in vitro study. <i>Journal of Materials Science: Materials in Medicine</i> , 2020, 31, 97.	1.7	35
56	Chitosan/carbon quantum dot/aptamer complex as a potential anticancer drug delivery system towards the release of 5-fluorouracil. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 1422-1430.	3.6	116
57	An electrochemical sandwich immunosensor of vascular endothelial growth factor based on reduced graphene oxide/gold nanoparticle composites. <i>Microchemical Journal</i> , 2020, 159, 105476.	2.3	32
58	Biomaterials in Valvular Heart Diseases. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 529244.	2.0	20
59	Curcumin-loaded naturally-based nanofibers as active wound dressing mats: morphology, drug release, cell proliferation, and cell adhesion studies. <i>New Journal of Chemistry</i> , 2020, 44, 10343-10351.	1.4	75
60	Biomedical Applications of TiO <sub>2</sub> Nanostructures: Recent Advances. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 3447-3470.	3.3	211
61	Evaluation of mechanical and biocompatibility properties of hydroxyapatite/manganese dioxide nanocomposite scaffolds for bone tissue engineering application. <i>International Journal of Applied Ceramic Technology</i> , 2020, 17, 2439-2449.	1.1	10
62	Development of a novel carboxamide-based off-on switch fluorescence sensor: Hg <sup>2+</sup> , Zn <sup>2+</sup> and Cd <sup>2+</sup> . <i>New Journal of Chemistry</i> , 2020, 44, 11841-11852.	1.4	21
63	Aptamer Hybrid Nanocomplexes as Targeting Components for Antibiotic/Gene Delivery Systems and Diagnostics: A Review. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 4237-4256.	3.3	28
64	Biodegradable Magnesium Bone Implants Coated with a Novel Bioceramic Nanocomposite. <i>Materials</i> , 2020, 13, 1315.	1.3	36
65	Three-Dimensional <i>In Vitro</i> Oral Mucosa Models of Fungal and Bacterial Infections. <i>Tissue Engineering - Part B: Reviews</i> , 2020, 26, 443-460.	2.5	16
66	Bismuth-Based Nanomaterials: Recent Advances in Tumor Targeting and Synergistic Cancer Therapy Techniques. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901695.	3.9	39
67	Adoptive Treg cell-based immunotherapy: Frontier therapeutic aspects in rheumatoid arthritis. <i>Immunotherapy</i> , 2020, 12, 933-946.	1.0	5
68	Burgeoning Polymer Nano Blends for Improved Controlled Drug Release: A Review. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 4363-4392.	3.3	76
69	Graphene-based materials in drug delivery and growth factor release: A critical review. <i>Wound Medicine</i> , 2020, 31, 100193.	2.7	8
70	Electrical and mechanical properties of BZT-BCT lead-free piezoceramics. <i>International Journal of Applied Ceramic Technology</i> , 2020, 17, 1891-1898.	1.1	9
71	In vitro and in vivo effects of concentrated growth factor on cells and tissues. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 1338-1350.	2.1	40
72	Mechanistic Assessment of Functionalized Mesoporous Silica-Mediated Insulin Fibrillation. <i>Journal of Physical Chemistry B</i> , 2020, 124, 1637-1652.	1.2	10

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73	Role of iron on physical and mechanical properties of brushite cements, and interaction with human dental pulp stem cells. <i>Ceramics International</i> , 2020, 46, 11905-11912.	2.3	6
74	Vibrational and sonochemical characterization of ultrasonic endodontic activating devices for translation to clinical efficacy. <i>Materials Science and Engineering C</i> , 2020, 109, 110646.	3.8	5
75	&lt;p&gt;Biomedical Applications of Zeolitic Nanoparticles, with an Emphasis on Medical Interventions&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 363-386.	3.3	34
76	Magnetic dual-template molecularly imprinted polymer based on syringe-to-syringe magnetic solid-phase microextraction for selective enrichment of p-Coumaric acid and ferulic acid from pomegranate, grape, and orange samples. <i>Food Chemistry</i> , 2020, 325, 126902.	4.2	30
77	Synthesis and characterization of 3D-printed functionally graded porous titanium alloy. <i>Journal of Materials Science</i> , 2020, 55, 9082-9094.	1.7	21
78	Three-dimensional bio-printing and bone tissue engineering: technical innovations and potential applications in maxillofacial reconstructive surgery. <i>Maxillofacial Plastic and Reconstructive Surgery</i> , 2020, 42, 18.	0.7	65
79	Hydrogen Peroxide Preconditioning Promotes Protective Effects of Umbilical Cord Vein Mesenchymal Stem Cells in Experimental Pulmonary Fibrosis. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 72-80.	0.6	17
80	Effect of Hypoxia Preconditioned Adipose-Derived Mesenchymal Stem Cell Conditioned Medium on Cerulein-Induced Acute Pancreatitis in Mice. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 297-306.	0.6	12
81	A new phantom to evaluate the tissue dissolution ability of endodontic irrigants and activating devices. <i>Restorative Dentistry &amp; Endodontics</i> , 2020, 45, e45.	0.6	0
82	Osteogenic Differentiation Potential of Adipose-Derived Mesenchymal Stem Cells Cultured on Magnesium Oxide/Polycaprolactone Nanofibrous Scaffolds for Improving Bone Tissue Reconstruction. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 12, 142-154.	0.6	9
83	Effect of sodium chloride on gene expression of <i>Streptococcus mutans</i> and zeta potential of demineralized dentin. <i>Journal of Oral Biology and Craniofacial Research</i> , 2019, 9, 1-4.	0.8	2
84	Biomaterials Evaluation: Conceptual Refinements and Practical Reforms. <i>Therapeutic Innovation and Regulatory Science</i> , 2019, 53, 120-127.	0.8	20
85	Evaluation of L929 cell morphology on Anthocyanin-containing gelatin-based hydrogel for early detection of infection. <i>Bio-Design and Manufacturing</i> , 2019, 2, 181-186.	3.9	6
86	Synthesis and application of Ce-doped TiO <sub>2</sub> nanoparticles loaded on activated carbon for ultrasound-assisted adsorption of Basic Red 46 dye. <i>Ultrasonics Sonochemistry</i> , 2019, 58, 104702.	3.8	78
87	Antagonistic effect of co-exposure to short-multiwalled carbon nanotubes and benzo[a]pyrene in human lung cells (A549). <i>Toxicology and Industrial Health</i> , 2019, 35, 445-456.	0.6	1
88	Bottom-up synthesis of nitrogen and oxygen co-decorated carbon quantum dots with enhanced DNA plasmid expression. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 184, 110543.	2.5	25
89	Design of a new 3D-printed joint plug. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2019, 14, e2360.	0.8	1
90	&lt;p&gt;EDTA-modified mesoporous silica as supra adsorbent of copper ions with novel approach as an antidote agent in copper toxicity&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 7781-7792.	3.3	20

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91	&lt;p&gt;Temperature and pH-responsive nano-hydrogel drug delivery system based on lysine-modified poly (vinylcaprolactam)&lt;/p&gt;. International Journal of Nanomedicine, 2019, Volume 14, 6901-6915.	3.3	54
92	Carbon Quantum Dots in Nanobiotechnology. Advanced Structured Materials, 2019, , 145-179.	0.3	17
93	Novel microfluidic graphene oxide&quot;protein amperometric biosensor for detecting sulfur compounds. Biotechnology and Applied Biochemistry, 2019, 66, 353-360.	1.4	3
94	An electrochemical biosensor for prostate cancer biomarker detection using graphene oxide&quot;gold nanostructures. Engineering in Life Sciences, 2019, 19, 206-216.	2.0	71
95	Effects of dental composite resin monomers on dental pulp cells. Dental Materials Journal, 2019, 38, 579-583.	0.8	24
96	Challenges in Three-Dimensional Printing of Bone Substitutes. Tissue Engineering - Part B: Reviews, 2019, 25, 387-397.	2.5	18
97	Mathematical modeling of drug release from biodegradable polymeric microneedles. Bio-Design and Manufacturing, 2019, 2, 96-107.	3.9	23
98	Self-assembling of graphene oxide on carbon quantum dot loaded liposomes. Materials Science and Engineering C, 2019, 103, 109860.	3.8	9
99	Graphene oxide&lt;sup> </sup>&lt;/sup>arginine nanogel: A pH&lt;sup> </sup>-sensitive fluorouracil nanocarrier. Biotechnology and Applied Biochemistry, 2019, 66, 772-780.	1.4	23
100	Stimulus-responsive polymeric nanogels as smart drug delivery systems. Acta Biomaterialia, 2019, 92, 1-18.	4.1	255
101	Bicyclic peptides: types, synthesis and applications. Drug Discovery Today, 2019, 24, 1311-1319.	3.2	34
102	Enhancing cell seeding and osteogenesis of MSCs on 3D printed scaffolds through injectable BMP2 immobilized ECM-Mimetic gel. Dental Materials, 2019, 35, 990-1006.	1.6	48
103	Egg shell-derived calcium phosphate/carbon dot nanofibrous scaffolds for bone tissue engineering: Fabrication and characterization. Materials Science and Engineering C, 2019, 100, 564-575.	3.8	57
104	Individual and combined toxicity of carboxylic acid functionalized multi-walled carbon nanotubes and benzo a pyrene in lung adenocarcinoma cells. Environmental Science and Pollution Research, 2019, 26, 12709-12719.	2.7	17
105	&lt;p&gt;Culture of dental pulp stem cells on nanoporous alumina substrates modified by carbon nanotubes&lt;/p&gt;. International Journal of Nanomedicine, 2019, Volume 14, 1907-1918.	3.3	10
106	Gene therapy in rheumatoid arthritis: Strategies to select therapeutic genes. Journal of Cellular Physiology, 2019, 234, 16913-16924.	2.0	12
107	Matrix Metalloproteinases and Temporomandibular Joint Disorder: A Review of the Literature. Applied Sciences (Switzerland), 2019, 9, 4508.	1.3	1
108	A glassy carbon electrode modified with reduced graphene oxide and gold nanoparticles for electrochemical aptasensing of lipopolysaccharides from Escherichia coli bacteria. Mikrochimica Acta, 2019, 186, 787.	2.5	74

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109	Biomodification of a Class-V Restorative Material by Incorporation of Bioactive Agents. <i>Dentistry Journal</i> , 2019, 7, 110.	0.9	7
110	Microfluidic synthesis of PLGA/carbon quantum dot microspheres for vascular endothelial growth factor delivery. <i>RSC Advances</i> , 2019, 9, 33246-33256.	1.7	16
111	Ankylosing spondylitis and mesenchymal stromal/stem cell therapy: a new therapeutic approach. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 1196-1205.	2.5	31
112	Applications of 3D printing on craniofacial bone repair: A systematic review. <i>Journal of Dentistry</i> , 2019, 80, 1-14.	1.7	103
113	Immunohistochemical analysis of IL-1 Receptor 1 in the discs of patients with temporomandibular joint dysfunction. <i>Cranio - Journal of Craniomandibular Practice</i> , 2019, 37, 175-180.	0.6	3
114	Combined toxicity of multi-walled carbon nanotubes and benzo [a] pyrene in human epithelial lung cells. <i>Toxin Reviews</i> , 2019, 38, 212-222.	1.5	5
115	Immunohistochemical expression of TLR-4 in temporomandibular joint dysfunction. <i>Cranio - Journal of Craniomandibular Practice</i> , 2019, 37, 323-328.	0.6	4
116	Effects of electronic cigarette liquid on monolayer and 3D tissue-engineered models of human gingival mucosa. <i>Journal of Advanced Periodontology &amp; Implant Dentistry</i> , 2019, 11, 54-62.	0.2	6
117	Antibacterial Properties of Graphene Based Nanomaterials: An Emphasis on Molecular Mechanisms, Surface Engineering and Size of Sheets. <i>Mini-Reviews in Organic Chemistry</i> , 2019, 16, 159-172.	0.6	13
118	Poly(lactic-co-glycolic acid)(PLGA)/TiO <sub>2</sub> nanotube bioactive composite as a novel scaffold for bone tissue engineering: In vitro and in vivo studies. <i>Biologicals</i> , 2018, 53, 51-62.	0.5	48
119	Immunological compatibility status of placenta-derived stem cells is mediated by scaffold 3D structure. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 876-884.	1.9	5
120	Amniotic membrane and its epithelial and mesenchymal stem cells as an appropriate source for skin tissue engineering and regenerative medicine. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 431-440.	1.9	97
121	<i>In vitro</i> effect of graphene structures as an osteoinductive factor in bone tissue engineering: A systematic review. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 2284-2343.	2.1	56
122	Decorative reduced graphene oxide/C <sub>3</sub> N <sub>4</sub> /Ag <sub>2</sub> O/conductive polymer as a high performance material for electrochemical capacitors. <i>Applied Surface Science</i> , 2018, 447, 374-380.	3.1	23
123	3D printed tissue engineered model for bone invasion of oral cancer. <i>Tissue and Cell</i> , 2018, 52, 71-77.	1.0	43
124	Nanomagnetic-mediated drug delivery for the treatment of dental disease. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 919-927.	1.7	21
125	Nano-graphene oxide and vitamin D delivery. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	1
126	Graphene oxide/silver nanohybrid: Optimization, antibacterial activity and its impregnation on bacterial cellulose as a potential wound dressing based on GO/Ag nanocomposite-coated BC. <i>Engineering in Life Sciences</i> , 2018, 18, 298-307.	2.0	54



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127	Using Enamel Matrix Derivative to Improve Treatment Efficacy in Periodontal Furcation Defects. Journal of Prosthodontics, 2018, 27, 733-736.	1.7	13
128	DBT desulfurization by decorating bacteria using modified carbon nanotube. Fuel, 2018, 216, 787-795.	3.4	30
129	UV irradiation- $H_2O_2$ system as an effective combined depolymerization technique to produce. Bio-Design and Manufacturing, 2018, 1, 62-68.	3.9	8
130	Early diagnosis of disease using microbead array technology: A review. Analytica Chimica Acta, 2018, 1032, 1-17.	2.6	55
131	Dextran hydrogels incorporated with bioactive glass-ceramic: Nanocomposite scaffolds for bone tissue engineering. Carbohydrate Polymers, 2018, 190, 281-294.	5.1	71
132	Preparation of natural chitosan from shrimp shell with different deacetylation degree. Materials Research Innovations, 2018, 22, 177-181.	1.0	18
133	Evaluation of the in vitro biodegradation and biological behavior of poly(lactic-co-glycolic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 1 Journal of Bioactive and Compatible Polymers, 2018, 33, 146-159.	0.8	6
134	Electrosynthesis and characterization of poly aniline/garnet nanoparticles for high-performance electrochemical capacitors. Ionics, 2018, 24, 505-511.	1.2	7
135	Collagenous matrix supported by a 3D-printed scaffold for osteogenic differentiation of dental pulp cells. Dental Materials, 2018, 34, 209-220.	1.6	26
136	Development of electrochemical noninvasive glucose nanobiosensor using antioxidants as a novel mediator. Asia-Pacific Journal of Chemical Engineering, 2018, 13, e2143.	0.8	2
137	Development of chitosan/gelatin/keratin composite containing hydrocortisone sodium succinate as a buccal mucoadhesive patch to treat desquamative gingivitis. Drug Development and Industrial Pharmacy, 2018, 44, 40-55.	0.9	31
138	Layer-by-layer assembly of graphene oxide on thermosensitive liposomes for photo-chemotherapy. Acta Biomaterialia, 2018, 65, 376-392.	4.1	63
139	A comparison between the properties of natural hydroxyapatite produced by cold isostatic pressing and spark plasma sintering techniques. Journal of the Australian Ceramic Society, 2018, 54, 337-344.	1.1	4
140	Advancements in craniofacial prosthesis fabrication: A narrative review of holistic treatment. Journal of Advanced Prosthodontics, 2018, 10, 430.	1.1	12
141	Dual Porosity Protein-based Scaffolds with Enhanced Cell Infiltration and Proliferation. Scientific Reports, 2018, 8, 14889.	1.6	46
142	Evaluation of sustained ciprofloxacin release of biodegradable electrospun gelatin/poly(glycerol) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1 Engineering, 2018, 13, e2255.	0.8	13
143	Dispersive liquid-liquid microextraction based on the solidification of floating organic droplets for preconcentration of amino acids in human plasma samples. Separation Science Plus, 2018, 1, 650-659.	0.3	1
144	In vitro and in vivo evaluation of cephalosporins for the treatment of Lyme disease. Drug Design, Development and Therapy, 2018, Volume 12, 2915-2921.	2.0	4

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145	Enhancement of bio-desulfurization capability of a newly isolated thermophilic bacterium using starch/iron nanoparticles in a controlled system. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 1801-1809.	3.6	29
146	Improvement of in vitro behavior of an Mg alloy using a nanostructured composite bioceramic coating. <i>Journal of Materials Science: Materials in Medicine</i> , 2018, 29, 159.	1.7	17
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