

Dilek Keskin

List of Publications by Year in descending order

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65
papers

1,895
citations

201674

27
h-index

276875

41
g-index

68
all docs

68
docs citations

68
times ranked

3127
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of sericin/collagen membranes as prospective wound dressing biomaterial. Journal of Bioscience and Bioengineering, 2011, 112, 279-288.	2.2	143
2	Collagen/gold nanoparticle nanocomposites: A potential skin wound healing biomaterial. Journal of Biomaterials Applications, 2016, 31, 283-301.	2.4	136
3	Cellulose acetate based 3-dimensional electrospun scaffolds for skin tissue engineering applications. Carbohydrate Polymers, 2015, 133, 251-261.	10.2	99
4	Celecoxib-loaded liposomes: effect of cholesterol on encapsulation and <i>in vitro</i> release characteristics. Bioscience Reports, 2010, 30, 365-373.	2.4	89
5	Crosslinked pullulan/cellulose acetate fibrous scaffolds for bone tissue engineering. Materials Science and Engineering C, 2016, 69, 1103-1115.	7.3	71
6	Collagen-chondroitin sulfate-based PLLA-SAIB-coated rhBMP-2 delivery system for bone repair. Biomaterials, 2005, 26, 4023-4034.	11.4	62
7	Diatom shell incorporated PHBV/PCL-pullulan co-electrospun scaffold for bone tissue engineering. Materials Science and Engineering C, 2019, 100, 735-746.	7.3	62
8	Nanosized CaP-silk fibroin-PCL-PEG-PCL/PCL based bilayer membranes for guided bone regeneration. Materials Science and Engineering C, 2017, 80, 484-493.	7.3	58
9	Improvements in microstructural, mechanical, and biocompatibility properties of nano-sized hydroxyapatites doped with yttrium and fluoride. Ceramics International, 2010, 36, 1633-1643.	4.8	57
10	Wet electrospun silk fibroin/gold nanoparticle 3D matrices for wound healing applications. RSC Advances, 2016, 6, 13234-13250.	3.6	55
11	Native extracellular matrix/fibroin hydrogels for adipose tissue engineering with enhanced vascularization. Biomedical Materials (Bristol), 2017, 12, 035007.	3.3	54
12	Epidermal growth factor receptor-targeted immunoliposomes for delivery of celecoxib to cancer cells. International Journal of Pharmaceutics, 2015, 479, 364-373.	5.2	53
13	Silicate-doped nano-hydroxyapatite/graphene oxide composite reinforced fibrous scaffolds for bone tissue engineering. Journal of Biomaterials Applications, 2018, 32, 1392-1405.	2.4	49
14	Dual growth factor delivery using PLGA nanoparticles in silk fibroin/PEGDMA hydrogels for articular cartilage tissue engineering. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2020, 108, 2041-2062.	3.4	39
15	Pullulan microcarriers for bone tissue regeneration. Materials Science and Engineering C, 2016, 63, 439-449.	7.3	36
16	Boron-doped Biphasic Hydroxyapatite/Tricalcium Phosphate for Bone Tissue Engineering. Biological Trace Element Research, 2021, 199, 968-980.	3.5	36
17	A new therapeutic combination for osteosarcoma: Gemcitabine and Clofazimine co-loaded liposomal formulation. International Journal of Pharmaceutics, 2019, 557, 97-104.	5.2	35
18	Characteristics and release profiles of MPEG-PCL-MPEG microspheres containing immunoglobulin G. Colloids and Surfaces B: Biointerfaces, 2014, 117, 487-496.	5.0	34

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19	Investigation of bismuth doped bioglass/graphene oxide nanocomposites for bone tissue engineering. <i>Ceramics International</i> , 2018, 44, 3791-3799.	4.8	33
20	Maltodextrin modified liposomes for drug delivery through the blood-brain barrier. <i>MedChemComm</i> , 2017, 8, 1337-1345.	3.4	32
21	Structural and biological assessment of boron doped bioactive glass nanoparticles for dental tissue applications. <i>Ceramics International</i> , 2018, 44, 9854-9864.	4.8	32
22	Bacterial cellulose-reinforced boron-doped hydroxyapatite/gelatin scaffolds for bone tissue engineering. <i>Cellulose</i> , 2019, 26, 9765-9785.	4.9	32
23	Evaluation of human dental pulp stem cells behavior on a novel nanobiocomposite scaffold prepared for regenerative endodontics. <i>Materials Science and Engineering C</i> , 2019, 100, 928-948.	7.3	32
24	In vitro performance of a nanobiocomposite scaffold containing boron-modified bioactive glass nanoparticles for dentin regeneration. <i>Journal of Biomaterials Applications</i> , 2019, 33, 834-853.	2.4	32
25	Clinoptilolite/PCL-PEG-PCL composite scaffolds for bone tissue engineering applications. <i>Journal of Biomaterials Applications</i> , 2017, 31, 1148-1168.	2.4	31
26	Topical delivery of heparin from PLGA nanoparticles entrapped in nanofibers of sericin/gelatin scaffolds for wound healing. <i>International Journal of Pharmaceutics</i> , 2021, 597, 120207.	5.2	30
27	Double entrapment of growth factors by nanoparticles loaded into polyelectrolyte multilayer films. <i>Journal of Materials Chemistry B</i> , 2014, 2, 999.	5.8	28
28	Synthesis and characterization of nanosized calcium phosphates by flame spray pyrolysis, and their effect on osteogenic differentiation of stem cells. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	28
29	Collagen/PEO/gold nanofibrous matrices for skin tissue engineering. <i>Turkish Journal of Biology</i> , 2016, 40, 380-398.	0.8	27
30	In vitro and in vivo evaluation of the effects of demineralized bone matrix or calcium sulfate addition to polycaprolactone-bioglass composites. <i>Journal of Materials Science: Materials in Medicine</i> , 2010, 21, 295-308.	3.6	26
31	Development of a novel functionally graded membrane containing boron-modified bioactive glass nanoparticles for guided bone regeneration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 1331-1345.	2.7	26
32	Resorbable PCEC/gelatin-bismuth doped bioglass-graphene oxide bilayer membranes for guided bone regeneration. <i>Biomedical Materials (Bristol)</i> , 2019, 14, 035018.	3.3	23
33	A comparative study of monoaxial and coaxial PCL/gelatin/Ploxamer 188 scaffolds for bone tissue engineering. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2020, 69, 339-350.	3.4	20
34	Xanthan-gelatin and xanthan-gelatin-keratin wound dressings for local delivery of Vitamin C. <i>International Journal of Pharmaceutics</i> , 2022, 614, 121436.	5.2	20
35	Potential of Raloxifene in reversing osteoarthritis-like alterations in rat chondrocytes: An in vitro model study. <i>Journal of Biosciences</i> , 2013, 38, 135-147.	1.1	19
36	In vitro evaluation of effects of sustained anti-TNF release from MPEG-PCL-MPEG and PCL microspheres on human rheumatoid arthritis synoviocytes. <i>Journal of Biomaterials Applications</i> , 2014, 29, 524-542.	2.4	17

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37	<sc>PCL</sc> microspheres for intraarticular treatment of osteoarthritis. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2015, 103, 1238-1248.	3.4	17
38	A dual-phase scaffold produced by rotary jet spinning and electrospinning for tendon tissue engineering. Biomedical Materials (Bristol), 2020, 15, 065014.	3.3	17
39	Micelles As Delivery System for Cancer Treatment. Current Pharmaceutical Design, 2018, 23, 5230-5241.	1.9	17
40	Nanocrystalline Zn ²⁺ and SO ₄ ²⁻ binary doped fluorohydroxyapatite: A novel biomaterial with enhanced osteoconductive and osteoinconductive properties. Materials Science and Engineering C, 2019, 104, 109884.	7.3	15
41	Nanoparticles Based on Plasma Proteins for Drug Delivery Applications. Current Pharmaceutical Design, 2016, 22, 3445-3454.	1.9	15
42	Synthesis and characterization of magnesium-lanthanum dual doped bioactive glasses. Ceramics International, 2020, 46, 10503-10511.	4.8	14
43	Study on physiochemical structure and <i>in vitro</i> release behaviors of doxycycline-loaded PCL microspheres. Journal of Applied Polymer Science, 2015, 132, .	2.6	13
44	Biomechanical and histological outcome of combined raloxifene-estrogen therapy on skeletal and reproductive tissues. European Journal of Pharmacology, 2010, 627, 354-361.	3.5	10
45	Natural origin bilayer pullulan-PHBV scaffold for wound healing applications. Materials Science and Engineering C, 2022, 134, 112554.	7.3	10
46	Synthesis, phase transitions and cellular biocompatibility of nanophase alumina-hydroxyapatite composites. Advances in Applied Ceramics, 2011, 110, 238-243.	1.1	9
47	In Vitro Characterization of a Liposomal Formulation of Celecoxib Containing 1,2-Distearoyl-sn-Glycero-3-Phosphocholine, Cholesterol, and Polyethylene Glycol and its Functional Effects Against Colorectal Cancer Cell Lines. Journal of Pharmaceutical Sciences, 2013, 102, 3666-3677.	3.3	9
48	Influence of excipients on characteristics and release profiles of poly(ϵ -caprolactone) microspheres containing immunoglobulin G. Materials Science and Engineering C, 2015, 48, 391-399.	7.3	9
49	Cellulose acetate-gelatin-coated boron-bioactive glass biocomposite scaffolds for bone tissue engineering. Biomedical Materials (Bristol), 2020, 15, 065009.	3.3	9
50	Raloxifene-raloxifene-poly(ethylene glycol) conjugate-loaded microspheres: A novel strategy for drug delivery to bone forming cells. International Journal of Pharmaceutics, 2016, 510, 168-183.	5.2	8
51	Multilayer fibroin/chitosan oligosaccharide lactate and pullulan immunomodulatory patch for treatment of hernia and prevention of intraperitoneal adhesion. Carbohydrate Polymers, 2021, 265, 118066.	10.2	8
52	<i>In vitro</i>/<i>in vivo</i> comparison of cefuroxime release from poly(ϵ -caprolactone)-calcium sulfate implants for osteomyelitis treatment. Biotechnology and Applied Biochemistry, 2013, 60, 603-616.	3.1	7
53	Composite clinoptilolite/PCL-PEG-PCL scaffolds for bone regeneration: In vitro and in vivo evaluation. Journal of Tissue Engineering and Regenerative Medicine, 2020, 14, 3-15.	2.7	7
54	Pain Control Via Opioid Analgesic- Local Anesthetic Loaded IPNs. Current Drug Delivery, 2004, 1, 57-64.	1.6	6

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55	Prospective evaluation of Vitamin K2, Raloxifene and their co-administration in osteoporotic rats. European Journal of Pharmaceutical Sciences, 2011, 43, 270-277.	4.0	6
56	Lanthanum doped dicalcium phosphate bone cements for potential use as filler for bone defects. Materials Today Communications, 2021, 26, 101774.	1.9	6
57	In vitro investigation and biomechanical modeling of the effects of PLF-68 on osteoarthritis in a three-dimensional model. Biomechanics and Modeling in Mechanobiology, 2011, 10, 641-650.	2.8	5
58	Porous clinoptilolite nano biphasic calcium phosphate scaffolds loaded with human dental pulp stem cells for load bearing orthopedic applications. Biomedical Materials (Bristol), 2019, 14, 055010.	3.3	5
59	Structural and Biological Analysis of Mesoporous Lanthanum Doped β -TCP For Potential Use as Bone Graft Material. Materials Today Communications, 2020, 23, 101151.	1.9	5
60	Characterization and Evaluation of Triamcinolone, Raloxifene, and Their Dual-Loaded Microspheres as Prospective Local Treatment System in Rheumatic Rat Joints. Journal of Pharmaceutical Sciences, 2014, 103, 2396-2405.	3.3	4
61	Improvement of a liposomal formulation with a native molecule: calcitriol. RSC Advances, 2016, 6, 80158-80167.	3.6	3
62	Bioactive Agent Delivery in Bone Tissue Regeneration. Studies in Mechanobiology, Tissue Engineering and Biomaterials, 2010, , 193-223.	1.0	2
63	Investigation of the effect of ghrelin on bone fracture healing in rats. Clinical and Experimental Pharmacology and Physiology, 2021, 48, 1382-1390.	1.9	2
64	Seamless and robust alginate/gelatin coating on Ti-6Al-4V as a gap filling interphase. Applied Surface Science, 2022, 581, 152393.	6.1	1
65	Use of nanoscale-delivery systems in tissue/organ regeneration. , 2020, , 113-162.		0