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	Natural origin bilayer pullulan-PHBV scaffold for wound healing applications. Materials Science and Engineering C, 2022, 134, 112554.	7.3	10
2	Xanthan-gelatin and xanthan-gelatin-keratin wound dressings for local delivery of Vitamin C. International Journal of Pharmaceutics, 2022, 614, 121436.	5.2	20
3	Seamless and robust alginate/gelatin coating on Ti-6Al-4V as a gap filling interphase. Applied Surface Science, 2022, 581, 152393.	6.1	1
4	Boron-doped Biphasic Hydroxyapatite/Î²-Tricalcium Phosphate for Bone Tissue Engineering. Biological Trace Element Research, 2021, 199, 968-980.	3.5	36
5	Lanthanum doped dicalcium phosphate bone cements for potential use as filler for bone defects. Materials Today Communications, 2021, 26, 101774.	1.9	6
6	Topical delivery of heparin from PLGA nanoparticles entrapped in nanofibers of sericin/gelatin scaffolds for wound healing. International Journal of Pharmaceutics, 2021, 597, 120207.	5.2	30
7	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
8	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
9	A comparative study of monoaxial and coaxial PCL/gelatin/Poloxamer 188 scaffolds for bone tissue engineering. International Journal of Polymeric Materials and Polymeric Biomaterials, 2020, 69, 339-350.	3.4	20
10	Composite clinoptilolite/PCLâ€PEGâ€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
11	Synthesis and characterization of magnesium-lanthanum dual doped bioactive glasses. Ceramics International, 2020, 46, 10503-10511.	4.8	14
12	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
13	Cellulose acetate-gelatin-coated boron-bioactive glass biocomposite scaffolds for bone tissue engineering. Biomedical Materials (Bristol), 2020, 15, 065009.	3.3	9
14	Structural and Biological Analysis of Mesoporous Lanthanum Doped Î²TCP For Potential Use as Bone Graft Material. Materials Today Communications, 2020, 23, 101151.	1.9	5
15	A dual-phase scaffold produced by rotary jet spinning and electrospinning for tendon tissue engineering. Biomedical Materials (Bristol), 2020, 15, 065014.	3.3	17
16	Use of nanoscale-delivery systems in tissue/organ regeneration. , 2020, , 113-162.		0
17	Porous clinoptiloliteâ€”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
18	Bacterial cellulose-reinforced boron-doped hydroxyapatite/gelatin scaffolds for bone tissue engineering. Cellulose, 2019, 26, 9765-9785.	4.9	32

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19	Resorbable PCEC/gelatin-bismuth doped bioglass-graphene oxide bilayer membranes for guided bone regeneration. Biomedical Materials (Bristol), 2019, 14, 035018.	3.3	23
20	Nanocrystalline Zn2+ and SO42â˜' binary doped fluorohydroxyapatite: A novel biomaterial with enhanced osteoconductive and osteoinconductive properties. Materials Science and Engineering C, 2019, 104, 109884.	7.3	15
21	Development of a novel functionally graded membrane containing boronâ€modified bioactive glass nanoparticles for guided bone regeneration. Journal of Tissue Engineering and Regenerative Medicine, 2019, 13, 1331-1345.	2.7	26
22	Evaluation of human dental pulp stem cells behavior on a novel nanobiocomposite scaffold prepared for regenerative endodontics. Materials Science and Engineering C, 2019, 100, 928-948.	7.3	32
23	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
24	A new therapeutic combination for osteosarcoma: Gemcitabine and Clofazimine co-loaded liposomal formulation. International Journal of Pharmaceutics, 2019, 557, 97-104.	5.2	35
25	In vitro performance of a nanobiocomposite scaffold containing boron-modified bioactive glass nanoparticles for dentin regeneration. Journal of Biomaterials Applications, 2019, 33, 834-853.	2.4	32
26	Structural and biological assessment of boron doped bioactive glass nanoparticles for dental tissue applications. Ceramics International, 2018, 44, 9854-9864.	4.8	32
27	Investigation of bismuth doped bioglass/graphene oxide nanocomposites for bone tissue engineering. Ceramics International, 2018, 44, 3791-3799.	4.8	33
28	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
29	Micelles As Delivery System for Cancer Treatment. Current Pharmaceutical Design, 2018, 23, 5230-5241.	1.9	17
30	Maltodextrin modified liposomes for drug delivery through the bloodâ€"brain barrier. MedChemComm, 2017, 8, 1337-1345.	3.4	32
31	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
32	Native extracellular matrix/fibroin hydrogels for adipose tissue engineering with enhanced vascularization. Biomedical Materials (Bristol), 2017, 12, 035007.	3.3	54
33	Clinoptilolite/PCLâ€"PEGâ€"PCL composite scaffolds for bone tissue engineering applications. Journal of Biomaterials Applications, 2017, 31, 1148-1168.	2.4	31
34	Collagen/PEO/gold nanofibrous matrices for skin tissue engineering. Turkish Journal of Biology, 2016, 40, 380-398.	0.8	27
35	Pullulan microcarriers for bone tissue regeneration. Materials Science and Engineering C, 2016, 63, 439-449.	7.3	36
36	Collagen/gold nanoparticle nanocomposites: A potential skin wound healing biomaterial. Journal of Biomaterials Applications, 2016, 31, 283-301.	2.4	136

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37	Crosslinked pullulan/cellulose acetate fibrous scaffolds for bone tissue engineering. Materials Science and Engineering C, 2016, 69, 1103-1115.	7.3	71
38	Improvement of a liposomal formulation with a native molecule: calcitriol. RSC Advances, 2016, 6, 80158-80167.	3.6	3
39	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
40	Wet electrospun silk fibroin/gold nanoparticle 3D matrices for wound healing applications. RSC Advances, 2016, 6, 13234-13250.	3.6	55
41	Nanoparticles Based on Plasma Proteins for Drug Delivery Applications. Current Pharmaceutical Design, 2016, 22, 3445-3454.	1.9	15
42	Study on physiochemical structure and in vitro release behaviors of doxycyclineâ€loaded PCL microspheres. Journal of Applied Polymer Science, 2015, 132, .	2.6	13
43	Synthesis and characterization of nanosized calcium phosphates by flame spray pyrolysis, and their effect on osteogenic differentiation of stem cells. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	28
44	<scp>I</scp>n vitro and in vivo evaluation of doxycyclineâ€chondroitin sulfate/<scp>PCL</scp>microspheres for intraarticular treatment of osteoarthritis. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2015, 103, 1238-1248.	3.4	17
45	Epidermal growth factor receptor-targeted immunoliposomes for delivery of celecoxib to cancer cells. International Journal of Pharmaceutics, 2015, 479, 364-373.	5.2	53
46	Cellulose acetate based 3-dimensional electrospun scaffolds for skin tissue engineering applications. Carbohydrate Polymers, 2015, 133, 251-261.	10.2	99
47	Influence of excipients on characteristics and release profiles of poly(Îµ-caprolactone) microspheres containing immunoglobulin G. Materials Science and Engineering C, 2015, 48, 391-399.	7.3	9
48	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
49	Characteristics and release profiles of MPEG-PCL-MPEG microspheres containing immunoglobulin G. Colloids and Surfaces B: Biointerfaces, 2014, 117, 487-496.	5.0	34
50	Double entrapment of growth factors by nanoparticles loaded into polyelectrolyte multilayer films. Journal of Materials Chemistry B, 2014, 2, 999.	5.8	28
51	In vitro evaluation of effects of sustained anti-TNF release from MPEG-PCL-MPEG and PCL microspheres on human rheumatoid arthritis synoviocytes. Journal of Biomaterials Applications, 2014, 29, 524-542.	2.4	17
52	Potential of Raloxifene in reversing osteoarthritis-like alterations in rat chondrocytes: An in vitro model study. Journal of Biosciences, 2013, 38, 135-147.	1.1	19
53	In vitro/in vivo comparison of cefuroxime release from poly(Îµâ€caprolactone)â€“calcium sulfate implants for osteomyelitis treatment. Biotechnology and Applied Biochemistry, 2013, 60, 603-616.	3.1	7
54	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

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55	Evaluation of sericin/collagen membranes as prospective wound dressing biomaterial. Journal of Bioscience and Bioengineering, 2011, 112, 279-288.	2.2	143
56	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
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	Synthesis, phase transitions and cellular biocompatibility of nanophase aluminaâ€“hydroxyapatite composites. Advances in Applied Ceramics, 2011, 110, 238-243.	1.1	9
59	In vitro and in vivo evaluation of the effects of demineralized bone matrix or calcium sulfate addition to polycaprolactoneâ€“bioglass composites. Journal of Materials Science: Materials in Medicine, 2010, 21, 295-308.	3.6	26
60	Biomechanical and histological outcome of combined raloxifeneâ€“estrogen therapy on skeletal and reproductive tissues. European Journal of Pharmacology, 2010, 627, 354-361.	3.5	10
61	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
62	Celecoxib-loaded liposomes: effect of cholesterol on encapsulation and in vitro release characteristics. Bioscience Reports, 2010, 30, 365-373.	2.4	89
63	Bioactive Agent Delivery in Bone Tissue Regeneration. Studies in Mechanobiology, Tissue Engineering and Biomaterials, 2010, , 193-223.	1.0	2
64	Collagenâ€“chondroitin sulfate-based PLLAâ€“SAIB-coated rhBMP-2 delivery system for bone repair. Biomaterials, 2005, 26, 4023-4034.	11.4	62
65	Pain Control Via Opioid Analgesic- Local Anesthetic Loaded IPNs. Current Drug Delivery, 2004, 1, 57-64.	1.6	6