

Ayse Begum Tekinay

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4527937/publications.pdf>

Version: 2024-02-01

140
papers

5,373
citations

66315

42
h-index

106281

65
g-index

152
all docs

152
docs citations

152
times ranked

7857
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibacterial electrospun zein nanofibrous web encapsulating thymol/cyclodextrin-inclusion complex for food packaging. <i>Food Chemistry</i> , 2017, 233, 117-124.	4.2	179
2	Antibacterial Electrospun Poly(lactic acid) (PLA) Nanofibrous Webs Incorporating Triclosan/Cyclodextrin Inclusion Complexes. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 3901-3908.	2.4	160
3	Mitochondrial serine protease HTRA2 p.G399S in a kindred with essential tremor and Parkinson disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 18285-18290.	3.3	147
4	Selective adhesion and growth of vascular endothelial cells on bioactive peptide nanofiber functionalized stainless steel surface. <i>Biomaterials</i> , 2011, 32, 8797-8805.	5.7	146
5	Heparin Mimetic Peptide Nanofibers Promote Angiogenesis. <i>Biomacromolecules</i> , 2011, 12, 3508-3519.	2.6	127
6	Mussel Inspired Dynamic Cross-Linking of Self-Healing Peptide Nanofiber Network. <i>Advanced Functional Materials</i> , 2013, 23, 2081-2090.	7.8	123
7	Antibacterial electrospun nanofibers from triclosan/cyclodextrin inclusion complexes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 116, 612-619.	2.5	119
8	Self-Assembled Proteins and Peptides as Scaffolds for Tissue Regeneration. <i>Advanced Healthcare Materials</i> , 2015, 4, 2557-2586.	3.9	114
9	A role for LYNX2 in anxiety-related behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4477-4482.	3.3	105
10	Recent advances in bioactive 1D and 2D carbon nanomaterials for biomedical applications. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 2433-2454.	1.7	104
11	Electrospinning of cyclodextrin/linalool-inclusion complex nanofibers: Fast-dissolving nanofibrous web with prolonged release and antibacterial activity. <i>Food Chemistry</i> , 2017, 231, 192-201.	4.2	99
12	Growth Factor Binding on Heparin Mimetic Peptide Nanofibers. <i>Biomacromolecules</i> , 2012, 13, 3311-3319.	2.6	95
13	Fast-Dissolving, Prolonged Release, and Antibacterial Cyclodextrin/Limonene-Inclusion Complex Nanofibrous Webs via Polymer-Free Electrospinning. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 7325-7334.	2.4	92
14	Reusable bacteria immobilized electrospun nanofibrous webs for decolorization of methylene blue dye in wastewater treatment. <i>RSC Advances</i> , 2014, 4, 32249-32255.	1.7	91
15	Bioactive Supramolecular Peptide Nanofibers for Regenerative Medicine. <i>Advanced Healthcare Materials</i> , 2014, 3, 1357-1376.	3.9	90
16	Heparin mimetic peptide nanofiber gel promotes regeneration of full thickness burn injury. <i>Biomaterials</i> , 2017, 134, 117-127.	5.7	89
17	Release and antibacterial activity of allyl isothiocyanate/ β -cyclodextrin complex encapsulated in electrospun nanofibers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 120, 125-131.	2.5	86
18	Encapsulation of living bacteria in electrospun cyclodextrin ultrathin fibers for bioremediation of heavy metals and reactive dye from wastewater. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 161, 169-176.	2.5	82

#	ARTICLE	IF	CITATIONS
19	Tethering Naturally Occurring Peptide Toxins for Cell-Autonomous Modulation of Ion Channels and Receptors In Vivo. <i>Neuron</i> , 2004, 43, 305-311.	3.8	79
20	Intracellular Accumulation of Gold Nanoparticles Leads to Inhibition of Macropinocytosis to Reduce the Endoplasmic Reticulum Stress. <i>Scientific Reports</i> , 2017, 7, 40493.	1.6	75
21	Electrospinning of polymer-free cyclodextrin/geraniol inclusion complex nanofibers: enhanced shelf-life of geraniol with antibacterial and antioxidant properties. <i>RSC Advances</i> , 2016, 6, 46089-46099.	1.7	74
22	Supramolecular GAG-like Self-Assembled Glycopeptide Nanofibers Induce Chondrogenesis and Cartilage Regeneration. <i>Biomacromolecules</i> , 2016, 17, 679-689.	2.6	73
23	Cooperative effect of heparan sulfate and laminin mimetic peptide nanofibers on the promotion of neurite outgrowth. <i>Acta Biomaterialia</i> , 2012, 8, 2077-2086.	4.1	69
24	Self-Assembled Peptide Amphiphile Nanofibers and PEG Composite Hydrogels as Tunable ECM Mimetic Microenvironment. <i>Biomacromolecules</i> , 2015, 16, 1247-1258.	2.6	69
25	Slow Release and Delivery of Antisense Oligonucleotide Drug by Self-Assembled Peptide Amphiphile Nanofibers. <i>Biomacromolecules</i> , 2011, 12, 3007-3014.	2.6	67
26	Bacteria encapsulated electrospun nanofibrous webs for remediation of methylene blue dye in water. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 152, 245-251.	2.5	67
27	Homozygosity mapping and targeted genomic sequencing reveal the gene responsible for cerebellar hypoplasia and quadrupedal locomotion in a consanguineous kindred. <i>Genome Research</i> , 2011, 21, 1995-2003.	2.4	62
28	Bioactive self-assembled peptide nanofibers for corneal stroma regeneration. <i>Acta Biomaterialia</i> , 2014, 10, 1156-1166.	4.1	62
29	Microalgae Immobilized by Nanofibrous Web for Removal of Reactive Dyes from Wastewater. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 5802-5809.	1.8	62
30	Electrostatic effects on nanofiber formation of self-assembling peptide amphiphiles. <i>Journal of Colloid and Interface Science</i> , 2011, 356, 131-137.	5.0	59
31	Alkaline Phosphatase-Mimicking Peptide Nanofibers for Osteogenic Differentiation. <i>Biomacromolecules</i> , 2015, 16, 2198-2208.	2.6	59
32	Label-Free Nanometer-Resolution Imaging of Biological Architectures through Surface Enhanced Raman Scattering. <i>Scientific Reports</i> , 2013, 3, 2624.	1.6	57
33	Local delivery of doxorubicin through supramolecular peptide amphiphile nanofiber gels. <i>Biomaterials Science</i> , 2017, 5, 67-76.	2.6	57
34	Prostate Stem Cell Antigen Is an Endogenous lynx1-Like Prototoxin That Antagonizes $\alpha 7$ -Containing Nicotinic Receptors and Prevents Programmed Cell Death of Parasympathetic Neurons. <i>Journal of Neuroscience</i> , 2009, 29, 14847-14854.	1.7	56
35	Antioxidant α -tocopherol cyclodextrin inclusion complex encapsulated poly(lactic acid) electrospun nanofibrous web for food packaging. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	56
36	Pluronic polymer capped biocompatible mesoporous silica nanocarriers. <i>Chemical Communications</i> , 2013, 49, 9782.	2.2	50

#	ARTICLE	IF	CITATIONS
37	Procoagulant mutations and venous thrombosis in Behçet's disease. <i>Rheumatology</i> , 1999, 38, 1298-1299.	0.9	48
38	Glycosaminoglycan mimetic peptide nanofibers promote mineralization by osteogenic cells. <i>Acta Biomaterialia</i> , 2013, 9, 9075-9085.	4.1	48
39	Catalytic supramolecular self-assembled peptide nanostructures for ester hydrolysis. <i>Journal of Materials Chemistry B</i> , 2016, 4, 4605-4611.	2.9	47
40	Amyloid Inspired Self-Assembled Peptide Nanofibers. <i>Biomacromolecules</i> , 2012, 13, 3377-3387.	2.6	46
41	Bone-Like Mineral Nucleating Peptide Nanofibers Induce Differentiation of Human Mesenchymal Stem Cells into Mature Osteoblasts. <i>Biomacromolecules</i> , 2014, 15, 2407-2418.	2.6	44
42	Design of a Gd-DOTA-Phthalocyanine Conjugate Combining MRI Contrast Imaging and Photosensitization Properties as a Potential Molecular Theranostic. <i>Photochemistry and Photobiology</i> , 2014, 90, 1376-1386.	1.3	43
43	A Boronate Affinity-Assisted SERS Tag Equipped with a Sandwich System for Detection of Glycated Hemoglobin in the Hemolysate of Human Erythrocytes. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 11934-11944.	4.0	43
44	Interfiber interactions alter the stiffness of gels formed by supramolecular self-assembled nanofibers. <i>Soft Matter</i> , 2011, 7, 3524.	1.2	42
45	Peptide functionalized superparamagnetic iron oxide nanoparticles as MRI contrast agents. <i>Journal of Materials Chemistry</i> , 2011, 21, 15157.	6.7	42
46	Surface-adhesive and osteogenic self-assembled peptide nanofibers for bioinspired functionalization of titanium surfaces. <i>Soft Matter</i> , 2012, 8, 3929.	1.2	42
47	Angiogenic peptide nanofibers repair cardiac tissue defect after myocardial infarction. <i>Acta Biomaterialia</i> , 2017, 58, 102-112.	4.1	42
48	Microscopic characterization of peptide nanostructures. <i>Micron</i> , 2012, 43, 69-84.	1.1	41
49	Biocompatible Electroactive Tetra(aniline)-Conjugated Peptide Nanofibers for Neural Differentiation. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 308-317.	4.0	41
50	Inhibition of VEGF mediated corneal neovascularization by anti-angiogenic peptide nanofibers. <i>Biomaterials</i> , 2016, 107, 124-132.	5.7	40
51	Virus-like nanostructures for tuning immune response. <i>Scientific Reports</i> , 2015, 5, 16728.	1.6	39
52	Chondrogenic Differentiation of Mesenchymal Stem Cells on Glycosaminoglycan-Mimetic Peptide Nanofibers. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 871-878.	2.6	38
53	Bioactive peptide functionalized aligned cyclodextrin nanofibers for neurite outgrowth. <i>Journal of Materials Chemistry B</i> , 2017, 5, 517-524.	2.9	38
54	Size-controlled conformal nanofabrication of biotemplated three-dimensional TiO ₂ and ZnO nanonetworks. <i>Scientific Reports</i> , 2013, 3, 2306.	1.6	37

#	ARTICLE	IF	CITATIONS
55	Induction of triacylglycerol production in <i>Chlamydomonas reinhardtii</i> : Comparative analysis of different element regimes. <i>Bioresource Technology</i> , 2014, 155, 379-387.	4.8	36
56	Effects of temperature, pH and counterions on the stability of peptide amphiphile nanofiber structures. <i>RSC Advances</i> , 2016, 6, 104201-104214.	1.7	36
57	Improving pancreatic islet in vitro functionality and transplantation efficiency by using heparin mimetic peptide nanofiber gels. <i>Acta Biomaterialia</i> , 2015, 22, 8-18.	4.1	35
58	Removal of a reactive dye and hexavalent chromium by a reusable bacteria attached electrospun nanofibrous web. <i>RSC Advances</i> , 2015, 5, 86867-86874.	1.7	35
59	Neural differentiation on synthetic scaffold materials. <i>Biomaterials Science</i> , 2013, 1, 1119.	2.6	34
60	Growth and Differentiation of Prechondrogenic Cells on Bioactive Self-Assembled Peptide Nanofibers. <i>Biomacromolecules</i> , 2013, 14, 17-26.	2.6	33
61	Cellular Internalization of Therapeutic Oligonucleotides by Peptide Amphiphile Nanofibers and Nanospheres. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 11280-11287.	4.0	33
62	Bacteria immobilized electrospun polycaprolactone and polylactic acid fibrous webs for remediation of textile dyes in water. <i>Chemosphere</i> , 2017, 184, 393-399.	4.2	33
63	Angiogenic Peptide Nanofibers Improve Wound Healing in STZ-Induced Diabetic Rats. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 1180-1189.	2.6	31
64	Angiogenic Heparin-Mimetic Peptide Nanofiber Gel Improves Regenerative Healing of Acute Wounds. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 1296-1303.	2.6	30
65	Multivalent Presentation of Cationic Peptides on Supramolecular Nanofibers for Antimicrobial Activity. <i>Molecular Pharmaceutics</i> , 2017, 14, 3660-3668.	2.3	30
66	Protective therapeutic effects of peptide nanofiber and hyaluronic acid hybrid membrane in in vivo osteoarthritis model. <i>Acta Biomaterialia</i> , 2018, 73, 263-274.	4.1	29
67	Laminin mimetic peptide nanofibers regenerate acute muscle defect. <i>Acta Biomaterialia</i> , 2017, 60, 190-200.	4.1	28
68	Fibrous polymer grafted magnetic chitosan beads with strong poly(cation-exchange) groups for single step purification of lysozyme. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 990, 84-95.	1.2	27
69	Oligonucleotide Delivery with Cell Surface Binding and Cell Penetrating Peptide Amphiphile Nanospheres. <i>Molecular Pharmaceutics</i> , 2015, 12, 1584-1591.	2.3	27
70	Glycosaminoglycan-Mimetic Signals Direct the Osteo/Chondrogenic Differentiation of Mesenchymal Stem Cells in a Three-Dimensional Peptide Nanofiber Extracellular Matrix Mimetic Environment. <i>Biomacromolecules</i> , 2016, 17, 1280-1291.	2.6	27
71	Diabetic wound regeneration using heparin-mimetic peptide amphiphile gel in db/db mice. <i>Biomaterials Science</i> , 2017, 5, 1293-1303.	2.6	27
72	Tenascin-C derived signaling induces neuronal differentiation in a three-dimensional peptide nanofiber gel. <i>Biomaterials Science</i> , 2018, 6, 1859-1868.	2.6	27

#	ARTICLE	IF	CITATIONS
73	Cell penetrating peptide amphiphile integrated liposomal systems for enhanced delivery of anticancer drugs to tumor cells. <i>Faraday Discussions</i> , 2013, 166, 269.	1.6	26
74	Effects of laser ablated silver nanoparticles on <i>Lemna minor</i> . <i>Chemosphere</i> , 2014, 108, 251-257.	4.2	26
75	Dentin Phosphoprotein Mimetic Peptide Nanofibers Promote Biomineralization. <i>Macromolecular Bioscience</i> , 2019, 19, e1800080.	2.1	26
76	Tenascin-C Mimetic Peptide Nanofibers Direct Stem Cell Differentiation to Osteogenic Lineage. <i>Biomacromolecules</i> , 2014, 15, 4480-4487.	2.6	25
77	Atomic force microscopy for the investigation of molecular and cellular behavior. <i>Micron</i> , 2016, 89, 60-76.	1.1	25
78	A glycosaminoglycan mimetic peptide nanofiber gel as an osteoinductive scaffold. <i>Biomaterials Science</i> , 2016, 4, 1328-1339.	2.6	25
79	N-Cadherin Mimetic Peptide Nanofiber System Induces Chondrogenic Differentiation of Mesenchymal Stem Cells. <i>Bioconjugate Chemistry</i> , 2019, 30, 2417-2426.	1.8	25
80	Multi-Domain Short Peptide Molecules for in Situ Synthesis and Biofunctionalization of Gold Nanoparticles for Integrin-Targeted Cell Uptake. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 10677-10683.	4.0	24
81	Basal Lamina Mimetic Nanofibrous Peptide Networks for Skeletal Myogenesis. <i>Scientific Reports</i> , 2015, 5, 16460.	1.6	23
82	Antigenic GM3 Lactone Mimetic Molecule Integrated Mannosylated Glycopeptide Nanofibers for the Activation and Maturation of Dendritic Cells. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 16035-16042.	4.0	23
83	Toxicity assessment of pesticide triclosan by aquatic organisms and degradation studies. <i>Regulatory Toxicology and Pharmacology</i> , 2017, 91, 208-215.	1.3	23
84	Nano-formulation for topical treatment of precancerous lesions: skin penetration, in vitro, and in vivo toxicological evaluation. <i>Drug Delivery and Translational Research</i> , 2018, 8, 496-514.	3.0	23
85	Promotion of neurite outgrowth by rationally designed NGF- β binding peptide nanofibers. <i>Biomaterials Science</i> , 2018, 6, 1777-1790.	2.6	23
86	Effects of different culture media on biodegradation of triclosan by <i>Rhodotorula mucilaginosa</i> and <i>Penicillium</i> sp.. <i>Water Science and Technology</i> , 2016, 74, 473-481.	1.2	22
87	Regenerative effects of peptide nanofibers in an experimental model of Parkinson's disease. <i>Acta Biomaterialia</i> , 2016, 46, 79-90.	4.1	22
88	The effect of intra-amniotic and posthatch dietary synbiotic administration on the performance, intestinal histomorphology, cecal microbial population, and short-chain fatty acid composition of broiler chickens. <i>Poultry Science</i> , 2017, 96, 169-183.	1.5	22
89	Collagen Peptide Presenting Nanofibrous Scaffold for Intervertebral Disc Regeneration. <i>ACS Applied Bio Materials</i> , 2019, 2, 1686-1695.	2.3	22
90	Chromium(VI) Biosorption and Bioaccumulation by Live and Acid-Modified Biomass of a Novel <i>Morganella morganii</i> Isolate. <i>Separation Science and Technology</i> , 2014, 49, 907-914.	1.3	20

#	ARTICLE	IF	CITATIONS
91	Noncovalent functionalization of mesoporous silica nanoparticles with amphiphilic peptides. <i>Journal of Materials Chemistry B</i> , 2014, 2, 2168-2174.	2.9	20
92	Sciatic nerve regeneration induced by glycosaminoglycan and laminin mimetic peptide nanofiber gels. <i>RSC Advances</i> , 2016, 6, 110535-110547.	1.7	20
93	Neural ECM mimetics. <i>Progress in Brain Research</i> , 2014, 214, 391-413.	0.9	19
94	Amphiphilic peptide coated superparamagnetic iron oxide nanoparticles for in vivo MR tumor imaging. <i>RSC Advances</i> , 2016, 6, 45135-45146.	1.7	19
95	Three-Dimensional Laminin Mimetic Peptide Nanofiber Gels for In Vitro Neural Differentiation. <i>Biotechnology Journal</i> , 2017, 12, 1700080.	1.8	19
96	Supramolecular Peptide Nanofiber Morphology Affects Mechanotransduction of Stem Cells. <i>Biomacromolecules</i> , 2017, 18, 3114-3130.	2.6	18
97	Evaluation of contact time and fiber morphology on bacterial immobilization for development of novel surfactant degrading nanofibrous webs. <i>RSC Advances</i> , 2015, 5, 102750-102758.	1.7	17
98	Biocompatible Supramolecular Catalytic One-Dimensional Nanofibers for Efficient Labeling of Live Cells. <i>Bioconjugate Chemistry</i> , 2015, 26, 2371-2375.	1.8	17
99	Naringenin Inhibits Neointimal Hyperplasia Following Arterial Reconstruction With Interpositional Vein Graft. <i>Annals of Plastic Surgery</i> , 2010, 64, 105-113.	0.5	15
100	Mineralized Peptide Nanofiber Gels for Enhanced Osteogenic Differentiation. <i>ChemNanoMat</i> , 2018, 4, 837-845.	1.5	15
101	Gemcitabine Integrated Nano-Prodrug Carrier System. <i>Bioconjugate Chemistry</i> , 2017, 28, 1491-1498.	1.8	14
102	Presentation of functional groups on self-assembled supramolecular peptide nanofibers mimicking glycosaminoglycans for directed mesenchymal stem cell differentiation. <i>Journal of Materials Chemistry B</i> , 2017, 5, 4890-4900.	2.9	14
103	Spatial Organization of Functional Groups on Bioactive Supramolecular Glycopeptide Nanofibers for Differentiation of Mesenchymal Stem Cells (MSCs) to Brown Adipogenesis. <i>Bioconjugate Chemistry</i> , 2017, 28, 740-750.	1.8	14
104	Peptide-Based Materials for Cartilage Tissue Regeneration. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1030, 155-166.	0.8	14
105	Neuroactive Peptide Nanofibers for Regeneration of Spinal Cord after Injury. <i>Macromolecular Bioscience</i> , 2021, 21, 2000234.	2.1	14
106	Highly Sensitive Determination of 2,4,6-Trinitrotoluene and Related Byproducts Using a Diol Functionalized Column for High Performance Liquid Chromatography. <i>PLoS ONE</i> , 2014, 9, e99230.	1.1	14
107	Antioxidant response of <i>C. hlamydomonas reinhardtii</i> grown under different element regimes. <i>Phycological Research</i> , 2015, 63, 202-211.	0.8	13
108	Biotin Functionalized Self-Assembled Peptide Nanofiber as an Adjuvant for Immunomodulatory Response. <i>Biotechnology Journal</i> , 2020, 15, e2000100.	1.8	12

#	ARTICLE	IF	CITATIONS
109	Comparative serum albumin interactions and antitumor effects of Au(III) and Ga(III) ions. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015, 29, 111-115.	1.5	11
110	Interactions between metals accumulated in the narrow-clawed crayfish <i>Astacus leptodactylus</i> (Eschscholtz, 1823) in Dikilita Lake, Turkey. <i>Chemistry and Ecology</i> , 2015, 31, 455-465.	0.6	10
111	Nanomechanical Characterization of Osteogenic Differentiation of Mesenchymal Stem Cells on Bioactive Peptide Nanofiber Hydrogels. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700090.	1.9	10
112	Probe microscopy methods and applications in imaging of biological materials. <i>Seminars in Cell and Developmental Biology</i> , 2018, 73, 153-164.	2.3	10
113	Screening and selection of novel animal probiotics isolated from bovine chyme. <i>Annals of Microbiology</i> , 2013, 63, 1291-1300.	1.1	9
114	Force and time-dependent self-assembly, disruption and recovery of supramolecular peptide amphiphile nanofibers. <i>Nanotechnology</i> , 2018, 29, 285701.	1.3	7
115	Generation of Chimeric α -ABS Nanohemostat-Complex and Comparing Its Histomorphological <i>In Vivo</i> Effects to the Traditional Ankaferd Hemostat in Controlled Experimental Partial Nephrectomy Model. <i>International Journal of Biomaterials</i> , 2013, 2013, 1-10.	1.1	6
116	Extracellular Matrix Mimetic Peptide Scaffolds for Neural Stem Cell Culture and Differentiation. <i>Methods in Molecular Biology</i> , 2013, 1202, 131-148.	0.4	6
117	Complete dissipation of 2,4,6-trinitrotoluene by in-vessel composting. <i>RSC Advances</i> , 2015, 5, 51812-51819.	1.7	6
118	Nanomechanical characterization by double-pass force-distance mapping. <i>Nanotechnology</i> , 2011, 22, 295704.	1.3	5
119	Correlations in metal release profiles following sorption by <i>Lemna minor</i> . <i>International Journal of Phytoremediation</i> , 2016, 18, 785-793.	1.7	5
120	A Modular Antigen Presenting Peptide/Oligonucleotide Nanostructure Platform for Inducing Potent Immune Response. <i>Advanced Biology</i> , 2017, 1, e1700015.	3.0	5
121	Peptide nanofibers for controlled growth factor release. <i>Therapeutic Delivery</i> , 2013, 4, 651-654.	1.2	4
122	Characterization of a novel zebrafish (<i>Danio rerio</i>) gene, <i>wdr81</i> , associated with cerebellar ataxia, mental retardation and dysequilibrium syndrome (CAMRQ). <i>BMC Neuroscience</i> , 2015, 16, 96.	0.8	4
123	Osteoselection supported by phase separated polymer blend films. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 154-161.	2.1	3
124	Bioactive peptide functionalized superparamagnetic iron oxide nanoparticles (SPIONs) for targeted imaging with MRI. , 2015, , .		3
125	A comparison of peptide amphiphile nanofiber macromolecular assembly strategies. <i>European Physical Journal E</i> , 2019, 42, 63.	0.7	3
126	Nanomaterials for Regenerative Medicine. <i>Pancreatic Islet Biology</i> , 2019, , 1-45.	0.1	3

#	ARTICLE	IF	CITATIONS
127	Supramolecular Polymers: Mussel Inspired Dynamic Cross-Linking of Self-Healing Peptide Nanofiber Network (Adv. Funct. Mater. 16/2013). Advanced Functional Materials, 2013, 23, 2100-2100.	7.8	2
128	Selective adsorption of L1210 leukemia cells/human leukocytes on micropatterned surfaces prepared from polystyrene/polypropylene-polyethylene blends. Colloids and Surfaces B: Biointerfaces, 2014, 113, 403-411.	2.5	2
129	Spectroscopic Evaluation of DNA-Borate Interactions. Biological Trace Element Research, 2015, 168, 508-515.	1.9	2
130	Investigation of binding properties of dicationic styrylimidazo[1,2-a]pyridinium dyes to human serum albumin by spectroscopic techniques. Luminescence, 2017, 32, 86-92.	1.5	2
131	Neuroregenerative Nanotherapeutics. Pancreatic Islet Biology, 2019, , 143-181.	0.1	2
132	Materials for Articular Cartilage Regeneration. Recent Patents on Biomedical Engineering, 2012, 5, 187-199.	0.5	2
133	Reply to Tzoulis et al.: Genetic and clinical heterogeneity of essential tremor. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2269-E2269.	3.3	1
134	Bioactive Nanomaterials for Neural Engineering. , 2016, , 181-206.		1
135	Nanomaterials for Medicine. , 2016, , 1-6.		1
136	Mechanical Properties of Differentiating Stem Cells on Peptide Nanofibers. Biophysical Journal, 2016, 110, 624a.	0.2	1
137	Surface Enhanced Raman Spectroscopy of Unilamellar Liposomes Loaded with Silver Nanoparticles. Journal of Nanoscience and Nanotechnology, 2017, 17, 8894-8900.	0.9	1
138	Self-assembled peptide nanostructures and their gels for regenerative medicine applications. , 2018, , 455-473.		1
139	Peptide Nanofiber Scaffolds for Multipotent Stromal Cell Culturing. Methods in Molecular Biology, 2013, 1058, 61-76.	0.4	0
140	Abstract B153: sVEGFR-1 functionalized nanoparticles for diagnosis of cancer using magnetic resonance imaging. , 2013, , .		0