

# Ayse Begum Tekinay

## List of Publications by Year in descending order

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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	Neuroactive Peptide Nanofibers for Regeneration of Spinal Cord after Injury. <i>Macromolecular Bioscience</i> , 2021, 21, 2000234.	2.1	14
2	Biotin Functionalized Self-Assembled Peptide Nanofiber as an Adjuvant for Immunomodulatory Response. <i>Biotechnology Journal</i> , 2020, 15, e2000100.	1.8	12
3	Dentin Phosphoprotein Mimetic Peptide Nanofibers Promote Biomineralization. <i>Macromolecular Bioscience</i> , 2019, 19, e1800080.	2.1	26
4	N-Cadherin Mimetic Peptide Nanofiber System Induces Chondrogenic Differentiation of Mesenchymal Stem Cells. <i>Bioconjugate Chemistry</i> , 2019, 30, 2417-2426.	1.8	25
5	A comparison of peptide amphiphile nanofiber macromolecular assembly strategies. <i>European Physical Journal E</i> , 2019, 42, 63.	0.7	3
6	Collagen Peptide Presenting Nanofibrous Scaffold for Intervertebral Disc Regeneration. <i>ACS Applied Bio Materials</i> , 2019, 2, 1686-1695.	2.3	22
7	Nanomaterials for Regenerative Medicine. <i>Pancreatic Islet Biology</i> , 2019, , 1-45.	0.1	3
8	Neuroregenerative Nanotherapeutics. <i>Pancreatic Islet Biology</i> , 2019, , 143-181.	0.1	2
9	Force and time-dependent self-assembly, disruption and recovery of supramolecular peptide amphiphile nanofibers. <i>Nanotechnology</i> , 2018, 29, 285701.	1.3	7
10	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
11	Mineralized Peptide Nanofiber Gels for Enhanced Osteogenic Differentiation. <i>ChemNanoMat</i> , 2018, 4, 837-845.	1.5	15
12	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
13	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
14	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
15	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
16	Biocompatible Electroactive Tetra(aniline)-Conjugated Peptide Nanofibers for Neural Differentiation. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 308-317.	4.0	41
17	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
18	Self-assembled peptide nanostructures and their gels for regenerative medicine applications. , 2018, , 455-473.		1

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19	Promotion of neurite outgrowth by rationally designed NGF- $\beta$ binding peptide nanofibers. <i>Biomaterials Science</i> , 2018, 6, 1777-1790.	2.6	23
20	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
21	Investigation of binding properties of dicationic styrylimidazo[1,2-a]pyridinium dyes to human serum albumin by spectroscopic techniques. <i>Luminescence</i> , 2017, 32, 86-92.	1.5	2
22	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
23	Antioxidant $\alpha$ -tocopherol/ $\beta$ -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
24	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
25	Heparin mimetic peptide nanofiber gel promotes regeneration of full thickness burn injury. <i>Biomaterials</i> , 2017, 134, 117-127.	5.7	89
26	Antibacterial electrospun zein nanofibrous web encapsulating thymol/cyclodextrin-inclusion complex for food packaging. <i>Food Chemistry</i> , 2017, 233, 117-124.	4.2	179
27	A Modular Antigen Presenting Peptide/Oligonucleotide Nanostructure Platform for Inducing Potent Immune Response. <i>Advanced Biology</i> , 2017, 1, e1700015.	3.0	5
28	Gemcitabine Integrated Nano-Prodrug Carrier System. <i>Bioconjugate Chemistry</i> , 2017, 28, 1491-1498.	1.8	14
29	Antigenic GM3 Lactone Mimetic Molecule Integrated Mannosylated Glycopeptide Nanofibers for the Activation and Maturation of Dendritic Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 16035-16042.	4.0	23
30	Diabetic wound regeneration using heparin-mimetic peptide amphiphile gel in db/db mice. <i>Biomaterials Science</i> , 2017, 5, 1293-1303.	2.6	27
31	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
32	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
33	Angiogenic peptide nanofibers repair cardiac tissue defect after myocardial infarction. <i>Acta Biomaterialia</i> , 2017, 58, 102-112.	4.1	42
34	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
35	Bioactive peptide functionalized aligned cyclodextrin nanofibers for neurite outgrowth. <i>Journal of Materials Chemistry B</i> , 2017, 5, 517-524.	2.9	38
36	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

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37	Toxicity assessment of pesticide triclosan by aquatic organisms and degradation studies. <i>Regulatory Toxicology and Pharmacology</i> , 2017, 91, 208-215.	1.3	23
38	Peptide-Based Materials for Cartilage Tissue Regeneration. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1030, 155-166.	0.8	14
39	Multivalent Presentation of Cationic Peptides on Supramolecular Nanofibers for Antimicrobial Activity. <i>Molecular Pharmaceutics</i> , 2017, 14, 3660-3668.	2.3	30
40	Supramolecular Peptide Nanofiber Morphology Affects Mechanotransduction of Stem Cells. <i>Biomacromolecules</i> , 2017, 18, 3114-3130.	2.6	18
41	Three-Dimensional Laminin Mimetic Peptide Nanofiber Gels for In Vitro Neural Differentiation. <i>Biotechnology Journal</i> , 2017, 12, 1700080.	1.8	19
42	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
43	Laminin mimetic peptide nanofibers regenerate acute muscle defect. <i>Acta Biomaterialia</i> , 2017, 60, 190-200.	4.1	28
44	Local delivery of doxorubicin through supramolecular peptide amphiphile nanofiber gels. <i>Biomaterials Science</i> , 2017, 5, 67-76.	2.6	57
45	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
46	Surface Enhanced Raman Spectroscopy of Unilamellar Liposomes Loaded with Silver Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 8894-8900.	0.9	1
47	Bioactive Nanomaterials for Neural Engineering. , 2016, , 181-206.		1
48	Sciatic nerve regeneration induced by glycosaminoglycan and laminin mimetic peptide nanofiber gels. <i>RSC Advances</i> , 2016, 6, 110535-110547.	1.7	20
49	Effects of different culture media on biodegradation of triclosan by <i>Rhodotorula mucilaginosa</i> and <i>Penicillium sp.</i> . <i>Water Science and Technology</i> , 2016, 74, 473-481.	1.2	22
50	Cellular Internalization of Therapeutic Oligonucleotides by Peptide Amphiphile Nanofibers and Nanospheres. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 11280-11287.	4.0	33
51	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 &amp; Interfaces</i> , 2016, 8, 11934-11944.	4.0	43
52	Amphiphilic peptide coated superparamagnetic iron oxide nanoparticles for in vivo MR tumor imaging. <i>RSC Advances</i> , 2016, 6, 45135-45146.	1.7	19
53	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
54	Regenerative effects of peptide nanofibers in an experimental model of Parkinson's disease. <i>Acta Biomaterialia</i> , 2016, 46, 79-90.	4.1	22

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55	Inhibition of VEGF mediated corneal neovascularization by anti-angiogenic peptide nanofibers. <i>Biomaterials</i> , 2016, 107, 124-132.	5.7	40
56	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
57	Catalytic supramolecular self-assembled peptide nanostructures for ester hydrolysis. <i>Journal of Materials Chemistry B</i> , 2016, 4, 4605-4611.	2.9	47
58	Atomic force microscopy for the investigation of molecular and cellular behavior. <i>Micron</i> , 2016, 89, 60-76.	1.1	25
59	Nanomaterials for Medicine. , 2016, , 1-6.		1
60	A glycosaminoglycan mimetic peptide nanofiber gel as an osteoinductive scaffold. <i>Biomaterials Science</i> , 2016, 4, 1328-1339.	2.6	25
61	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
62	Mechanical Properties of Differentiating Stem Cells on Peptide Nanofibers. <i>Biophysical Journal</i> , 2016, 110, 624a.	0.2	1
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	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
65	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
66	Supramolecular GAG-like Self-Assembled Glycopeptide Nanofibers Induce Chondrogenesis and Cartilage Regeneration. <i>Biomacromolecules</i> , 2016, 17, 679-689.	2.6	73
67	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
68	Complete dissipation of 2,4,6-trinitrotoluene by in-vessel composting. <i>RSC Advances</i> , 2015, 5, 51812-51819.	1.7	6
69	Virus-like nanostructures for tuning immune response. <i>Scientific Reports</i> , 2015, 5, 16728.	1.6	39
70	Basal Lamina Mimetic Nanofibrous Peptide Networks for Skeletal Myogenesis. <i>Scientific Reports</i> , 2015, 5, 16460.	1.6	23
71	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
72	Self-Assembled Proteins and Peptides as Scaffolds for Tissue Regeneration. <i>Advanced Healthcare Materials</i> , 2015, 4, 2557-2586.	3.9	114

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73	Osteoselection supported by phase separated polymer blend films. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 154-161.	2.1	3
74	Antioxidant response of <i>C. hlamydomonas reinhardtii</i> grown under different element regimes. <i>Phycological Research</i> , 2015, 63, 202-211.	0.8	13
75	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
76	Alkaline Phosphatase-Mimicking Peptide Nanofibers for Osteogenic Differentiation. <i>Biomacromolecules</i> , 2015, 16, 2198-2208.	2.6	59
77	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
78	Spectroscopic Evaluation of DNA-Borate Interactions. <i>Biological Trace Element Research</i> , 2015, 168, 508-515.	1.9	2
79	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
80	Microalgae Immobilized by Nanofibrous Web for Removal of Reactive Dyes from Wastewater. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 5802-5809.	1.8	62
81	Oligonucleotide Delivery with Cell Surface Binding and Cell Penetrating Peptide Amphiphile Nanospheres. <i>Molecular Pharmaceutics</i> , 2015, 12, 1584-1591.	2.3	27
82	Multi-Domain Short Peptide Molecules for in Situ Synthesis and Biofunctionalization of Gold Nanoparticles for Integrin-Targeted Cell Uptake. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 10677-10683.	4.0	24
83	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
84	Reply to Tzoulis et al.: Genetic and clinical heterogeneity of essential tremor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2269-E2269.	3.3	1
85	Self-Assembled Peptide Amphiphile Nanofibers and PEG Composite Hydrogels as Tunable ECM Mimetic Microenvironment. <i>Biomacromolecules</i> , 2015, 16, 1247-1258.	2.6	69
86	Biocompatible Supramolecular Catalytic One-Dimensional Nanofibers for Efficient Labeling of Live Cells. <i>Bioconjugate Chemistry</i> , 2015, 26, 2371-2375.	1.8	17
87	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
88	Bioactive peptide functionalized superparamagnetic iron oxide nanoparticles (SPIONs) for targeted imaging with MRI. , 2015, , .		3
89	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
90	Neural ECM mimetics. <i>Progress in Brain Research</i> , 2014, 214, 391-413.	0.9	19

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91	Mitochondrial serine protease HTRA2 p.G399S in a kindred with essential tremor and Parkinson disease. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 18285-18290.	3.3	147
92	Chromium(VI) Biosorption and Bioaccumulation by Live and Acid-Modified Biomass of a Novel <i>Morganella morganii</i> Isolate. Separation Science and Technology, 2014, 49, 907-914.	1.3	20
93	Antibacterial electrospun nanofibers from triclosan/cyclodextrin inclusion complexes. Colloids and Surfaces B: Biointerfaces, 2014, 116, 612-619.	2.5	119
94	Induction of triacylglycerol production in <i>Chlamydomonas reinhardtii</i> : Comparative analysis of different element regimes. Bioresource Technology, 2014, 155, 379-387.	4.8	36
95	Noncovalent functionalization of mesoporous silica nanoparticles with amphiphilic peptides. Journal of Materials Chemistry B, 2014, 2, 2168-2174.	2.9	20
96	Bioactive Supramolecular Peptide Nanofibers for Regenerative Medicine. Advanced Healthcare Materials, 2014, 3, 1357-1376.	3.9	90
97	Tenascin-C Mimetic Peptide Nanofibers Direct Stem Cell Differentiation to Osteogenic Lineage. Biomacromolecules, 2014, 15, 4480-4487.	2.6	25
98	Reusable bacteria immobilized electrospun nanofibrous webs for decolorization of methylene blue dye in wastewater treatment. RSC Advances, 2014, 4, 32249-32255.	1.7	91
99	Bone-Like Mineral Nucleating Peptide Nanofibers Induce Differentiation of Human Mesenchymal Stem Cells into Mature Osteoblasts. Biomacromolecules, 2014, 15, 2407-2418.	2.6	44
100	Design of a Gd <sup>3+</sup> -DOTA- $\beta$ -Phthalocyanine Conjugate Combining MRI Contrast Imaging and Photosensitization Properties as a Potential Molecular Theranostic. Photochemistry and Photobiology, 2014, 90, 1376-1386.	1.3	43
101	Effects of laser ablated silver nanoparticles on <i>Lemna minor</i> . Chemosphere, 2014, 108, 251-257.	4.2	26
102	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
103	Release and antibacterial activity of allyl isothiocyanate/ $\beta$ -cyclodextrin complex encapsulated in electrospun nanofibers. Colloids and Surfaces B: Biointerfaces, 2014, 120, 125-131.	2.5	86
104	Bioactive self-assembled peptide nanofibers for corneal stroma regeneration. Acta Biomaterialia, 2014, 10, 1156-1166.	4.1	62
105	Highly Sensitive Determination of 2,4,6-Trinitrotoluene and Related Byproducts Using a Diol Functionalized Column for High Performance Liquid Chromatography. PLoS ONE, 2014, 9, e99230.	1.1	14
106	Screening and selection of novel animal probiotics isolated from bovine chyme. Annals of Microbiology, 2013, 63, 1291-1300.	1.1	9
107	Antibacterial Electrospun Poly(lactic acid) (PLA) Nanofibrous Webs Incorporating Triclosan/Cyclodextrin Inclusion Complexes. Journal of Agricultural and Food Chemistry, 2013, 61, 3901-3908.	2.4	160
108	Glycosaminoglycan mimetic peptide nanofibers promote mineralization by osteogenic cells. Acta Biomaterialia, 2013, 9, 9075-9085.	4.1	48

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109	Label-Free Nanometer-Resolution Imaging of Biological Architectures through Surface Enhanced Raman Scattering. <i>Scientific Reports</i> , 2013, 3, 2624.	1.6	57
110	Pluronic polymer capped biocompatible mesoporous silica nanocarriers. <i>Chemical Communications</i> , 2013, 49, 9782.	2.2	50
111	Neural differentiation on synthetic scaffold materials. <i>Biomaterials Science</i> , 2013, 1, 1119.	2.6	34
112	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
113	Mussel Inspired Dynamic Cross-Linking of Self-Healing Peptide Nanofiber Network. <i>Advanced Functional Materials</i> , 2013, 23, 2081-2090.	7.8	123
114	Growth and Differentiation of Prechondrogenic Cells on Bioactive Self-Assembled Peptide Nanofibers. <i>Biomacromolecules</i> , 2013, 14, 17-26.	2.6	33
115	Size-controlled conformal nanofabrication of biotemplated three-dimensional TiO <sub>2</sub> and ZnO nanonetworks. <i>Scientific Reports</i> , 2013, 3, 2306.	1.6	37
116	Generation of Chimeric $\alpha$ - $\beta$ -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
117	Peptide Nanofiber Scaffolds for Multipotent Stromal Cell Culturing. <i>Methods in Molecular Biology</i> , 2013, 1058, 61-76.	0.4	0
118	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
119	Peptide nanofibers for controlled growth factor release. <i>Therapeutic Delivery</i> , 2013, 4, 651-654.	1.2	4
120	Supramolecular Polymers: Mussel Inspired Dynamic Cross-Linking of Self-Healing Peptide Nanofiber Network (Adv. Funct. Mater. 16/2013). <i>Advanced Functional Materials</i> , 2013, 23, 2100-2100.	7.8	2
121	Abstract B153: sVEGFR-1 functionalized nanoparticles for diagnosis of cancer using magnetic resonance imaging., 2013, , .		0
122	Surface-adhesive and osteogenic self-assembled peptide nanofibers for bioinspired functionalization of titanium surfaces. <i>Soft Matter</i> , 2012, 8, 3929.	1.2	42
123	Amyloid Inspired Self-Assembled Peptide Nanofibers. <i>Biomacromolecules</i> , 2012, 13, 3377-3387.	2.6	46
124	Growth Factor Binding on Heparin Mimetic Peptide Nanofibers. <i>Biomacromolecules</i> , 2012, 13, 3311-3319.	2.6	95
125	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
126	Microscopic characterization of peptide nanostructures. <i>Micron</i> , 2012, 43, 69-84.	1.1	41



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127	Materials for Articular Cartilage Regeneration. Recent Patents on Biomedical Engineering, 2012, 5, 187-199.	0.5	2
128	Heparin Mimetic Peptide Nanofibers Promote Angiogenesis. Biomacromolecules, 2011, 12, 3508-3519.	2.6	127
129	Interfiber interactions alter the stiffness of gels formed by supramolecular self-assembled nanofibers. Soft Matter, 2011, 7, 3524.	1.2	42
130	Slow Release and Delivery of Antisense Oligonucleotide Drug by Self-Assembled Peptide Amphiphile Nanofibers. Biomacromolecules, 2011, 12, 3007-3014.	2.6	67
131	Peptide functionalized superparamagnetic iron oxide nanoparticles as MRI contrast agents. Journal of Materials Chemistry, 2011, 21, 15157.	6.7	42
132	Selective adhesion and growth of vascular endothelial cells on bioactive peptide nanofiber functionalized stainless steel surface. Biomaterials, 2011, 32, 8797-8805.	5.7	146
133	Electrostatic effects on nanofiber formation of self-assembling peptide amphiphiles. Journal of Colloid and Interface Science, 2011, 356, 131-137.	5.0	59
134	Nanomechanical characterization by double-pass force-distance mapping. Nanotechnology, 2011, 22, 295704.	1.3	5
135	Homozygosity mapping and targeted genomic sequencing reveal the gene responsible for cerebellar hypoplasia and quadrupedal locomotion in a consanguineous kindred. Genome Research, 2011, 21, 1995-2003.	2.4	62
136	Naringenin Inhibits Neointimal Hyperplasia Following Arterial Reconstruction With Interpositional Vein Graft. Annals of Plastic Surgery, 2010, 64, 105-113.	0.5	15
137	Prostate Stem Cell Antigen Is an Endogenous lynx1-Like Prototoxin That Antagonizes $\hat{A}7$ -Containing Nicotinic Receptors and Prevents Programmed Cell Death of Parasympathetic Neurons. Journal of Neuroscience, 2009, 29, 14847-14854.	1.7	56
138	A role for LYNX2 in anxiety-related behavior. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 4477-4482.	3.3	105
139	Tethering Naturally Occurring Peptide Toxins for Cell-Autonomous Modulation of Ion Channels and Receptors In Vivo. Neuron, 2004, 43, 305-311.	3.8	79
140	Procoagulant mutations and venous thrombosis in Behçet's disease. Rheumatology, 1999, 38, 1298-1299.	0.9	48