

# Mustafa O Guler

## List of Publications by Year in descending order

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144  
papers

6,967  
citations

53751

45  
h-index

69214

77  
g-index

158  
all docs

158  
docs citations

158  
times ranked

8702  
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	In Situ functionalization of Poly(hydroxyethyl methacrylate) Cryogels with Oligopeptides via $\beta$ -Cyclodextrin-Adamantane Complexation for Studying Cell-Instructive Peptide Environment. <i>ACS Applied Bio Materials</i> , 2020, 3, 1116-1128.	2.3	17
3	Biotin Functionalized Self-Assembled Peptide Nanofiber as an Adjuvant for Immunomodulatory Response. <i>Biotechnology Journal</i> , 2020, 15, e2000100.	1.8	12
4	Design of amphiphilic peptide nanofibers. , 2020, , 185-197.		0
5	Water-insoluble polymer-free uniform nanofibers of peracetylated cyclodextrin by electrospinning. <i>Journal of Materials Science</i> , 2020, 55, 11752-11762.	1.7	8
6	Peptide gels for controlled release of proteins. <i>Therapeutic Delivery</i> , 2020, 11, 193-211.	1.2	14
7	Design and Synthesis of Peptides for Developing Biomaterials. <i>RSC Soft Matter</i> , 2020, , 1-18.	0.2	0
8	Dentin Phosphoprotein Mimetic Peptide Nanofibers Promote Biomineralization. <i>Macromolecular Bioscience</i> , 2019, 19, e1800080.	2.1	26
9	N-Cadherin Mimetic Peptide Nanofiber System Induces Chondrogenic Differentiation of Mesenchymal Stem Cells. <i>Bioconjugate Chemistry</i> , 2019, 30, 2417-2426.	1.8	25
10	Collagen Peptide Presenting Nanofibrous Scaffold for Intervertebral Disc Regeneration. <i>ACS Applied Bio Materials</i> , 2019, 2, 1686-1695.	2.3	22
11	Force and time-dependent self-assembly, disruption and recovery of supramolecular peptide amphiphile nanofibers. <i>Nanotechnology</i> , 2018, 29, 285701.	1.3	7
12	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
13	Mineralized Peptide Nanofiber Gels for Enhanced Osteogenic Differentiation. <i>ChemNanoMat</i> , 2018, 4, 837-845.	1.5	15
14	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
15	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
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	The design and fabrication of supramolecular semiconductor nanowires formed by benzothienobenzothiophene (BTBT)-conjugated peptides. <i>Nanoscale</i> , 2018, 10, 9987-9995.	2.8	18
21	Using nanogap in label-free impedance based electrical biosensors to overcome electrical double layer effect. <i>Microsystem Technologies</i> , 2017, 23, 889-897.	1.2	8
22	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
23	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
24	Controlled enzymatic stability and release characteristics of supramolecular chiral peptide amphiphile nanofiber gels. <i>Current Applied Physics</i> , 2017, 17, 785-792.	1.1	6
25	Nanoengineering Hybrid Supramolecular Multilayered Biomaterials Using Polysaccharides and Self-Assembling Peptide Amphiphiles. <i>Advanced Functional Materials</i> , 2017, 27, 1605122.	7.8	53
26	Heparin mimetic peptide nanofiber gel promotes regeneration of full thickness burn injury. <i>Biomaterials</i> , 2017, 134, 117-127.	5.7	89
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	Biomaterials: Nanoengineering Hybrid Supramolecular Multilayered Biomaterials Using Polysaccharides and Self-Assembling Peptide Amphiphiles ( <i>Adv. Funct. Mater.</i> 17/2017). <i>Advanced Functional Materials</i> , 2017, 27, .	7.8	2
29	Gemcitabine Integrated Nano-Prodrug Carrier System. <i>Bioconjugate Chemistry</i> , 2017, 28, 1491-1498.	1.8	14
30	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
31	Diabetic wound regeneration using heparin-mimetic peptide amphiphile gel in db/db mice. <i>Biomaterials Science</i> , 2017, 5, 1293-1303.	2.6	27
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	Bioactive peptide functionalized aligned cyclodextrin nanofibers for neurite outgrowth. <i>Journal of Materials Chemistry B</i> , 2017, 5, 517-524.	2.9	38
35	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
36	Peptide-Based Materials for Cartilage Tissue Regeneration. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1030, 155-166.	0.8	14

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37	Multivalent Presentation of Cationic Peptides on Supramolecular Nanofibers for Antimicrobial Activity. <i>Molecular Pharmaceutics</i> , 2017, 14, 3660-3668.	2.3	30
38	Supramolecular Peptide Nanofiber Morphology Affects Mechanotransduction of Stem Cells. <i>Biomacromolecules</i> , 2017, 18, 3114-3130.	2.6	18
39	Hierarchical Self-Assembly of Histidine-Functionalized Peptide Amphiphiles into Supramolecular Chiral Nanostructures. <i>Langmuir</i> , 2017, 33, 7947-7956.	1.6	32
40	Three-Dimensional Laminin Mimetic Peptide Nanofiber Gels for In Vitro Neural Differentiation. <i>Biotechnology Journal</i> , 2017, 12, 1700080.	1.8	19
41	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
42	Laminin mimetic peptide nanofibers regenerate acute muscle defect. <i>Acta Biomaterialia</i> , 2017, 60, 190-200.	4.1	28
43	Fabrication of Supramolecular n/p-Nanowires via Coassembly of Oppositely Charged Peptide-Chromophore Systems in Aqueous Media. <i>ACS Nano</i> , 2017, 11, 6881-6892.	7.3	56
44	Local delivery of doxorubicin through supramolecular peptide amphiphile nanofiber gels. <i>Biomaterials Science</i> , 2017, 5, 67-76.	2.6	57
45	Bioactive Nanomaterials for Neural Engineering. , 2016, , 181-206.		1
46	Sciatic nerve regeneration induced by glycosaminoglycan and laminin mimetic peptide nanofiber gels. <i>RSC Advances</i> , 2016, 6, 110535-110547.	1.7	20
47	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
48	Amphiphilic peptide coated superparamagnetic iron oxide nanoparticles for in vivo MR tumor imaging. <i>RSC Advances</i> , 2016, 6, 45135-45146.	1.7	19
49	Regenerative effects of peptide nanofibers in an experimental model of Parkinson's disease. <i>Acta Biomaterialia</i> , 2016, 46, 79-90.	4.1	22
50	Inhibition of VEGF mediated corneal neovascularization by anti-angiogenic peptide nanofibers. <i>Biomaterials</i> , 2016, 107, 124-132.	5.7	40
51	Facile Synthesis of Three-Dimensional Pt-TiO <sub>2</sub> Nano-networks: A Highly Active Catalyst for the Hydrolytic Dehydrogenation of Ammonia-Borane. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12257-12261.	7.2	141
52	Facile Synthesis of Three-Dimensional Pt-TiO <sub>2</sub> Nano-networks: A Highly Active Catalyst for the Hydrolytic Dehydrogenation of Ammonia-Borane. <i>Angewandte Chemie</i> , 2016, 128, 12445-12449.	1.6	35
53	Self-assembled peptide nanofiber templated ALD growth of TiO <sub>2</sub> and ZnO semiconductor nanonetworks. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2016, 213, 3238-3244.	0.8	7
54	Catalytic supramolecular self-assembled peptide nanostructures for ester hydrolysis. <i>Journal of Materials Chemistry B</i> , 2016, 4, 4605-4611.	2.9	47

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55	Atomic force microscopy for the investigation of molecular and cellular behavior. <i>Micron</i> , 2016, 89, 60-76.	1.1	25
56	Self-assembled peptide nanostructures for functional materials. <i>Nanotechnology</i> , 2016, 27, 402002.	1.3	76
57	Nanomaterials for Medicine. , 2016, , 1-6.		1
58	A glycosaminoglycan mimetic peptide nanofiber gel as an osteoinductive scaffold. <i>Biomaterials Science</i> , 2016, 4, 1328-1339.	2.6	25
59	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
60	A Heterojunction Design of Single Layer Hole Tunneling ZnO Passivation Wrapping around TiO <sub>2</sub> Nanowires for Superior Photocatalytic Performance. <i>Scientific Reports</i> , 2016, 6, 30587.	1.6	95
61	One-Dimensional Peptide Nanostructure Templated Growth of Iron Phosphate Nanostructures for Lithium-Ion Battery Cathodes. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 17421-17427.	4.0	14
62	Supramolecular Nanostructure Formation of Coassembled Amyloid Inspired Peptides. <i>Langmuir</i> , 2016, 32, 6506-6514.	1.6	16
63	Mechanical Properties of Differentiating Stem Cells on Peptide Nanofibers. <i>Biophysical Journal</i> , 2016, 110, 624a.	0.2	1
64	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
65	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
66	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
67	Supramolecular GAG-like Self-Assembled Glycopeptide Nanofibers Induce Chondrogenesis and Cartilage Regeneration. <i>Biomacromolecules</i> , 2016, 17, 679-689.	2.6	73
68	Virus-like nanostructures for tuning immune response. <i>Scientific Reports</i> , 2015, 5, 16728.	1.6	39
69	Basal Lamina Mimetic Nanofibrous Peptide Networks for Skeletal Myogenesis. <i>Scientific Reports</i> , 2015, 5, 16460.	1.6	23
70	Self-Assembled Proteins and Peptides as Scaffolds for Tissue Regeneration. <i>Advanced Healthcare Materials</i> , 2015, 4, 2557-2586.	3.9	114
71	Template-assisted synthesis of III-nitride and metal-oxide nano-heterostructures using low-temperature atomic layer deposition for energy, sensing, and catalysis applications (Presentation) Tj ETQq1 1 0784314 ngBT /Over	1.7	4314
72	Alkaline Phosphatase-Mimicking Peptide Nanofibers for Osteogenic Differentiation. <i>Biomacromolecules</i> , 2015, 16, 2198-2208.	2.6	59

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73	Supramolecular chirality in self-assembled peptide amphiphile nanostructures. <i>Chemical Communications</i> , 2015, 51, 12470-12473.	2.2	35
74	Oligonucleotide Delivery with Cell Surface Binding and Cell Penetrating Peptide Amphiphile Nanospheres. <i>Molecular Pharmaceutics</i> , 2015, 12, 1584-1591.	2.3	27
75	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
76	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
77	Self-Assembled Peptide Amphiphile Nanofibers and PEG Composite Hydrogels as Tunable ECM Mimetic Microenvironment. <i>Biomacromolecules</i> , 2015, 16, 1247-1258.	2.6	69
78	Biocompatible Supramolecular Catalytic One-Dimensional Nanofibers for Efficient Labeling of Live Cells. <i>Bioconjugate Chemistry</i> , 2015, 26, 2371-2375.	1.8	17
79	Bioactive peptide functionalized superparamagnetic iron oxide nanoparticles (SPIONs) for targeted imaging with MRI. , 2015, , .		3
80	Tuning viscoelastic properties of supramolecular peptide gels via dynamic covalent crosslinking. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 1983-1987.	1.5	44
81	Functional gold nanoparticle coated surfaces for CA 125 cancer biomarker detection. <i>Turkish Journal of Chemistry</i> , 2015, 39, 697-713.	0.5	2
82	Next Generation Nanomedicine in the Genesis of "Ankaferd Blood Stopper Nanohemostat". <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2014, 20, 456-457.	0.7	1
83	Noncovalent functionalization of mesoporous silica nanoparticles with amphiphilic peptides. <i>Journal of Materials Chemistry B</i> , 2014, 2, 2168-2174.	2.9	20
84	Bioactive Supramolecular Peptide Nanofibers for Regenerative Medicine. <i>Advanced Healthcare Materials</i> , 2014, 3, 1357-1376.	3.9	90
85	Synergistic regulation of cerebellar Purkinje neuron development by laminin epitopes and collagen on an artificial hybrid matrix construct. <i>Biomaterials Science</i> , 2014, 2, 903-914.	2.6	25
86	Tenascin-C Mimetic Peptide Nanofibers Direct Stem Cell Differentiation to Osteogenic Lineage. <i>Biomacromolecules</i> , 2014, 15, 4480-4487.	2.6	25
87	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
88	Design of a Gd<sup>3+</sup>-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
89	Thermal evolution of structure and photocatalytic activity in polymer microsphere templated TiO <sub>2</sub> microbowls. <i>Applied Surface Science</i> , 2014, 308, 50-57.	3.1	20
90	Bioactive self-assembled peptide nanofibers for corneal stroma regeneration. <i>Acta Biomaterialia</i> , 2014, 10, 1156-1166.	4.1	62

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91	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
92	Glycosaminoglycan mimetic peptide nanofibers promote mineralization by osteogenic cells. <i>Acta Biomaterialia</i> , 2013, 9, 9075-9085.	4.1	48
93	Label-Free Nanometer-Resolution Imaging of Biological Architectures through Surface Enhanced Raman Scattering. <i>Scientific Reports</i> , 2013, 3, 2624.	1.6	57
94	Amyloid-like peptide nanofiber templated titania nanostructures as dye sensitized solar cell anodic materials. <i>Journal of Materials Chemistry A</i> , 2013, 1, 10979.	5.2	23
95	Neural differentiation on synthetic scaffold materials. <i>Biomaterials Science</i> , 2013, 1, 1119.	2.6	34
96	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
97	Mussel Inspired Dynamic Cross-Linking of Self-Healing Peptide Nanofiber Network. <i>Advanced Functional Materials</i> , 2013, 23, 2081-2090.	7.8	123
98	Growth and Differentiation of Prechondrogenic Cells on Bioactive Self-Assembled Peptide Nanofibers. <i>Biomacromolecules</i> , 2013, 14, 17-26.	2.6	33
99	Noncovalent functionalization of a nanofibrous network with a bio-inspired heavy metal binding peptide. <i>RSC Advances</i> , 2013, 3, 24215.	1.7	9
100	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
101	Generation of Chimeric $\alpha$ -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
102	Peptide Nanofiber Scaffolds for Multipotent Stromal Cell Culturing. <i>Methods in Molecular Biology</i> , 2013, 1058, 61-76.	0.4	0
103	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
104	Peptide nanofibers for controlled growth factor release. <i>Therapeutic Delivery</i> , 2013, 4, 651-654.	1.2	4
105	Supramolecular Polymers: Mussel Inspired Dynamic Cross-Linking of Self-Healing Peptide Nanofiber Network ( <i>Adv. Funct. Mater.</i> 16/2013). <i>Advanced Functional Materials</i> , 2013, 23, 2100-2100.	7.8	2
106	Surface-adhesive and osteogenic self-assembled peptide nanofibers for bioinspired functionalization of titanium surfaces. <i>Soft Matter</i> , 2012, 8, 3929.	1.2	42
107	A supramolecular peptide nanofiber templated Pd nanocatalyst for efficient Suzuki coupling reactions under aqueous conditions. <i>Chemical Communications</i> , 2012, 48, 11358.	2.2	44
108	Amyloid Inspired Self-Assembled Peptide Nanofibers. <i>Biomacromolecules</i> , 2012, 13, 3377-3387.	2.6	46

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109	Encapsulation of a zinc phthalocyanine derivative in self-assembled peptide nanofibers. <i>Journal of Materials Chemistry</i> , 2012, 22, 2553-2559.	6.7	20
110	Growth Factor Binding on Heparin Mimetic Peptide Nanofibers. <i>Biomacromolecules</i> , 2012, 13, 3311-3319.	2.6	95
111	Self-Assembled Peptide Nanofiber Templated One-Dimensional Gold Nanostructures Exhibiting Resistive Switching. <i>Langmuir</i> , 2012, 28, 16347-16354.	1.6	46
112	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
113	A hybrid nanofiber matrix to control the survival and maturation of brain neurons. <i>Biomaterials</i> , 2012, 33, 545-555.	5.7	86
114	Microscopic characterization of peptide nanostructures. <i>Micron</i> , 2012, 43, 69-84.	1.1	41
115	Materials for Articular Cartilage Regeneration. <i>Recent Patents on Biomedical Engineering</i> , 2012, 5, 187-199.	0.5	2
116	Grating coupler integrated photodiodes for plasmon resonance based sensing. <i>Lab on A Chip</i> , 2011, 11, 282-287.	3.1	33
117	Heparin Mimetic Peptide Nanofibers Promote Angiogenesis. <i>Biomacromolecules</i> , 2011, 12, 3508-3519.	2.6	127
118	Interfiber interactions alter the stiffness of gels formed by supramolecular self-assembled nanofibers. <i>Soft Matter</i> , 2011, 7, 3524.	1.2	42
119	Slow Release and Delivery of Antisense Oligonucleotide Drug by Self-Assembled Peptide Amphiphile Nanofibers. <i>Biomacromolecules</i> , 2011, 12, 3007-3014.	2.6	67
120	Self-Assembled Template-Directed Synthesis of One-Dimensional Silica and Titania Nanostructures. <i>Langmuir</i> , 2011, 27, 1079-1084.	1.6	63
121	Peptide functionalized superparamagnetic iron oxide nanoparticles as MRI contrast agents. <i>Journal of Materials Chemistry</i> , 2011, 21, 15157.	6.7	42
122	Template-Directed Synthesis of Silica Nanotubes for Explosive Detection. <i>ACS Applied Materials &amp; Interfaces</i> , 2011, 3, 4159-4164.	4.0	36
123	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
124	Template free preparation of nanoporous organically modified silica thin films on flexible substrates. <i>Journal of Materials Chemistry</i> , 2011, 21, 14830.	6.7	31
125	Highly Transparent, Flexible, and Thermally Stable Superhydrophobic ORMOSIL Aerogel Thin Films. <i>ACS Applied Materials &amp; Interfaces</i> , 2011, 3, 539-545.	4.0	191
126	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



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127	Nanomechanical characterization by double-pass force-distance mapping. <i>Nanotechnology</i> , 2011, 22, 295704.	1.3	5
128	The effects of applied load on the coefficient of friction in Cu-MMC brake pad/Al-SiCp MMC brake disc system. <i>Wear</i> , 2010, 270, 73-82.	1.5	103
129	Self-assembled one-dimensional soft nanostructures. <i>Soft Matter</i> , 2010, 6, 5839.	1.2	75
130	Template-Free Synthesis of Organically Modified Silica Mesoporous Thin Films for TNT Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , 2010, 2, 2892-2897.	4.0	33
131	Self-assembled peptidic nanostructures. <i>Nano Today</i> , 2009, 4, 458-469.	6.2	61
132	Hybrid bone implants: Self-assembly of peptide amphiphile nanofibers within porous titanium. <i>Biomaterials</i> , 2008, 29, 161-171.	5.7	216
133	A Self-Assembled Nanofiber Catalyst for Ester Hydrolysis. <i>Journal of the American Chemical Society</i> , 2007, 129, 12082-12083.	6.6	239
134	The internal structure of self-assembled peptide amphiphiles nanofibers. <i>Soft Matter</i> , 2007, 3, 454.	1.2	123
135	Supramolecular crafting of cell adhesion. <i>Biomaterials</i> , 2007, 28, 4608-4618.	5.7	213
136	Presentation of RGDS Epitopes on Self-Assembled Nanofibers of Branched Peptide Amphiphiles. <i>Biomacromolecules</i> , 2006, 7, 1855-1863.	2.6	187
137	Branched peptide-amphiphiles as self-assembling coatings for tissue engineering scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , 2006, 78A, 157-167.	2.1	148
138	Intermolecular Forces in the Self-Assembly of Peptide Amphiphile Nanofibers. <i>Advanced Functional Materials</i> , 2006, 16, 499-508.	7.8	274
139	Magnetic Resonance Imaging of Self-Assembled Biomaterial Scaffolds. <i>Bioconjugate Chemistry</i> , 2005, 16, 1343-1348.	1.8	92
140	Encapsulation of pyrene within self-assembled peptide amphiphile nanofibers. <i>Journal of Materials Chemistry</i> , 2005, 15, 4507.	6.7	108
141	Enhanced Oligonucleotide Binding to Self-Assembled Nanofibers. <i>Bioconjugate Chemistry</i> , 2005, 16, 501-503.	1.8	51
142	Self-Assembled Peptide Amphiphile Nanofibers Conjugated to MRI Contrast Agents. <i>Nano Letters</i> , 2005, 5, 1-4.	4.5	243
143	Presentation and Recognition of Biotin on Nanofibers Formed by Branched Peptide Amphiphiles. <i>Nano Letters</i> , 2005, 5, 249-252.	4.5	122
144	Encapsulation of Carbon Nanotubes by Self-Assembling Peptide Amphiphiles. <i>Langmuir</i> , 2005, 21, 4705-4709.	1.6	139