

Mustafa O Guler

List of Publications by Year in descending order

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144
papers

6,967
citations

53794

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69250

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158
all docs

158
docs citations

158
times ranked

8702
citing authors

#	ARTICLE	IF	CITATIONS
1	Intermolecular Forces in the Self-Assembly of Peptide Amphiphile Nanofibers. <i>Advanced Functional Materials</i> , 2006, 16, 499-508.	14.9	274
2	Self-Assembled Peptide Amphiphile Nanofibers Conjugated to MRI Contrast Agents. <i>Nano Letters</i> , 2005, 5, 1-4.	9.1	243
3	A Self-Assembled Nanofiber Catalyst for Ester Hydrolysis. <i>Journal of the American Chemical Society</i> , 2007, 129, 12082-12083.	13.7	239
4	Hybrid bone implants: Self-assembly of peptide amphiphile nanofibers within porous titanium. <i>Biomaterials</i> , 2008, 29, 161-171.	11.4	216
5	Supramolecular crafting of cell adhesion. <i>Biomaterials</i> , 2007, 28, 4608-4618.	11.4	213
6	Highly Transparent, Flexible, and Thermally Stable Superhydrophobic ORMOSIL Aerogel Thin Films. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 539-545.	8.0	191
7	Presentation of RGDS Epitopes on Self-Assembled Nanofibers of Branched Peptide Amphiphiles. <i>Biomacromolecules</i> , 2006, 7, 1855-1863.	5.4	187
8	Branched peptide-amphiphiles as self-assembling coatings for tissue engineering scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , 2006, 78A, 157-167.	4.0	148
9	Selective adhesion and growth of vascular endothelial cells on bioactive peptide nanofiber functionalized stainless steel surface. <i>Biomaterials</i> , 2011, 32, 8797-8805.	11.4	146
10	Facile Synthesis of Three-dimensional Pt-TiO ₂ Nano-networks: A Highly Active Catalyst for the Hydrolytic Dehydrogenation of Ammonia-Borane. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12257-12261.	13.8	141
11	Encapsulation of Carbon Nanotubes by Self-Assembling Peptide Amphiphiles. <i>Langmuir</i> , 2005, 21, 4705-4709.	3.5	139
12	Heparin Mimetic Peptide Nanofibers Promote Angiogenesis. <i>Biomacromolecules</i> , 2011, 12, 3508-3519.	5.4	127
13	The internal structure of self-assembled peptide amphiphiles nanofibers. <i>Soft Matter</i> , 2007, 3, 454.	2.7	123
14	Mussel Inspired Dynamic Cross-Linking of Self-Healing Peptide Nanofiber Network. <i>Advanced Functional Materials</i> , 2013, 23, 2081-2090.	14.9	123
15	Presentation and Recognition of Biotin on Nanofibers Formed by Branched Peptide Amphiphiles. <i>Nano Letters</i> , 2005, 5, 249-252.	9.1	122
16	Self-Assembled Proteins and Peptides as Scaffolds for Tissue Regeneration. <i>Advanced Healthcare Materials</i> , 2015, 4, 2557-2586.	7.6	114
17	Encapsulation of pyrene within self-assembled peptide amphiphile nanofibers. <i>Journal of Materials Chemistry</i> , 2005, 15, 4507.	6.7	108
18	Recent advances in bioactive 1D and 2D carbon nanomaterials for biomedical applications. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 2433-2454.	3.3	104

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19	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.	3.1	103
20	Growth Factor Binding on Heparin Mimetic Peptide Nanofibers. <i>Biomacromolecules</i> , 2012, 13, 3311-3319.	5.4	95
21	A Heterojunction Design of Single Layer Hole Tunneling ZnO Passivation Wrapping around TiO ₂ Nanowires for Superior Photocatalytic Performance. <i>Scientific Reports</i> , 2016, 6, 30587.	3.3	95
22	Magnetic Resonance Imaging of Self-Assembled Biomaterial Scaffolds. <i>Bioconjugate Chemistry</i> , 2005, 16, 1343-1348.	3.6	92
23	Bioactive Supramolecular Peptide Nanofibers for Regenerative Medicine. <i>Advanced Healthcare Materials</i> , 2014, 3, 1357-1376.	7.6	90
24	Heparin mimetic peptide nanofiber gel promotes regeneration of full thickness burn injury. <i>Biomaterials</i> , 2017, 134, 117-127.	11.4	89
25	A hybrid nanofiber matrix to control the survival and maturation of brain neurons. <i>Biomaterials</i> , 2012, 33, 545-555.	11.4	86
26	Self-assembled peptide nanostructures for functional materials. <i>Nanotechnology</i> , 2016, 27, 402002.	2.6	76
27	Self-assembled one-dimensional soft nanostructures. <i>Soft Matter</i> , 2010, 6, 5839.	2.7	75
28	Intracellular Accumulation of Gold Nanoparticles Leads to Inhibition of Macropinocytosis to Reduce the Endoplasmic Reticulum Stress. <i>Scientific Reports</i> , 2017, 7, 40493.	3.3	75
29	Supramolecular GAG-like Self-Assembled Glycopeptide Nanofibers Induce Chondrogenesis and Cartilage Regeneration. <i>Biomacromolecules</i> , 2016, 17, 679-689.	5.4	73
30	Cooperative effect of heparan sulfate and laminin mimetic peptide nanofibers on the promotion of neurite outgrowth. <i>Acta Biomaterialia</i> , 2012, 8, 2077-2086.	8.3	69
31	Self-Assembled Peptide Amphiphile Nanofibers and PEG Composite Hydrogels as Tunable ECM Mimetic Microenvironment. <i>Biomacromolecules</i> , 2015, 16, 1247-1258.	5.4	69
32	Slow Release and Delivery of Antisense Oligonucleotide Drug by Self-Assembled Peptide Amphiphile Nanofibers. <i>Biomacromolecules</i> , 2011, 12, 3007-3014.	5.4	67
33	Self-Assembled Template-Directed Synthesis of One-Dimensional Silica and Titania Nanostructures. <i>Langmuir</i> , 2011, 27, 1079-1084.	3.5	63
34	Bioactive self-assembled peptide nanofibers for corneal stroma regeneration. <i>Acta Biomaterialia</i> , 2014, 10, 1156-1166.	8.3	62
35	Self-assembled peptidic nanostructures. <i>Nano Today</i> , 2009, 4, 458-469.	11.9	61
36	Electrostatic effects on nanofiber formation of self-assembling peptide amphiphiles. <i>Journal of Colloid and Interface Science</i> , 2011, 356, 131-137.	9.4	59

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37	Alkaline Phosphatase-Mimicking Peptide Nanofibers for Osteogenic Differentiation. <i>Biomacromolecules</i> , 2015, 16, 2198-2208.	5.4	59
38	Label-Free Nanometer-Resolution Imaging of Biological Architectures through Surface Enhanced Raman Scattering. <i>Scientific Reports</i> , 2013, 3, 2624.	3.3	57
39	Local delivery of doxorubicin through supramolecular peptide amphiphile nanofiber gels. <i>Biomaterials Science</i> , 2017, 5, 67-76.	5.4	57
40	Fabrication of Supramolecular n/p-Nanowires <i>via</i> Coassembly of Oppositely Charged Peptide-Chromophore Systems in Aqueous Media. <i>ACS Nano</i> , 2017, 11, 6881-6892.	14.6	56
41	Nanoengineering Hybrid Supramolecular Multilayered Biomaterials Using Polysaccharides and Self-Assembling Peptide Amphiphiles. <i>Advanced Functional Materials</i> , 2017, 27, 1605122.	14.9	53
42	Enhanced Oligonucleotide Binding to Self-Assembled Nanofibers. <i>Bioconjugate Chemistry</i> , 2005, 16, 501-503.	3.6	51
43	Glycosaminoglycan mimetic peptide nanofibers promote mineralization by osteogenic cells. <i>Acta Biomaterialia</i> , 2013, 9, 9075-9085.	8.3	48
44	Catalytic supramolecular self-assembled peptide nanostructures for ester hydrolysis. <i>Journal of Materials Chemistry B</i> , 2016, 4, 4605-4611.	5.8	47
45	Amyloid Inspired Self-Assembled Peptide Nanofibers. <i>Biomacromolecules</i> , 2012, 13, 3377-3387.	5.4	46
46	Self-Assembled Peptide Nanofiber Templated One-Dimensional Gold Nanostructures Exhibiting Resistive Switching. <i>Langmuir</i> , 2012, 28, 16347-16354.	3.5	46
47	A supramolecular peptide nanofiber templated Pd nanocatalyst for efficient Suzuki coupling reactions under aqueous conditions. <i>Chemical Communications</i> , 2012, 48, 11358.	4.1	44
48	Bone-Like Mineral Nucleating Peptide Nanofibers Induce Differentiation of Human Mesenchymal Stem Cells into Mature Osteoblasts. <i>Biomacromolecules</i> , 2014, 15, 2407-2418.	5.4	44
49	Tuning viscoelastic properties of supramolecular peptide gels via dynamic covalent crosslinking. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 1983-1987.	2.8	44
50	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.	2.5	43
51	Interfiber interactions alter the stiffness of gels formed by supramolecular self-assembled nanofibers. <i>Soft Matter</i> , 2011, 7, 3524.	2.7	42
52	Peptide functionalized superparamagnetic iron oxide nanoparticles as MRI contrast agents. <i>Journal of Materials Chemistry</i> , 2011, 21, 15157.	6.7	42
53	Surface-adhesive and osteogenic self-assembled peptide nanofibers for bioinspired functionalization of titanium surfaces. <i>Soft Matter</i> , 2012, 8, 3929.	2.7	42
54	Angiogenic peptide nanofibers repair cardiac tissue defect after myocardial infarction. <i>Acta Biomaterialia</i> , 2017, 58, 102-112.	8.3	42

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55	Microscopic characterization of peptide nanostructures. <i>Micron</i> , 2012, 43, 69-84.	2.2	41
56	Biocompatible Electroactive Tetra(aniline)-Conjugated Peptide Nanofibers for Neural Differentiation. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 308-317.	8.0	41
57	Inhibition of VEGF mediated corneal neovascularization by anti-angiogenic peptide nanofibers. <i>Biomaterials</i> , 2016, 107, 124-132.	11.4	40
58	Virus-like nanostructures for tuning immune response. <i>Scientific Reports</i> , 2015, 5, 16728.	3.3	39
59	Chondrogenic Differentiation of Mesenchymal Stem Cells on Glycosaminoglycan-Mimetic Peptide Nanofibers. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 871-878.	5.2	38
60	Bioactive peptide functionalized aligned cyclodextrin nanofibers for neurite outgrowth. <i>Journal of Materials Chemistry B</i> , 2017, 5, 517-524.	5.8	38
61	Size-controlled conformal nanofabrication of biotemplated three-dimensional TiO ₂ and ZnO nanonetworks. <i>Scientific Reports</i> , 2013, 3, 2306.	3.3	37
62	Template-Directed Synthesis of Silica Nanotubes for Explosive Detection. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 4159-4164.	8.0	36
63	Effects of temperature, pH and counterions on the stability of peptide amphiphile nanofiber structures. <i>RSC Advances</i> , 2016, 6, 104201-104214.	3.6	36
64	Supramolecular chirality in self-assembled peptide amphiphile nanostructures. <i>Chemical Communications</i> , 2015, 51, 12470-12473.	4.1	35
65	Improving pancreatic islet in vitro functionality and transplantation efficiency by using heparin mimetic peptide nanofiber gels. <i>Acta Biomaterialia</i> , 2015, 22, 8-18.	8.3	35
66	Facile Synthesis of Three-Dimensional Pt@TiO ₂ Nano-networks: A Highly Active Catalyst for the Hydrolytic Dehydrogenation of Ammonia-Borane. <i>Angewandte Chemie</i> , 2016, 128, 12445-12449.	2.0	35
67	Neural differentiation on synthetic scaffold materials. <i>Biomaterials Science</i> , 2013, 1, 1119.	5.4	34
68	Template-Free Synthesis of Organically Modified Silica Mesoporous Thin Films for TNT Sensing. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 2892-2897.	8.0	33
69	Grating coupler integrated photodiodes for plasmon resonance based sensing. <i>Lab on A Chip</i> , 2011, 11, 282-287.	6.0	33
70	Growth and Differentiation of Prechondrogenic Cells on Bioactive Self-Assembled Peptide Nanofibers. <i>Biomacromolecules</i> , 2013, 14, 17-26.	5.4	33
71	Cellular Internalization of Therapeutic Oligonucleotides by Peptide Amphiphile Nanofibers and Nanospheres. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 11280-11287.	8.0	33
72	Hierarchical Self-Assembly of Histidine-Functionalized Peptide Amphiphiles into Supramolecular Chiral Nanostructures. <i>Langmuir</i> , 2017, 33, 7947-7956.	3.5	32

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73	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
74	Angiogenic Peptide Nanofibers Improve Wound Healing in STZ-Induced Diabetic Rats. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 1180-1189.	5.2	31
75	Angiogenic Heparin-Mimetic Peptide Nanofiber Gel Improves Regenerative Healing of Acute Wounds. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 1296-1303.	5.2	30
76	Multivalent Presentation of Cationic Peptides on Supramolecular Nanofibers for Antimicrobial Activity. <i>Molecular Pharmaceutics</i> , 2017, 14, 3660-3668.	4.6	30
77	Protective therapeutic effects of peptide nanofiber and hyaluronic acid hybrid membrane in in vivo osteoarthritis model. <i>Acta Biomaterialia</i> , 2018, 73, 263-274.	8.3	29
78	Laminin mimetic peptide nanofibers regenerate acute muscle defect. <i>Acta Biomaterialia</i> , 2017, 60, 190-200.	8.3	28
79	Oligonucleotide Delivery with Cell Surface Binding and Cell Penetrating Peptide Amphiphile Nanospheres. <i>Molecular Pharmaceutics</i> , 2015, 12, 1584-1591.	4.6	27
80	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.	5.4	27
81	Diabetic wound regeneration using heparin-mimetic peptide amphiphile gel in db/db mice. <i>Biomaterials Science</i> , 2017, 5, 1293-1303.	5.4	27
82	Tenascin-C derived signaling induces neuronal differentiation in a three-dimensional peptide nanofiber gel. <i>Biomaterials Science</i> , 2018, 6, 1859-1868.	5.4	27
83	Cell penetrating peptide amphiphile integrated liposomal systems for enhanced delivery of anticancer drugs to tumor cells. <i>Faraday Discussions</i> , 2013, 166, 269.	3.2	26
84	Dentin Phosphoprotein Mimetic Peptide Nanofibers Promote Biomineralization. <i>Macromolecular Bioscience</i> , 2019, 19, e1800080.	4.1	26
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.	5.4	25
86	Tenascin-C Mimetic Peptide Nanofibers Direct Stem Cell Differentiation to Osteogenic Lineage. <i>Biomacromolecules</i> , 2014, 15, 4480-4487.	5.4	25
87	Atomic force microscopy for the investigation of molecular and cellular behavior. <i>Micron</i> , 2016, 89, 60-76.	2.2	25
88	A glycosaminoglycan mimetic peptide nanofiber gel as an osteoinductive scaffold. <i>Biomaterials Science</i> , 2016, 4, 1328-1339.	5.4	25
89	N-Cadherin Mimetic Peptide Nanofiber System Induces Chondrogenic Differentiation of Mesenchymal Stem Cells. <i>Bioconjugate Chemistry</i> , 2019, 30, 2417-2426.	3.6	25
90	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.	8.0	24

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91	Amyloid-like peptide nanofiber templated titania nanostructures as dye sensitized solar cell anodic materials. <i>Journal of Materials Chemistry A</i> , 2013, 1, 10979.	10.3	23
92	Basal Lamina Mimetic Nanofibrous Peptide Networks for Skeletal Myogenesis. <i>Scientific Reports</i> , 2015, 5, 16460.	3.3	23
93	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.	8.0	23
94	Promotion of neurite outgrowth by rationally designed NGF- β binding peptide nanofibers. <i>Biomaterials Science</i> , 2018, 6, 1777-1790.	5.4	23
95	Regenerative effects of peptide nanofibers in an experimental model of Parkinson's disease. <i>Acta Biomaterialia</i> , 2016, 46, 79-90.	8.3	22
96	Collagen Peptide Presenting Nanofibrous Scaffold for Intervertebral Disc Regeneration. <i>ACS Applied Bio Materials</i> , 2019, 2, 1686-1695.	4.6	22
97	Encapsulation of a zinc phthalocyanine derivative in self-assembled peptide nanofibers. <i>Journal of Materials Chemistry</i> , 2012, 22, 2553-2559.	6.7	20
98	Noncovalent functionalization of mesoporous silica nanoparticles with amphiphilic peptides. <i>Journal of Materials Chemistry B</i> , 2014, 2, 2168-2174.	5.8	20
99	Thermal evolution of structure and photocatalytic activity in polymer microsphere templated TiO ₂ microbowls. <i>Applied Surface Science</i> , 2014, 308, 50-57.	6.1	20
100	Sciatic nerve regeneration induced by glycosaminoglycan and laminin mimetic peptide nanofiber gels. <i>RSC Advances</i> , 2016, 6, 110535-110547.	3.6	20
101	Amphiphilic peptide coated superparamagnetic iron oxide nanoparticles for in vivo MR tumor imaging. <i>RSC Advances</i> , 2016, 6, 45135-45146.	3.6	19
102	Three-Dimensional Laminin Mimetic Peptide Nanofiber Gels for In Vitro Neural Differentiation. <i>Biotechnology Journal</i> , 2017, 12, 1700080.	3.5	19
103	Supramolecular Peptide Nanofiber Morphology Affects Mechanotransduction of Stem Cells. <i>Biomacromolecules</i> , 2017, 18, 3114-3130.	5.4	18
104	The design and fabrication of supramolecular semiconductor nanowires formed by benzothienobenzothiophene (BTBT)-conjugated peptides. <i>Nanoscale</i> , 2018, 10, 9987-9995.	5.6	18
105	Biocompatible Supramolecular Catalytic One-Dimensional Nanofibers for Efficient Labeling of Live Cells. <i>Bioconjugate Chemistry</i> , 2015, 26, 2371-2375.	3.6	17
106	In Situ functionalization of Poly(hydroxyethyl methacrylate) Cryogels with Oligopeptides via β -Cyclodextrin-Adamantane Complexation for Studying Cell-Instructive Peptide Environment. <i>ACS Applied Bio Materials</i> , 2020, 3, 1116-1128.	4.6	17
107	Supramolecular Nanostructure Formation of Coassembled Amyloid Inspired Peptides. <i>Langmuir</i> , 2016, 32, 6506-6514.	3.5	16
108	Mineralized Peptide Nanofiber Gels for Enhanced Osteogenic Differentiation. <i>ChemNanoMat</i> , 2018, 4, 837-845.	2.8	15

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109	One-Dimensional Peptide Nanostructure Templated Growth of Iron Phosphate Nanostructures for Lithium-Ion Battery Cathodes. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 17421-17427.	8.0	14
110	Gemcitabine Integrated Nano-Prodrug Carrier System. <i>Bioconjugate Chemistry</i> , 2017, 28, 1491-1498.	3.6	14
111	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.	5.8	14
112	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.	3.6	14
113	Peptide-Based Materials for Cartilage Tissue Regeneration. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1030, 155-166.	1.6	14
114	Peptide gels for controlled release of proteins. <i>Therapeutic Delivery</i> , 2020, 11, 193-211.	2.2	14
115	Neuroactive Peptide Nanofibers for Regeneration of Spinal Cord after Injury. <i>Macromolecular Bioscience</i> , 2021, 21, 2000234.	4.1	14
116	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.	2.5	14
117	Biotin Functionalized Self-Assembled Peptide Nanofiber as an Adjuvant for Immunomodulatory Response. <i>Biotechnology Journal</i> , 2020, 15, e2000100.	3.5	12
118	Nanomechanical Characterization of Osteogenic Differentiation of Mesenchymal Stem Cells on Bioactive Peptide Nanofiber Hydrogels. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700090.	3.7	10
119	Probe microscopy methods and applications in imaging of biological materials. <i>Seminars in Cell and Developmental Biology</i> , 2018, 73, 153-164.	5.0	10
120	Noncovalent functionalization of a nanofibrous network with a bio-inspired heavy metal binding peptide. <i>RSC Advances</i> , 2013, 3, 24215.	3.6	9
121	Using nanogap in label-free impedance based electrical biosensors to overcome electrical double layer effect. <i>Microsystem Technologies</i> , 2017, 23, 889-897.	2.0	8
122	Water-insoluble polymer-free uniform nanofibers of peracetylated cyclodextrin by electrospinning. <i>Journal of Materials Science</i> , 2020, 55, 11752-11762.	3.7	8
123	Self-assembled peptide nanofiber templated ALD growth of TiO ₂ and ZnO semiconductor nanonetworks. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2016, 213, 3238-3244.	1.8	7
124	Force and time-dependent self-assembly, disruption and recovery of supramolecular peptide amphiphile nanofibers. <i>Nanotechnology</i> , 2018, 29, 285701.	2.6	7
125	Generation of Chimeric α -ABS Nanohemostat-Complex and Comparing Its Histomorphological In Vivo Effects to the Traditional Ankaferd Hemostat in Controlled Experimental Partial Nephrectomy Model. <i>International Journal of Biomaterials</i> , 2013, 2013, 1-10.	2.4	6
126	Extracellular Matrix Mimetic Peptide Scaffolds for Neural Stem Cell Culture and Differentiation. <i>Methods in Molecular Biology</i> , 2013, 1202, 131-148.	0.9	6

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127	Controlled enzymatic stability and release characteristics of supramolecular chiral peptide amphiphile nanofiber gels. <i>Current Applied Physics</i> , 2017, 17, 785-792.	2.4	6
128	Nanomechanical characterization by double-pass force-distance mapping. <i>Nanotechnology</i> , 2011, 22, 295704.	2.6	5
129	A Modular Antigen Presenting Peptide/Oligonucleotide Nanostructure Platform for Inducing Potent Immune Response. <i>Advanced Biology</i> , 2017, 1, e1700015.	3.0	5
130	Peptide nanofibers for controlled growth factor release. <i>Therapeutic Delivery</i> , 2013, 4, 651-654.	2.2	4
131	Bioactive peptide functionalized superparamagnetic iron oxide nanoparticles (SPIONs) for targeted imaging with MRI. , 2015, , .		3
132	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.	14.9	2
133	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, .	14.9	2
134	Materials for Articular Cartilage Regeneration. <i>Recent Patents on Biomedical Engineering</i> , 2012, 5, 187-199.	0.5	2
135	Functional gold nanoparticle coated surfaces for CA 125 cancer biomarker detection. <i>Turkish Journal of Chemistry</i> , 2015, 39, 697-713.	1.2	2
136	Next Generation Nanomedicine in the Genesis of "Ankaferd Blood Stopper Nanohemostat". <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2014, 20, 456-457.	1.7	1
137	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	0.78	1
138	Bioactive Nanomaterials for Neural Engineering. , 2016, , 181-206.		1
139	Nanomaterials for Medicine. , 2016, , 1-6.		1
140	Mechanical Properties of Differentiating Stem Cells on Peptide Nanofibers. <i>Biophysical Journal</i> , 2016, 110, 624a.	0.5	1
141	Self-assembled peptide nanostructures and their gels for regenerative medicine applications. , 2018, , 455-473.		1
142	Peptide Nanofiber Scaffolds for Multipotent Stromal Cell Culturing. <i>Methods in Molecular Biology</i> , 2013, 1058, 61-76.	0.9	0
143	Design of amphiphilic peptide nanofibers. , 2020, , 185-197.		0
144	Design and Synthesis of Peptides for Developing Biomaterials. <i>RSC Soft Matter</i> , 2020, , 1-18.	0.4	0