Subhas C Kundu

List of Publications by Citations

249 papers	18,376 citations	62 h-index	131 g-index
261 ext. papers	21,126 ext. citations	7 avg, IF	7.26 L-index

#	Paper	IF	Citations
249	Electrospinning: a fascinating fiber fabrication technique. *Biotechnology Advances*, **2010**, 28, 325-47	17.8	3136
248	CHARMM general force field: A force field for drug-like molecules compatible with the CHARMM all-atom additive biological force fields. *Journal of Computational Chemistry*, **2010**, 31, 671-90	3.5	2953
247	Silk fibroin biomaterials for tissue regenerations. *Advanced Drug Delivery Reviews*, **2013**, 65, 457-70	18.5	818
246	Cell proliferation and migration in silk fibroin 3D scaffolds. *Biomaterials*, **2009**, 30, 2956-65	15.6	410
245	Silk proteins for biomedical applications: Bioengineering perspectives. *Progress in Polymer Science*, **2014**, 39, 251-267	29.6	293
244	Silk protein-based hydrogels: Promising advanced materials for biomedical applications. *Acta Biomaterialia*, **2016**, 31, 17-32	10.8	273
243	Natural protective glue protein, sericin bioengineered by silkworms: Potential for biomedical and biotechnological applications. *Progress in Polymer Science*, **2008**, 33, 998-1012	29.6	250
242	Silk fibroin/polyacrylamide semi-interpenetrating network hydrogels for controlled drug release. *Biomaterials*, **2009**, 30, 2826-36	15.6	237
241	Silk fibroin nanoparticles for cellular uptake and control release. *International Journal of Pharmaceutics*, **2010**, 388, 242-50	6.5	233
240	Silk fibroin/hydroxyapatite composites for bone tissue engineering. *Biotechnology Advances*, **2018**, 36, 68-91	17.8	224
239	Biopolymeric nanoparticles. *Science and Technology of Advanced Materials*, **2010**, 11, 014104	7.1	202
238	Silk fibroin protein and chitosan polyelectrolyte complex porous scaffolds for tissue engineering applications. *Carbohydrate Polymers*, **2011**, 85, 325-333	10.3	195
237	The potential of celecoxib-loaded hydroxyapatite-chitosan nanocomposite for the treatment of colon cancer. *Biomaterials*, **2011**, 32, 3794-806	15.6	187
236	Silk protein fibroin from Antheraea mylitta for cardiac tissue engineering. *Biomaterials*, **2012**, 33, 2673-80	15.6	179
235	A Natural Silk Fibroin Protein-Based Transparent Bio-Memristor. *Advanced Functional Materials*, **2012**, 22, 4493-4499	15.6	163
234	Potential of 3-D tissue constructs engineered from bovine chondrocytes/silk fibroin-chitosan for in vitro cartilage tissue engineering. *Biomaterials*, **2011**, 32, 5773-81	15.6	162
233	Scavenging of nitrogen dioxide, thiyl, and sulfonyl free radicals by the nutritional antioxidant beta-carotene. *Journal of Biological Chemistry*, **1996**, 271, 3988-94	5.4	161

232	Silk scaffolds in bone tissue engineering: An overview. *Acta Biomaterialia*, **2017**, 63, 1-17	10.8	158
231	Novel silk sericin/gelatin 3-D scaffolds and 2-D films: fabrication and characterization for potential tissue engineering applications. *Acta Biomaterialia*, **2009**, 5, 3007-20	10.8	156
230	Chondrogenic differentiation of rat MSCs on porous scaffolds of silk fibroin/chitosan blends. *Biomaterials*, **2012**, 33, 2848-57	15.6	138
229	Exploring natural silk protein sericin for regenerative medicine: an injectable, photoluminescent, cell-adhesive 3D hydrogel. *Scientific Reports*, **2014**, 4, 7064	4.9	138
228	Invited review nonmulberry silk biopolymers. *Biopolymers*, **2012**, 97, 455-67	2.2	137
227	Silk sericin/polyacrylamide in situ forming hydrogels for dermal reconstruction. *Biomaterials*, **2012**, 33, 7456-67	15.6	136
226	Antioxidant potential of silk protein sericin against hydrogen peroxide-induced oxidative stress in skin fibroblasts. *BMB Reports*, **2008**, 41, 236-41	5.5	133
225	Conducting polymer-silk biocomposites for flexible and biodegradable electrochemical sensors. *Biosensors and Bioelectronics*, **2016**, 81, 294-302	11.8	128
224	Silk sericin protein of tropical tasar silkworm inhibits UVB-induced apoptosis in human skin keratinocytes. *Molecular and Cellular Biochemistry*, **2008**, 311, 111-9	4.2	122
223	Non-bioengineered silk fibroin protein 3D scaffolds for potential biotechnological and tissue engineering applications. *Macromolecular Bioscience*, **2008**, 8, 807-18	5.5	118
222	Organ-on-chip models of cancer metastasis for future personalized medicine: From chip to the patient. *Biomaterials*, **2017**, 149, 98-115	15.6	112
221	Engineered silk fibroin protein 3D matrices for in vitro tumor model. *Biomaterials*, **2011**, 32, 2149-59	15.6	112
220	Antineoplastic and apoptotic potential of traditional medicines thymoquinone and diosgenin in squamous cell carcinoma. *PLoS ONE*, **2012**, 7, e46641	3.7	106
219	Silk fibroin/poly(vinyl alcohol) photocrosslinked hydrogels for delivery of macromolecular drugs. *Acta Biomaterialia*, **2012**, 8, 1720-9	10.8	103
218	Drug loading and release on tumor cells using silk fibroin-albumin nanoparticles as carriers. *Nanotechnology*, **2013**, 24, 035103	3.4	103
217	Osteogenic and adipogenic differentiation of rat bone marrow cells on non-mulberry and mulberry silk gland fibroin 3D scaffolds. *Biomaterials*, **2009**, 30, 5019-30	15.6	98
216	Self-assembled silk sericin/poloxamer nanoparticles as nanocarriers of hydrophobic and hydrophilic drugs for targeted delivery. *Nanotechnology*, **2009**, 20, 355101	3.4	98
215	Transparent and flexible resistive switching memory devices with a very high ON/OFF ratio using gold nanoparticles embedded in a silk protein matrix. *Nanotechnology*, **2013**, 24, 345202	3.4	96

214	Silk fibroin protein from mulberry and non-mulberry silkworms: cytotoxicity, biocompatibility and kinetics of L929 murine fibroblast adhesion. *Journal of Materials Science: Materials in Medicine*, **2008**, 19, 2827-36	4.5	95
213	A novel method for dissolution and stabilization of non-mulberry silk gland protein fibroin using anionic surfactant sodium dodecyl sulfate. *Biotechnology and Bioengineering*, **2008**, 99, 1482-9	4.9	94
212	Protein Nanoparticles: Promising Platforms for Drug Delivery Applications. *ACS Biomaterials Science and Engineering*, **2018**, 4, 3939-3961	5.5	94
211	Silk gland sericin protein membranes: fabrication and characterization for potential biotechnological applications. *Journal of Biotechnology*, **2009**, 144, 321-9	3.7	93
210	Dual growth factor loaded nonmulberry silk fibroin/carbon nanofiber composite 3D scaffolds for in‐vitro and in‐vivo bone regeneration. *Biomaterials*, **2017**, 136, 67-85	15.6	92
209	Emerging tumor spheroids technologies for 3D in vitro cancer modeling. *Pharmacology & Therapeutics*, **2018**, 184, 201-211	13.9	90
208	Effect of initial cell seeding density on 3D-engineered silk fibroin scaffolds for articular cartilage tissue engineering. *Biomaterials*, **2011**, 32, 8927-37	15.6	89
207	Sustainable Release of Vancomycin from Silk Fibroin Nanoparticles for Treating Severe Bone Infection in Rat Tibia Osteomyelitis Model. *ACS Applied Materials & Interfaces*, **2017**, 9, 5128-5138	9.5	88
206	The promotion of osseointegration of titanium surfaces by coating with silk protein sericin. *Biomaterials*, **2013**, 34, 2855-64	15.6	88
205	Silk fibroin/gelatin multilayered films as a model system for controlled drug release. *European Journal of Pharmaceutical Sciences*, **2009**, 37, 160-71	5.1	87
204	Precise patterning of silk microstructures using photolithography. *Advanced Materials*, **2013**, 25, 6207-12	24	85
203	Non-bioengineered silk gland fibroin protein: characterization and evaluation of matrices for potential tissue engineering applications. *Biotechnology and Bioengineering*, **2008**, 100, 1237-50	4.9	83
202	Silk fibroin film from non-mulberry tropical tasar silkworms: A novel substrate for in vitro fibroblast culture. *Acta Biomaterialia*, **2009**, 5, 429-37	10.8	81
201	Purification and biochemical characterization of a 70 kDa sericin from tropical tasar silkworm, Antheraea mylitta. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2007**, 147, 129-34	2.3	77
200	Could 3D models of cancer enhance drug screening?. *Biomaterials*, **2020**, 232, 119744	15.6	72
199	Potential of electrospun core-shell structured gelatin-chitosan nanofibers for biomedical applications. *Carbohydrate Polymers*, **2016**, 136, 1098-107	10.3	71
198	Photolithographic Micropatterning of Conducting Polymers on Flexible Silk Matrices. *Advanced Materials*, **2016**, 28, 1406-12	24	71
197	Potential of 2D crosslinked sericin membranes with improved biostability for skin tissue engineering. *Cell and Tissue Research*, **2012**, 347, 783-94	4.2	70

196	Chitosan-Intercalated Montmorillonite/Poly(vinyl alcohol) Nanofibers as a Platform to Guide Neuronlike Differentiation of Human Dental Pulp Stem Cells. *ACS Applied Materials & Interfaces*, **2017**, 9, 11392-11404	9.5	69
195	A Non-Mulberry Silk Fibroin Protein Based 3D In Vitro Tumor Model for Evaluation of Anticancer Drug Activity. *Advanced Functional Materials*, **2012**, 22, 4778-4788	15.6	69
194	Isolation, purification and characterization of silk protein sericin from cocoon peduncles of tropical tasar silkworm, Antheraea mylitta. *International Journal of Biological Macromolecules*, **2006**, 38, 255-8	7.9	68
193	Silk protein lithography as a route to fabricate sericin microarchitectures. *Advanced Materials*, **2014**, 26, 4431-7	24	66
192	Silk fibroin/amniotic membrane 3D bi-layered artificial skin. *Biomedical Materials (Bristol)*, **2018**, 13, 035003	3.5	66
191	Silk hydrogels from non-mulberry and mulberry silkworm cocoons processed with ionic liquids. *Acta Biomaterialia*, **2013**, 9, 8972-82	10.8	64
190	Calcium alginate beads embedded in silk fibroin as 3D dual drug releasing scaffolds. *Biomaterials*, **2009**, 30, 5170-7	15.6	63
189	Hyaluronic Acid (HA)-Based Silk Fibroin/Zinc Oxide Core-Shell Electrospun Dressing for Burn Wound Management. *Macromolecular Bioscience*, **2020**, 20, e1900328	5.5	62
188	Porous ZnO nanorod for targeted delivery of doxorubicin: in vitro and in vivo response for therapeutic applications. *Journal of Materials Chemistry*, **2012**, 22, 24145		62
187	Biospinning by silkworms: silk fiber matrices for tissue engineering applications. *Acta Biomaterialia*, **2010**, 6, 360-71	10.8	62
186	Silk fibroin for skin injury repair: Where do things stand?. *Advanced Drug Delivery Reviews*, **2020**, 153, 28-53	18.5	62
185	Folate conjugated silk fibroin nanocarriers for targeted drug delivery. *Integrative Biology (United Kingdom)*, **2014**, 6, 203-14	3.7	61
184	Isolation and processing of silk proteins for biomedical applications. *International Journal of Biological Macromolecules*, **2014**, 70, 70-7	7.9	61
183	Targeted Delivery System Based on Gemcitabine-Loaded Silk Fibroin Nanoparticles for Lung Cancer Therapy. *ACS Applied Materials & Interfaces*, **2017**, 9, 31600-31611	9.5	61
182	Functionalized silk fibroin nanofibers as drug carriers: Advantages and challenges. *Journal of Controlled Release*, **2020**, 321, 324-347	11.7	58
181	Target specific delivery of anticancer drug in silk fibroin based 3D distribution model of bone-breast cancer cells. *ACS Applied Materials & Interfaces*, **2015**, 7, 2269-79	9.5	58
180	Non-mulberry silk sericin/poly (vinyl alcohol) hydrogel matrices for potential biotechnological applications. *International Journal of Biological Macromolecules*, **2011**, 49, 125-33	7.9	58
179	Silk fibroin nanoparticles support in vitro sustained antibiotic release and osteogenesis on titanium surface. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2016**, 12, 1193-204	6	57

178	Differential expression of the fibroin gene in developmental stages of silkworm, Antheraea mylitta (Saturniidae). *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2001**, 129, 197-204	2.3	56
177	Non-mulberry silk fibroin grafted PCL nanofibrous scaffold: Promising ECM for bone tissue engineering. *European Polymer Journal*, **2015**, 71, 490-509	5.2	54
176	3D biosensors in advanced medical diagnostics of high mortality diseases. *Biosensors and Bioelectronics*, **2019**, 130, 20-39	11.8	54
175	Skin equivalent tissue-engineered construct: co-cultured fibroblasts/ keratinocytes on 3D matrices of sericin hope cocoons. *PLoS ONE*, **2013**, 8, e74779	3.7	52
174	The fractal self-assembly of the silk protein sericin. *Soft Matter*, **2010**, 6, 2066	3.6	52
173	Osteochondral tissue engineering in vivo: a comparative study using layered silk fibroin scaffolds from mulberry and nonmulberry silkworms. *PLoS ONE*, **2013**, 8, e80004	3.7	51
172	3D Protein-Based Bilayer Artificial Skin for the Guided Scarless Healing of Third-Degree Burn Wounds in Vivo. *Biomacromolecules*, **2018**, 19, 2409-2422	6.9	50
171	Bio-inspired mineralization of hydroxyapatite in 3D silk fibroin hydrogel for bone tissue engineering. *Colloids and Surfaces B: Biointerfaces*, **2015**, 134, 339-45	6	49
170	Silk fibroin scaffolds for common cartilage injuries: Possibilities for future clinical applications. *European Polymer Journal*, **2019**, 115, 251-267	5.2	48
169	Modified dextran cross-linked electrospun gelatin nanofibres for biomedical applications. *Carbohydrate Polymers*, **2014**, 114, 467-475	10.3	48
168	Silk fibroin aerogels: potential scaffolds for tissue engineering applications. *Biomedical Materials (Bristol)*, **2015**, 10, 035002	3.5	47
167	Sericin-carboxymethyl cellulose porous matrices as cellular wound dressing material. *Journal of Biomedical Materials Research - Part A*, **2014**, 102, 1928-40	5.4	47
166	The influence of silkworm species on cellular interactions with novel PVA/silk sericin hydrogels. *Macromolecular Bioscience*, **2012**, 12, 322-32	5.5	47
165	Freeze-gelled silk fibroin protein scaffolds for potential applications in soft tissue engineering. *International Journal of Biological Macromolecules*, **2011**, 49, 260-7	7.9	47
164	Purification and characterization of fibroin from the tropical Saturniid silkworm, Antheraea mylitta. *Insect Biochemistry and Molecular Biology*, **2001**, 31, 1013-8	4.5	47
163	Electric Phenomenon: A Disregarded Tool in Tissue Engineering and Regenerative Medicine. *Trends in Biotechnology*, **2020**, 38, 24-49	15.1	47
162	Design, fabrication and characterization of silk fibroin-HPMC-PEG blended films as vehicle for transmucosal delivery. *Materials Science and Engineering C*, **2008**, 28, 1376-1380	8.3	46
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160	Implication of silk film RGD availability and surface roughness on cytoskeletal organization and proliferation of primary rat bone marrow cells. *Tissue Engineering - Part A*, **2010**, 16, 2391-403	3.9	44
159	Non-mulberry silk gland fibroin protein 3-D scaffold for enhanced differentiation of human mesenchymal stem cells into osteocytes. *Acta Biomaterialia*, **2009**, 5, 2579-90	10.8	44
158	Fabrication of Flexible, Fully Organic, Degradable Energy Storage Devices Using Silk Proteins. *ACS Applied Materials & Interfaces*, **2018**, 10, 9620-9628	9.5	43
157	Prospects of nonmulberry silk protein sericin-based nanofibrous matrices for wound healing - In vitro and in vivo investigations. *Acta Biomaterialia*, **2018**, 78, 137-150	10.8	43
156	Prospects of peripheral nerve tissue engineering using nerve guide conduits based on silk fibroin protein and other biopolymers. *International Materials Reviews*, **2017**, 62, 367-391	16.1	43
155	Resistive switching in natural silk fibroin protein-based bio-memristors. *Physica Status Solidi (A) Applications and Materials Science*, **2013**, 210, 1797-1805	1.6	43
154	Hydroxyapatite reinforced inherent RGD containing silk fibroin composite scaffolds: Promising platform for bone tissue engineering. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2017**, 13, 1745-1759	6	41
153	Non-mulberry silk fibroin grafted poly (ε-caprolactone)/nano hydroxyapatite nanofibrous scaffold for dual growth factor delivery to promote bone regeneration. *Journal of Colloid and Interface Science*, **2016**, 472, 16-33	9.3	41
152	Fabrication of sericin nanoparticles for controlled gene delivery. *RSC Advances*, **2014**, 4, 2137-2142	3.7	40
151	A silk fibroin based hepatocarcinoma model and the assessment of the drug response in hyaluronan-binding protein 1 overexpressed HepG2 cells. *Biomaterials*, **2013**, 34, 9462-74	15.6	39
150	Carbon Nanofiber Reinforced Nonmulberry Silk Protein Fibroin Nanobiocomposite for Tissue Engineering Applications. *ACS Applied Materials & Interfaces*, **2017**, 9, 19356-19370	9.5	39
149	Non-mulberry Silk Fibroin Biomaterial for Corneal Regeneration. *Scientific Reports*, **2016**, 6, 21840	4.9	39
148	Exploration of the tight structural-mechanical relationship in mulberry and non-mulberry silkworm silks. *Journal of Materials Chemistry B*, **2016**, 4, 4337-4347	7.3	39
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146	Engineered 3D Silk-Based Metastasis Models: Interactions Between Human Breast Adenocarcinoma, Mesenchymal Stem Cells and Osteoblast-Like Cells. *Advanced Functional Materials* , **2013**, 23, 5249-5260	15.6	38
145	Osteogenesis of human stem cells in silk biomaterial for regenerative therapy. *Progress in Polymer Science*, **2010**, 35, 1116-1127	29.6	38
144	Biopatterning of Silk Proteins for Soft Micro-optics. *ACS Applied Materials & Interfaces*, **2015**, 7, 8809-16	9.5	37
143	Silk sericin-alginate-chitosan microcapsules: hepatocytes encapsulation for enhanced cellular functions. *International Journal of Biological Macromolecules*, **2014**, 65, 258-66	7.9	37

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141	Mulberry non-engineered silk gland protein vis-□vis silk cocoon protein engineered by silkworms as biomaterial matrices. *Journal of Materials Science: Materials in Medicine*, **2008**, 19, 2679-89	4.5	36
140	The optical properties of regenerated silk fibroin films obtained from different sources. *Applied Physics Letters*, **2017**, 111, 103702	3.4	35
139	Mechanisms of free-radical scavenging by the nutritional antioxidant beta-carotene. *Biochemical Society Transactions*, **1995**, 23, 230S	5.1	35
138	Mechanical Property of Hydrogels and the Presence of Adipose Stem Cells in Tumor Stroma Affect Spheroid Formation in the 3D Osteosarcoma Model. *ACS Applied Materials & Interfaces*, **2019**, 11, 14548-14559	9.5	34
137	Formulation of Biologically-Inspired Silk-Based Drug Carriers for Pulmonary Delivery Targeted for Lung Cancer. *Scientific Reports*, **2015**, 5, 11878	4.9	34
136	Bio-inspired fabrication of fibroin cryogels from the muga silkworm Antheraea assamensis for liver tissue engineering. *Biomedical Materials (Bristol)*, **2013**, 8, 055003	3.5	34
135	Investigating the potential of combined growth factors delivery, from non-mulberry silk fibroin grafted poly(e-caprolactone)/hydroxyapatite nanofibrous scaffold, in bone tissue engineering. *Applied Materials Today*, **2016**, 5, 52-67	6.6	34
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133	Non-mulberry silk fibroin influence osteogenesis and osteoblast-macrophage cross talk on titanium based surface. *Scientific Reports*, **2014**, 4, 4745	4.9	33
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130	Metal nanoparticles triggered persistent negative photoconductivity in silk protein hydrogels. *Nanoscale*, **2016**, 8, 7695-703	7.7	32
129	Potential of inherent RGD containing silk fibroin-poly (□caprolactone) nanofibrous matrix for bone tissue engineering. *Cell and Tissue Research*, **2016**, 363, 525-40	4.2	31
128	Insulin-Loaded Silk Fibroin Microneedles as Sustained Release System. *ACS Biomaterials Science and Engineering*, **2019**, 5, 1887-1894	5.5	31
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126	Degradation pattern of porous CaCO3 and hydroxyapatite microspheres in vitro and in vivo for potential application in bone tissue engineering. *Colloids and Surfaces B: Biointerfaces*, **2016**, 143, 56-63	6	30
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123	Silk sericin microcapsules with hydroxyapatite shells: protection and modification of organic microcapsules by biomimetic mineralization. *Journal of Materials Chemistry B*, **2016**, 4, 340-347	7.3	28
122	An emerging functional natural silk biomaterial from the only domesticated non-mulberry silkworm Samia ricini. *Macromolecular Bioscience*, **2013**, 13, 1020-35	5.5	28
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120	Performance evaluation of a silk protein-based matrix for the enzymatic conversion of tyrosine to L-DOPA. *Biotechnology Journal*, **2008**, 3, 226-33	5.6	27
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118	Non-immunogenic, porous and antibacterial chitosan and Antheraea mylitta silk sericin hydrogels as potential dermal substitute. *Carbohydrate Polymers*, **2017**, 167, 196-209	10.3	26
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113	Fabricated porous silk fibroin particles for pH-responsive drug delivery and targeting of tumor cells. *Journal of Materials Science*, **2019**, 54, 3319-3330	4.3	24
112	Modulation of Hypertrophic Scar Formation Using Amniotic Membrane/Electrospun Silk Fibroin Bilayer Membrane in a Rabbit Ear Model. *ACS Biomaterials Science and Engineering*, **2019**, 5, 1487-1496	5.5	23
111	Repetitive DNA in tropical tasar silkworm Antheraea mylitta. *Gene*, **2006**, 370, 51-7	3.8	23
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107	Silk fibroin scaffolds with muscle-like elasticity support in vitro differentiation of human skeletal muscle cells. *Journal of Tissue Engineering and Regenerative Medicine*, **2017**, 11, 3178-3192	4.4	21

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104	Silk fibroin/sodium carboxymethylcellulose blended films for biotechnological applications. *Journal of Biomaterials Science, Polymer Edition*, **2011**, 22, 519-39	3.5	19
103	Dual drug delivery system based on pH-sensitive silk fibroin/alginate nanoparticles entrapped in PNIPAM hydrogel for treating severe infected burn wound. *Biofabrication*, **2020**, 13, 015005	10.5	19
102	Chinese Oak Tasar Silkworm Antheraea pernyi Silk Proteins: Current Strategies and Future Perspectives for Biomedical Applications. *Macromolecular Bioscience*, **2019**, 19, e1800252	5.5	19
101	Non-mulberry silk fibroin grafted poly(ε-caprolactone) nanofibrous scaffolds mineralized by electrodeposition: an optimal delivery system for growth factors to enhance bone regeneration. *RSC Advances*, **2016**, 6, 26835-26855	3.7	18
100	Co-Culture of Human Endothelial Cells and Foreskin Fibroblasts on 3D Silk-Fibrin Scaffolds Supports Vascularization. *Macromolecular Bioscience*, **2015**, 15, 1433-46	5.5	18
99	Sequential release of drugs from hollow manganese ferrite nanocarriers for breast cancer therapy. *Journal of Materials Chemistry B*, **2015**, 3, 90-101	7.3	17
98	Self-Assembling Silk-Based Nanofibers with Hierarchical Structures. *ACS Biomaterials Science and Engineering*, **2017**, 3, 2617-2627	5.5	17
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93	Highly elastomeric photocurable silk hydrogels. *International Journal of Biological Macromolecules*, **2019**, 134, 838-845	7.9	15
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91	Multifunctional nano-hydroxyapatite and alginate/gelatin based sticky gel composites for potential bone regeneration. *Materials Chemistry and Physics*, **2016**, 181, 227-233	4.4	15
90	Silk Fibroin/Polyvinyl Pyrrolidone Interpenetrating Polymer Network Hydrogels. *Polymers*, **2018**, 10,	4.5	15
89	Peptide-Modified Dendrimer Nanoparticles for Targeted Therapy of Colorectal Cancer. *Advanced Therapeutics*, **2019**, 2, 1900132	4.9	15

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