

Shuhui Yang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

307
citations

9
h-index

17
g-index

21
ext. papers

501
ext. citations

9
avg, IF

2.79
L-index

#	Paper	IF	Citations
19	Increased recruitment of endogenous stem cells and chondrogenic differentiation by a composite scaffold containing bone marrow homing peptide for cartilage regeneration. <i>Theranostics</i> , 2018 , 8, 5039-5058	12.1	57
18	In Situ Articular Cartilage Regeneration through Endogenous Reparative Cell Homing Using a Functional Bone Marrow-Specific Scaffolding System. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 38715-38728	9.5	38
17	Self-assembling peptide hydrogels functionalized with LN- and BDNF- mimicking epitopes synergistically enhance peripheral nerve regeneration. <i>Theranostics</i> , 2020 , 10, 8227-8249	12.1	31
16	A neurotrophic peptide-functionalized self-assembling peptide nanofiber hydrogel enhances rat sciatic nerve regeneration. <i>Nano Research</i> , 2018 , 11, 4599-4613	10	30
15	Synergistic effects of dual-presenting VEGF- and BDNF-mimetic peptide epitopes from self-assembling peptide hydrogels on peripheral nerve regeneration. <i>Nanoscale</i> , 2019 , 11, 19943-19958	7.7	30
14	Bioactive Self-Assembling Peptide Hydrogels Functionalized with Brain-Derived Neurotrophic Factor and Nerve Growth Factor Mimicking Peptides Synergistically Promote Peripheral Nerve Regeneration. <i>ACS Biomaterials Science and Engineering</i> , 2018 , 4, 2994-3005	5.5	28
13	A fully biodegradable and self-electrified device for neuroregenerative medicine. <i>Science Advances</i> , 2020 , 6,	14.3	26
12	Mineralized Collagen Modified Polymethyl Methacrylate Bone Cement for Osteoporotic Compression Vertebral Fracture at 1-Year Follow-up. <i>Spine</i> , 2019 , 44, 827-838	3.3	16
11	Bioactive poly (methyl methacrylate) bone cement for the treatment of osteoporotic vertebral compression fractures. <i>Theranostics</i> , 2020 , 10, 6544-6560	12.1	14
10	In Vitro Monolayer Culture of Dispersed Neural Stem Cells on the E-Cadherin-Based Substrate with Long-Term Stemness Maintenance. <i>ACS Omega</i> , 2019 , 4, 18136-18146	3.9	6
9	Aligned fibrin/functionalized self-assembling peptide interpenetrating nanofiber hydrogel presenting multi-cues promotes peripheral nerve functional recovery. <i>Bioactive Materials</i> , 2022 , 8, 529-544	16.7	6
8	Crosstalk between PC12 cells and endothelial cells in an artificial neurovascular niche constructed by a dual-functionalized self-assembling peptide nanofiber hydrogel. <i>Nano Research</i> , 1	10	5
7	A multi-modal delivery strategy for spinal cord regeneration using a composite hydrogel presenting biophysical and biochemical cues synergistically. <i>Biomaterials</i> , 2021 , 276, 120971	15.6	5
6	Structural alignment guides oriented migration and differentiation of endogenous neural stem cells for neurogenesis in brain injury treatment. <i>Biomaterials</i> , 2021 , 280, 121310	15.6	2
5	Modified poly(methyl methacrylate) bone cement in the treatment of K�hmel disease. <i>International Journal of Energy Production and Management</i> , 2021 , 8, rbaa051	5.3	2
4	Stem cell-homing hydrogel-based miR-29b-5p delivery promotes cartilage regeneration by suppressing senescence in an osteoarthritis rat model.. <i>Science Advances</i> , 2022 , 8, eabk0011	14.3	2
3	White matter regeneration induced by aligned fibrin nanofiber hydrogel contributes to motor functional recovery in canine T12 spinal cord injury.. <i>International Journal of Energy Production and Management</i> , 2022 , 9, rbab069	5.3	1

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| 2 | Chitosan Tubes Prefilled with Aligned Fibrin Nanofiber Hydrogel Enhance Facial Nerve Regeneration in Rabbits. <i>ACS Omega</i> , 2021 , 6, 26293-26301 | 3.9 | 1 |
| 1 | Biphasic mineralized collagen-based composite scaffold for cranial bone regeneration in developing sheep.. <i>International Journal of Energy Production and Management</i> , 2022 , 9, rbac004 | 5.3 | 0 |