Volha Liaudanskaya

List of Publications by Year
in descending order

10 papers	193 citations	1307594 7 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	303 citing authors

#	Article	IF	Citations
1	A Longâ€Living Bioengineered Neural Tissue Platform to Study Neurodegeneration. Macromolecular Bioscience, 2020, 20, e2000004.	4.1	36
2	Endogenous Two-Photon Excited Fluorescence Imaging Characterizes Neuron and Astrocyte Metabolic Responses to Manganese Toxicity. Scientific Reports, 2017, 7, 1041.	3.3	32
3	Enhancing bioactive properties of silk fibroin with diatom particles for bone tissue engineering applications. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 89-97.	2.7	29
4	Functional Characterization of Three-Dimensional Cortical Cultures for InÂVitro Modeling of Brain Networks. IScience, 2020, 23, 101434.	4.1	28
5	Modeling Controlled Cortical Impact Injury in 3D Brainâ€Like Tissue Cultures. Advanced Healthcare Materials, 2020, 9, e2000122.	7.6	21
6	Assessing the Impact of Electrohydrodynamic Jetting on Encapsulated Cell Viability, Proliferation, and Ability to Self-Assemble in Three-Dimensional Structures. Tissue Engineering - Part C: Methods, 2015, 21, 631-638.	2.1	20
7	Engineering advanced neural tissue constructs to mitigate acute cerebral inflammation after brain transplantation in rats. Biomaterials, 2019, 192, 510-522.	11.4	15
8	Integrated functional neuronal network analysis of 3D silk-collagen scaffold-based mouse cortical culture. STAR Protocols, 2021, 2, 100292.	1.2	7
9	Homeostasis maintenance of encapsulated cells. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 830-839.	2.7	3
10	Biomaterials: Magnetic Levitational Assembly for Living Material Fabrication (Adv. Healthcare Mater.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	7.6	2