

Dana Akilbekova

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

686
citations

1163117

8
h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

1801
citing authors

#	ARTICLE	IF	CITATIONS
1	Brillouin spectroscopy and radiography for assessment of viscoelastic and regenerative properties of mammalian bones. Journal of Biomedical Optics, 2018, 23, 1.	2.6	432
2	Biocompatible scaffolds based on natural polymers for regenerative medicine. International Journal of Biological Macromolecules, 2018, 114, 324-333.	7.5	54
3	Macrophage reprogramming: Influence of latex beads with various functional groups on macrophage phenotype and phagocytic uptake <i>in vitro</i> . Journal of Biomedical Materials Research - Part A, 2015, 103, 262-268.	4.0	46
4	Quantitative Characterization of Collagen in the Fibrotic Capsule Surrounding Implanted Polymeric Microparticles through Second Harmonic Generation Imaging. PLoS ONE, 2015, 10, e0130386.	2.5	38
5	Design of a Smartphone Plastic Optical Fiber Chemical Sensor for Hydrogen Sulfide Detection. IEEE Sensors Journal, 2017, 17, 6935-6940.	4.7	35
6	The effects of antiviral treatment on breast cancer cell line. Infectious Agents and Cancer, 2017, 12, 18.	2.6	30
7	Poly-L-arginine based materials as instructive substrates for fibroblast synthesis of collagen. Biomaterials, 2015, 63, 47-57.	11.4	22
8	Color center creation in LiF crystals irradiated with Xe, Kr and N ions: Dependence on fluence and beam current density. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 3005-3008.	1.4	10
9	Patient specific in situ 3D printing. , 2017, , 91-113.		10
10	The effect of polarized light on the organization of collagen secreted by fibroblasts. Lasers in Medical Science, 2018, 33, 539-547.	2.1	4
11	Poly-L-arginine modifications alter the organization and secretion of collagen in SKH1-E mice. Materials Science and Engineering C, 2020, 106, 110143.	7.3	3
12	Brillouin light scattering spectroscopy for tissue engineering application. , 2018, , .		2
13	All-POF Chemical H ₂ S Sensor Designed for Smartphone Operation. , 2018, , .		0
14	All-Plastic-Fiber Chemical H ₂ S Sensor on Smartphone. , 2018, , .		0