vladimir Bogush

List of Publications by Year
in descending order

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35	628	566801	580395
papers	citations	15 h-index	25 g-index

39	39	39	510
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Novel Model System for Design of Biomaterials Based on Recombinant Analogs of Spider Silk Proteins. Journal of NeuroImmune Pharmacology, 2009, 4, 17-27.	2.1	77
2	Tissue regeneration inÂvivo within recombinant spidroin 1 scaffolds. Biomaterials, 2012, 33, 3887-3898.	5.7	69
3	Tissue Engineered Neural Constructs Composed of Neural Precursor Cells, Recombinant Spidroin and PRP for Neural Tissue Regeneration. Scientific Reports, 2019, 9, 3161.	1.6	46
4	In vitro and in vivo biocompatibility studies of a recombinant analogue of spidroin 1 scaffolds. Journal of Biomedical Materials Research - Part A, 2011, 96A, 125-131.	2.1	44
5	Three-dimensional scaffold made from recombinant spider silk protein for tissue engineering. Doklady Biochemistry and Biophysics, 2009, 426, 127-130.	0.3	40
6	Novel Biodegradable Polymeric Microparticles Facilitate Scarless Wound Healing by Promoting Re-epithelialization and Inhibiting Fibrosis. Frontiers in Immunology, 2018, 9, 2851.	2.2	30
7	Use of buckwheat seed protease inhibitor gene for improvement of tobacco and potato plant resistance to biotic stress. Biochemistry (Moscow), 2009, 74, 260-267.	0.7	27
8	Fermentation optimization of a Saccharomyces cerevisiae strain producing 1F9 recombinant spidroin. Applied Biochemistry and Microbiology, 2015, 51, 766-773.	0.3	25
9	Recombinant Spidroins as the Basis for New Materials. ACS Biomaterials Science and Engineering, 2020, 6, 3745-3761.	2.6	25
10	Fabrication of hydrogel scaffolds via photocrosslinking of methacrylated silk fibroin. Biomedical Materials (Bristol), 2019, 14, 034102.	1.7	24
11	Title is missing!. Molecular Biology, 2003, 37, 554-560.	0.4	23
12	Functional Analysis of the Engineered Cardiac Tissue Grown on Recombinant Spidroin Fiber Meshes. PLoS ONE, 2015, 10, e0121155.	1.1	22
13	Creation of a Producent, Optimization of Expression, and Purification of Recombinant Yersinia Pseudotuberculosis L-Asparaginase. Bulletin of Experimental Biology and Medicine, 2011, 152, 219-223.	0.3	19
14	Novel 3D-microcarriers from recombinant spidroin for regenerative medicine. Doklady Biochemistry and Biophysics, 2015, 463, 232-235.	0.3	18
15	Spidroin Silk Fibers with Bioactive Motifs of Extracellular Proteins for Neural Tissue Engineering. ACS Omega, 2021, 6, 15264-15273.	1.6	16
16	Study of lamellae of a recombinant spider-web protein by atomic force microscopy. Biophysics (Russian Federation), 2011, 56, 3-7.	0.2	15
17	3D nanostructural analysis of silk fibroin and recombinant spidroin 1 scaffolds by scanning probe nanotomography. RSC Advances, 2014, 4, 60943-60947.	1.7	15
18	Biodegradable matrices from regenerated silk of Bombix mori. Doklady Biochemistry and Biophysics, 2010, 433, 201-204.	0.3	12

#	ARTICLE	IF	CITATIONS
19	Interaction of recombinant analogs of spider silk proteins 1F9 and 2E12 with phospholipid membranes. Biochimica Et Biophysica Acta - Biomembranes, 2010, 1798, 1172-1178.	1.4	10
20	The formation of a quaternary structure by recombinant analogs of spider silk proteins. Molecular Biology, 2010, 44, 150-157.	0.4	8
21	Effects of Recombinant Spidroin rS1/9 on Brain Neural Progenitors After Photothrombosis-Induced Ischemia. Frontiers in Cell and Developmental Biology, 2020, 8, 823.	1.8	8
22	Silk Fibroin/Spidroin Electrospun Scaffolds for Full-Thickness Skin Wound Healing in Rats. Pharmaceutics, 2021, 13, 1704.	2.0	7
23	Recombinant analogue of spidroin 2 for biomedical materials. Doklady Biochemistry and Biophysics, 2011, 441, 276-279.	0.3	5
24	Recombinant 1F9 spidroin microgels for murine full-thickness wound repairing. Doklady Biochemistry and Biophysics, 2016, 466, 9-12.	0.3	5
25	Characterization of biodegradable cell micro and macro carriers based on recombinant spidroin. Applied Biochemistry and Microbiology, 2014, 50, 780-788.	0.3	4
26	Nonwoven spidroin materials as scaffolds for ex vivo cultivation of aortic fragments and dorsal root ganglia. Journal of Biomaterials Science, Polymer Edition, 2022, 33, 1685-1703.	1.9	4
27	Left helix of polyproline II type and genesis of Î²-structures in spidroins 1 and 2 and their recombinant analogs. Biophysics (Russian Federation), 2009, 54, 271-274.	0.2	3
28	Photocurable Hydrogels Containing Spidroin or Fibroin. Moscow University Biological Sciences Bulletin, 2018, 73, 24-27.	0.1	3
29	Recombinant Spidroin Films Attenuate Individual Markers of Glucose Induced Aging in NIH 3T3 Fibroblasts. Biochemistry (Moscow), 2020, 85, 808-819.	0.7	3
30	Akt and Src mediate the photocrosslinked fibroin-induced neural differentiation.. NeuroReport, 2020, 31, 770-775.	0.6	3
31	COMPARATIVE ANALYSIS OF THREE-DIMENSIONAL NANOSTRUCTURE OF POROUS BIOCOMPATIBLE SCAFFOLDS MADE OF RECOMBINANT SPIDROIN AND SILK FIBROIN FOR REGENERATIVE MEDICINE. Vestnik Transplantologii I Iskusstvennykh Organov, 2015, 17, 37-44.	0.1	3
32	Molecular genetic analysis of collection of transgenic tobacco plants with buckwheat serine proteases inhibitor gene during long-term subculture. Russian Journal of Genetics, 2017, 53, 1200-1210.	0.2	2
33	Photocurable Films Based on Fibroin and Gelatin for Skin Regeneration. Moscow University Biological Sciences Bulletin, 2020, 75, 20-25.	0.1	1
34	A study of biomedical properties of hydrogels based on recombinant spidroin after their sterilization. Polymer Science - Series D, 2016, 9, 219-222.	0.2	0
35	Comparative Analysis of Transgenic Tobacco Plants with Different Heterologic Plant Defensive Genes. Russian Journal of Genetics, 2020, 56, 307-316.	0.2	0