

Satoshi Fujita

List of Publications by Year in descending order

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43
papers

733
citations

516710

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552781

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43
all docs

43
docs citations

43
times ranked

1209
citing authors

#	ARTICLE	IF	CITATIONS
1	Time-lapse observation of cell alignment on nanogrooved patterns. <i>Journal of the Royal Society Interface</i> , 2009, 6, S269-77.	3.4	139
2	Native collagen hydrogel nanofibres with anisotropic structure using core-shell electrospinning. <i>Scientific Reports</i> , 2018, 8, 6248.	3.3	78
3	Cell orientation and regulation of cell-cell communication in human mesenchymal stem cells on different patterns of electrospun fibers. <i>Biomedical Materials (Bristol)</i> , 2013, 8, 055002.	3.3	52
4	Expression of vascular cell adhesion molecule-1 indicates the differentiation potential of human bone marrow stromal cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 365, 406-412.	2.1	39
5	Microencapsulated feeder cells as a source of soluble factors for expansion of CD34+ hematopoietic stem cells. <i>Biomaterials</i> , 2007, 28, 4795-4805.	11.4	34
6	Enhanced protein internalization and efficient endosomal escape using polyampholyte-modified liposomes and freeze concentration. <i>Nanoscale</i> , 2016, 8, 15888-15901.	5.6	33
7	Geometrically customizable alginate hydrogel nanofibers for cell culture platforms. <i>Journal of Materials Chemistry B</i> , 2019, 7, 6556-6563.	5.8	32
8	Direct cryopreservation of adherent cells on an elastic nanofiber sheet featuring a low glass-transition temperature. <i>RSC Advances</i> , 2017, 7, 51264-51271.	3.6	28
9	Supercritical CO ₂ -assisted embossing for studying cell behaviour on microtextured surfaces. <i>Biomaterials</i> , 2008, 29, 4494-4500.	11.4	26
10	Complex film of chitosan and carboxymethyl cellulose nanofibers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 139, 95-99.	5.0	23
11	Electrospun collagen core/poly-L-lactic acid shell nanofibers for prolonged release of hydrophilic drug. <i>RSC Advances</i> , 2021, 11, 5703-5711.	3.6	23
12	Atomic force microscopy visualization of hard segment alignment in stretched polyurethane nanofibers prepared by electrospinning. <i>Science and Technology of Advanced Materials</i> , 2014, 15, 015008.	6.1	22
13	Design of Hydroxy-Functionalized Thermoresponsive Copolymers: Improved Direct Radical Polymerization of Hydroxy-Functional Vinyl Ethers. <i>Macromolecules</i> , 2017, 50, 8346-8356.	4.8	20
14	Competitive Binding Assay for Thyroxine Using in Vitro Selected Oligonucleotides. <i>Analytical Chemistry</i> , 1998, 70, 3510-3512.	6.5	19
15	Morphologic Studies of Hepatocytes Entrapped in Hollow Fibers of a Bioartificial Liver. <i>ASAIO Journal</i> , 2000, 46, 49-55.	1.6	19
16	Clonal Analysis of Hematopoiesis-Supporting Activity of Human Mesenchymal Stem Cells in Association with Jagged1 Expression and Osteogenic Potential. <i>Cell Transplantation</i> , 2008, 17, 1169-1179.	2.5	17
17	Biohybrid hematopoietic niche for expansion of hematopoietic stem/progenitor cells by using geometrically controlled fibrous layers. <i>RSC Advances</i> , 2015, 5, 80357-80364.	3.6	17
18	Fabrication of tough, anisotropic, chemical-crosslinker-free poly(vinyl alcohol) nanofibrous cryogels via electrospinning. <i>RSC Advances</i> , 2020, 10, 38045-38054.	3.6	15

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19	Control of Differentiation of Human Mesenchymal Stem Cells by Altering the Geometry of Nanofibers. <i>Journal of Nanotechnology</i> , 2012, 2012, 1-9.	3.4	14
20	Hyaluronic Acid Hydrogel Crosslinked with Complementary DNAs. <i>Advances in Polymer Technology</i> , 2020, 2020, 1-7.	1.7	12
21	A Freeze-Concentration and Polyampholyte-Modified Liposome-Based Antigen-Delivery System for Effective Immunotherapy. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700207.	7.6	9
22	Transmission Electron Microscopic Study of Hepatocytes in Bioartificial Liver. <i>Tissue Engineering</i> , 2000, 6, 627-640.	4.6	7
23	Cell Trapping via Migratory Inhibition within Density-Tuned Electrospun Nanofibers. <i>ACS Applied Bio Materials</i> , 2021, 4, 7456-7466.	4.6	7
24	Substrates for Human Pluripotent Stem Cell Cultures in Conditioned Medium of Mesenchymal Stem Cells. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2012, 23, 153-165.	3.5	6
25	Effect of low temperature preservation and cell density on metabolic function in a bioartificial liver. <i>Biotechnology and Bioprocess Engineering</i> , 2003, 8, 41-46.	2.6	5
26	Multiphoton Ionization Time-of-Flight Mass Spectrometry for the Detection of Bioactive Lignan. <i>Analytical Sciences</i> , 2016, 32, 255-257.	1.6	5
27	Self-expandable hydrogel biliary stent design utilizing the swelling property of poly(vinyl alcohol) hydrogel. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48851.	2.6	5
28	Nanofiber-Mimicking Hollow Ball Mimicking the Three-Dimensional Structure of a Cyst. <i>Polymers</i> , 2021, 13, 2273.	4.5	5
29	Electrospun Porous Nanofibers with Imprinted Patterns Induced by Phase Separation of Immiscible Polymer Blends. <i>ACS Omega</i> , 2022, 7, 19997-20005.	3.5	5
30	Hydrophilic-modified polyurethane nanofibre scaffolds for culture of hyperthermophiles. <i>Materials Letters</i> , 2012, 72, 88-91.	2.6	3
31	High-throughput evaluation of quiescent hematopoietic progenitor cells using a micro-multiwell plate. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 2753-2758.	3.7	2
32	Taiwanin A incorporated polyurethane fiber sheets for prevention of postoperative cancer recurrence. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2015, 26, 558-571.	3.5	2
33	One-Step Surface Immobilization of Protein A on Hydrogel Nanofibers by Core-Shell Electrospinning for Capturing Antibodies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9857.	4.1	2
34	Bundling of Cellulose Nanofibers in PEO Matrix by Aqueous Electrospinning. <i>Journal of Fiber Science and Technology</i> , 2021, 77, 223-230.	0.4	2
35	Preparation of bioartificial liver using hollow fibers with four different cut-off molecular weights. <i>Transplantation Proceedings</i> , 2000, 32, 1107-1108.	0.6	1
36	A holistic approach into the impact of sodium hypochlorite on polypropylene fibre reinforced concrete. <i>Construction and Building Materials</i> , 2015, 85, 175-181.	7.2	1

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37	Estimation of the Core-Shell Formation Efficiency of Electrospun Collagen/Poly(lactic Acid) Nanofibers. <i>Kobunshi Ronbunshu</i> , 2016, 73, 366-369.	0.2	1
38	<i>In Situ&/i> Radical Polymerization of <i>N&/i>-isopropylacrylamide in Electrospun Anisotropic Nanofiber of Poly (Ethylene Oxide). <i>Journal of Fiber Science and Technology</i> , 2021, 77, 40-45.	0.4	1
39	Electrospinning of Native Collagen Hydrogel Nanofibers. <i>Journal of Fiber Science and Technology</i> , 2018, 74, P-374-P-378.	0.0	1
40	Characterization and preliminary <i>in vivo</i> evaluation of a self-expandable hydrogel stent with anisotropic swelling behavior and endoscopic deliverability for use in biliary drainage. <i>Journal of Materials Chemistry B</i> , 2022, , .	5.8	1
41	Design and Fabrication of Conductive Nanofiber Using Electrospinning. <i>IEEJ Transactions on Sensors and Micromachines</i> , 2016, 136, 461-464.	0.1	0
42	Approach to Medical Application of Electrospun Nanofibers. <i>Journal of Fiber Science and Technology</i> , 2016, 72, P-206-P-206.	0.0	0
43	Functional evaluation of bioartificial liver using RT-PCR. <i>Bio-Medical Materials and Engineering</i> , 2005, 15, 211-8.	0.6	0