

Masamichi Kamihira

List of Publications by Year in descending order

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181
papers

3,615
citations

147566
31
h-index

174990
52
g-index

192
all docs

192
docs citations

192
times ranked

3500
citing authors

#	ARTICLE	IF	CITATIONS
1	Sterilization of microorganisms with supercritical carbon dioxide.. Agricultural and Biological Chemistry, 1987, 51, 407-412.	0.3	198
2	Development of hybrid viral vectors for gene therapy. Biotechnology Advances, 2013, 31, 208-223.	6.0	135
3	High-Level Expression of Single-Chain Fv-Fc Fusion Protein in Serum and Egg White of Genetically Manipulated Chickens by Using a Retroviral Vector. Journal of Virology, 2005, 79, 10864-10874.	1.5	124
4	Production of Transgenic Quails with High Frequency of Germ-Line Transmission Using VSV-G Pseudotyped Retroviral Vector. Biochemical and Biophysical Research Communications, 2001, 286, 456-463.	1.0	109
5	Genetically engineered angiogenic cell sheets using magnetic force-based gene delivery and tissue fabrication techniques. Biomaterials, 2010, 31, 1251-1259.	5.7	99
6	Induction of functional tissue-engineered skeletal muscle constructs by defined electrical stimulation. Scientific Reports, 2014, 4, 4781.	1.6	95
7	Construction of Heterotypic Cell Sheets by Magnetic Force-Based 3-D Coculture of HepG2 and NIH3T3 Cells. Journal of Bioscience and Bioengineering, 2007, 104, 371-378.	1.1	93
8	Preparation of artificial skeletal muscle tissues by a magnetic force-based tissue engineering technique. Journal of Bioscience and Bioengineering, 2009, 108, 538-543.	1.1	88
9	Purification of recombinant protein A by aqueous two-phase extraction integrated with affinity precipitation. Biotechnology and Bioengineering, 1992, 40, 1381-1387.	1.7	81
10	Type-specific separation of animal cells in aqueous two-phase systems using antibody conjugates with temperature-sensitive polymers. Biotechnology and Bioengineering, 2001, 75, 570-580.	1.7	78
11	Homologous Recombination-Independent Large Gene Cassette Knock-in in CHO Cells Using TALEN and MMEJ-Directed Donor Plasmids. International Journal of Molecular Sciences, 2015, 16, 23849-23866.	1.8	76
12	Effect of treatment with supercritical carbon dioxide on enzymatic activity.. Agricultural and Biological Chemistry, 1987, 51, 593-594.	0.3	75
13	Affinity binding of cells to cryogel adsorbents with immobilized specific ligands: effect of ligand coupling and matrix architecture. Journal of Molecular Recognition, 2005, 18, 84-93.	1.1	74
14	Functional Evaluation of Artificial Skeletal Muscle Tissue Constructs Fabricated by a Magnetic Force-Based Tissue Engineering Technique. Tissue Engineering - Part A, 2011, 17, 107-114.	1.6	71
15	Tissue Engineering Using Magnetite Nanoparticles. Progress in Molecular Biology and Translational Science, 2011, 104, 355-395.	0.9	68
16	Differentiation and Proliferation of Primary Rat Hepatocytes Cultured as Spheroids. Journal of Biochemistry, 1998, 124, 972-979.	0.9	53
17	Decellularized Liver Matrix-Modified Cryogel Scaffolds as Potential Hepatocyte Carriers in Bioartificial Liver Support Systems and Implantable Liver Constructs. ACS Applied Materials & Interfaces, 2018, 10, 114-126.	4.0	53
18	Fabrication of complex three-dimensional tissue architectures using a magnetic force-based cell patterning technique. Biomedical Microdevices, 2009, 11, 713-721.	1.4	52

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19	Improved hatching for in vitro quail embryo culture using surrogate eggshell and artificial vessel. <i>Development Growth and Differentiation</i> , 1998, 40, 449-455.	0.6	48
20	Heat-Inducible Gene Expression System by Applying Alternating Magnetic Field to Magnetic Nanoparticles. <i>ACS Synthetic Biology</i> , 2014, 3, 273-279.	1.9	47
21	Efficient Induction of Hepatocyte Spheroids in a Suspension Culture Using a Water-Soluble Synthetic Polymer as an Artificial Matrix. <i>Journal of Biochemistry</i> , 1998, 123, 1017-1023.	0.9	46
22	An accumulative site-specific gene integration system using cre recombinase-mediated cassette exchange. <i>Biotechnology and Bioengineering</i> , 2010, 105, 1106-1114.	1.7	43
23	Magnetic force-based cell patterning using Arg-Gly-Asp (RGD) peptide-conjugated magnetite cationic liposomes. <i>Journal of Bioscience and Bioengineering</i> , 2007, 104, 288-293.	1.1	42
24	Production of human erythropoietin by chimeric chickens. <i>Biochemical and Biophysical Research Communications</i> , 2008, 367, 834-839.	1.0	41
25	Affinity partitioning of protein using a magnetic aqueous two-phase system. <i>Journal of Bioscience and Bioengineering</i> , 1995, 80, 78-84.	0.9	39
26	Production of chimeric monoclonal antibodies by genetically manipulated chickens. <i>Journal of Biotechnology</i> , 2009, 141, 18-25.	1.9	39
27	Enhanced contractile force generation by artificial skeletal muscle tissues using IGF-I gene-engineered myoblast cells. <i>Journal of Bioscience and Bioengineering</i> , 2011, 112, 273-278.	1.1	38
28	Binding of Cu(II)-Poly(N-isopropylacrylamide/vinylimidazole) Copolymer to Histidine-Tagged Protein: A Surface Plasmon Resonance Study. <i>Langmuir</i> , 2003, 19, 865-871.	1.6	37
29	Production of recombinant human erythropoietin/Fc fusion protein by genetically manipulated chickens. <i>Transgenic Research</i> , 2010, 19, 187-195.	1.3	35
30	Construction of Cardiac Tissue Rings Using a Magnetic Tissue Fabrication Technique. <i>International Journal of Molecular Sciences</i> , 2010, 11, 2910-2920.	1.8	35
31	Repeated integration of antibody genes into a pre-selected chromosomal locus of CHO cells using an accumulative site-specific gene integration system. <i>Cytotechnology</i> , 2012, 64, 267-279.	0.7	32
32	Targeted knock-in of an scFv-Fc antibody gene into the hprt locus of Chinese hamster ovary cells using CRISPR/Cas9 and CRIS-PITCh systems. <i>Journal of Bioscience and Bioengineering</i> , 2018, 125, 599-605.	1.1	32
33	Transcriptional Coactivators CBP and p300 Cooperatively Enhance HNF-1 α -Mediated Expression of the Albumin Gene in Hepatocytes. <i>Journal of Biochemistry</i> , 2004, 136, 313-319.	0.9	30
34	Sterilization of Microorganisms with Supercritical Carbon Dioxide. <i>Agricultural and Biological Chemistry</i> , 1987, 51, 407-412.	0.3	29
35	Formation of inclusion complexes between cyclodextrins and aromatic compounds under pressurized carbon dioxide. <i>Journal of Bioscience and Bioengineering</i> , 1990, 69, 350-353.	0.9	29
36	Effect of dissolved oxygen concentration on monoclonal antibody production in hybridoma cell cultures. <i>Journal of Bioscience and Bioengineering</i> , 1992, 74, 372-378.	0.9	29

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37	Production of anti-prion scFv-Fc fusion proteins by recombinant animal cells. <i>Journal of Bioscience and Bioengineering</i> , 2003, 95, 231-238.	1.1	29
38	In vitro drug testing based on contractile activity of C2C12 cells in an epigenetic drug model. <i>Scientific Reports</i> , 2017, 7, 44570.	1.6	29
39	Self-organization of liver constitutive cells mediated by artificial matrix and improvement of liver functions in long-term culture. <i>Biochemical Engineering Journal</i> , 2001, 8, 135-143.	1.8	28
40	Spheroid Formation of Hepatocytes Using Synthetic Polymer. <i>Annals of the New York Academy of Sciences</i> , 1997, 831, 398-407.	1.8	28
41	Enhancement of Transfection Efficiency by Protamine in DDAB Lipid Vesicle-Mediated Gene Transfer. <i>Journal of Biochemistry</i> , 1999, 125, 1160-1167.	0.9	27
42	Kinetic study of hybridoma metabolism and antibody production in continuous culture using serum-free medium. <i>Journal of Bioscience and Bioengineering</i> , 1993, 76, 128-133.	0.9	26
43	Protamine-Modified DDAB Lipid Vesicles Promote Gene Transfer in the Presence of Serum. <i>Journal of Biochemistry</i> , 2001, 129, 125-132.	0.9	26
44	Accumulative gene integration into a pre-determined site using Cre/loxP. <i>Journal of Bioscience and Bioengineering</i> , 2012, 113, 381-388.	1.1	26
45	Specific separation of animal cells using aqueous two-phase systems. <i>Journal of Bioscience and Bioengineering</i> , 1996, 82, 73-76.	0.9	25
46	Peptides binding to a Gb3 mimic selected from a phage library. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2004, 1673, 131-138.	1.1	23
47	Production of recombinant tumor necrosis factor receptor/Fc fusion protein by genetically manipulated chickens. <i>Journal of Bioscience and Bioengineering</i> , 2008, 105, 454-459.	1.1	23
48	Fabrication of scaffold-free contractile skeletal muscle tissue using magnetite-incorporated myogenic C2C12 cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2010, 4, n/a-n/a.	1.3	23
49	Accumulative scFv-Fc antibody gene integration into the hprt chromosomal locus of Chinese hamster ovary cells. <i>Journal of Bioscience and Bioengineering</i> , 2017, 124, 583-590.	1.1	23
50	Size-Controlled Preparation of Microsized Perfluorocarbon Emulsions as Oxygen Carriers via the Shirasu Porous Glass Membrane Emulsification Technique. <i>Langmuir</i> , 2019, 35, 4094-4100.	1.6	22
51	Improved recombinant antibody production by CHO cells using a production enhancer DNA element with repeated transgene integration at a predetermined chromosomal site. <i>Journal of Bioscience and Bioengineering</i> , 2017, 123, 390-397.	1.1	21
52	T-cell receptor repertoires of tumor-infiltrating lymphocytes after hyperthermia using functionalized magnetite nanoparticles. <i>Nanomedicine</i> , 2013, 8, 891-902.	1.7	20
53	Characterization of transient expression system for retroviral vector production. <i>Journal of Bioscience and Bioengineering</i> , 2006, 101, 361-368.	1.1	19
54	Production of scFv-Fc fusion protein using genetically manipulated quails. <i>Journal of Bioscience and Bioengineering</i> , 2006, 102, 297-303.	1.1	19

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55	E-cadherin gene-engineered feeder systems for supporting undifferentiated growth of mouse embryonic stem cells. <i>Journal of Bioscience and Bioengineering</i> , 2010, 110, 582-587.	1.1	19
56	Surfactant-mediated gene transfer for animal cells. <i>Cytotechnology</i> , 1997, 25, 45-52.	0.7	18
57	Heat-inducible transgene expression system incorporating a positive feedback loop of transcriptional amplification for hyperthermia-induced gene therapy. <i>Journal of Bioscience and Bioengineering</i> , 2012, 114, 460-465.	1.1	18
58	Effects of heat stimulation and l-ascorbic acid 2-phosphate supplementation on myogenic differentiation of artificial skeletal muscle tissue constructs. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 1322-1331.	1.3	18
59	Novel neuromuscular junction model in 2D and 3D myotubes co-cultured with induced pluripotent stem cell-derived motor neurons. <i>Journal of Bioscience and Bioengineering</i> , 2020, 129, 486-493.	1.1	18
60	Synthesis of aspartame precursors by enzymatic reaction in supercritical carbon dioxide.. <i>Agricultural and Biological Chemistry</i> , 1987, 51, 3427-3428.	0.3	17
61	Production and characterization of monoclonal antibody to recombinant .ALPHA.-amylase.. <i>Journal of Chemical Engineering of Japan</i> , 1988, 21, 357-362.	0.3	17
62	Magnetic Separation of Cells in Coculture Systems Using Magnetite Cationic Liposomes. <i>Tissue Engineering - Part C: Methods</i> , 2009, 15, 413-423.	1.1	17
63	Effects of B-Cell Lymphoma 2 Gene Transfer to Myoblast Cells on Skeletal Muscle Tissue Formation Using Magnetic Force-Based Tissue Engineering. <i>Tissue Engineering - Part A</i> , 2013, 19, 307-315.	1.6	17
64	Transcutaneous Peptide Immunotherapy of Japanese Cedar Pollinosis Using Solid-in-Oil Nanodispersion Technology. <i>AAPS PharmSciTech</i> , 2015, 16, 1418-1424.	1.5	17
65	Improved contractile force generation of tissue-engineered skeletal muscle constructs by IGF-I and Bcl-2 gene transfer with electrical pulse stimulation. <i>Regenerative Therapy</i> , 2016, 3, 38-44.	1.4	17
66	Enhanced Hepatic Functions of Genetically Modified Mouse Hepatoma Cells by Spheroid Culture for Drug Toxicity Screening. <i>Biotechnology Journal</i> , 2017, 12, 1700274.	1.8	17
67	Rapid enzyme-linked immunosorbent assay with functional magnetite particles. <i>Journal of Bioscience and Bioengineering</i> , 1992, 73, 166-168.	0.9	16
68	Transport of human immunoglobulin G and Fc-fusion proteins to chicken egg yolk. <i>Journal of Bioscience and Bioengineering</i> , 2006, 102, 518-523.	1.1	16
69	Hollow Fiber Bioreactor Perfusion Culture System for Magnetic Force-Based Skeletal Muscle Tissue Engineering. <i>Journal of Chemical Engineering of Japan</i> , 2012, 45, 348-354.	0.3	16
70	Transcutaneous pollinosis immunotherapy using a solid-in-oil nanodispersion system carrying T cell epitope peptide and R848. <i>Bioengineering and Translational Medicine</i> , 2017, 2, 102-108.	3.9	16
71	Effect of Treatment with Supercritical Carbon Dioxide on Enzymatic Activity. <i>Agricultural and Biological Chemistry</i> , 1987, 51, 593-594.	0.3	15
72	Growth and Differentiation of Cultured Fetal Hepatocytes Isolated from Various Developmental Stages. <i>Bioscience, Biotechnology and Biochemistry</i> , 1999, 63, 395-401.	0.6	15

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73	Magnetic Concentration of a Retroviral Vector Using Magnetite Cationic Liposomes. <i>Tissue Engineering - Part C: Methods</i> , 2009, 15, 57-64.	1.1	15
74	Cell patterning using poly (ethylene glycol)-modified magnetite nanoparticles. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 92A, 1123-1130.	2.1	15
75	Oral Immunotherapy for Pollen Allergy Using T-Cell Epitope-Containing Egg White Derived from Genetically Manipulated Chickens. <i>PLoS ONE</i> , 2012, 7, e48512.	1.1	15
76	Enhancement of cell function through heterotypic cell-cell interactions using E-cadherin-expressing NIH3T3 cells. <i>Journal of Bioscience and Bioengineering</i> , 2008, 105, 679-682.	1.1	14
77	Development of Separation Technique for Stem Cells. , 2007, 106, 173-193.		14
78	Human beta defensin-3 engineered keratinocyte sheets constructed by a magnetic force-based tissue engineering technique. <i>Journal of Bioscience and Bioengineering</i> , 2009, 108, 244-247.	1.1	14
79	Chicken oviduct-specific expression of transgene by a hybrid ovalbumin enhancer and the Tet expression system. <i>Journal of Bioscience and Bioengineering</i> , 2012, 113, 146-153.	1.1	14
80	Continuous production of human erythropoietin by immobilized recombinant L-929 cells. <i>Journal of Bioscience and Bioengineering</i> , 1994, 77, 52-56.	0.9	13
81	Fractionation of IgG fragments using reversed micellar extraction. <i>Journal of Bioscience and Bioengineering</i> , 1994, 77, 80-84.	0.9	13
82	Alleviating liver failure conditions using an integrated hybrid cryogel based cellular bioreactor as a bioartificial liver support. <i>Scientific Reports</i> , 2017, 7, 40323.	1.6	13
83	Development of human-derived hemoglobin-albumin microspheres as oxygen carriers using Shirasu porous glass membrane emulsification. <i>Journal of Bioscience and Bioengineering</i> , 2018, 126, 533-539.	1.1	13
84	Removal of organic solvent from antibiotics with supercritical carbon dioxide. <i>Journal of Fermentation Technology</i> , 1987, 65, 71-75.	0.6	12
85	Effects of oxygen aeration on production of monoclonal antibody in immobilized hybridoma-cell bioreactor. <i>Journal of Bioscience and Bioengineering</i> , 1990, 69, 311-312.	0.9	12
86	Enhanced cell aggregation and liver functions using polymers modified with a cell-specific ligand in primary hepatocyte cultures. <i>Journal of Bioscience and Bioengineering</i> , 1999, 88, 557-562.	1.1	12
87	Enhanced liver functions in mouse hepatoma cells by induced overexpression of liver-enriched transcription factors. <i>Biochemical Engineering Journal</i> , 2012, 60, 67-73.	1.8	12
88	Improved transgene integration into the Chinese hamster ovary cell genome using the Cre-loxP system. <i>Journal of Bioscience and Bioengineering</i> , 2015, 120, 99-106.	1.1	12
89	Effects of type IV collagen on myogenic characteristics of IGF-I gene-engineered myoblasts. <i>Journal of Bioscience and Bioengineering</i> , 2015, 119, 596-603.	1.1	12
90	Effective utilization of horseradish and Wasabi by treatment with supercritical carbon dioxide. <i>Journal of Fermentation Technology</i> , 1988, 66, 347-353.	0.6	11

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91	A globotriaosylceramide (Gb3Cer) mimic peptide isolated from phage display library expressed strong neutralization to Shiga toxins. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2006, 1760, 883-889.	1.1	11
92	Adeno-associated virus Rep-mediated targeting of integrase-defective retroviral vector DNA circles into human chromosome 19. <i>Biochemical and Biophysical Research Communications</i> , 2012, 417, 78-83.	1.0	11
93	Hypoxia-responsive transgene expression system using RTP801 promoter and synthetic transactivator fused with oxygen-dependent degradation domain. <i>Journal of Bioscience and Bioengineering</i> , 2017, 124, 115-124.	1.1	11
94	Fabricating Muscle-Neuron Constructs with Improved Contractile Force Generation. <i>Tissue Engineering - Part A</i> , 2019, 25, 563-574.	1.6	11
95	Bioinspired Perfluorocarbon-Based Oxygen Carriers with Concave Shape and Deformable Shell. <i>Advanced Materials Technologies</i> , 2022, 7, 2100573.	3.0	11
96	Production of anti-prion scFv-Fc fusion proteins by recombinant animal cells. <i>Journal of Bioscience and Bioengineering</i> , 2003, 95, 231-8.	1.1	11
97	High cell density cultivation of anchorage-dependent cells using a novel macroporous cellulosic support. <i>Journal of Bioscience and Bioengineering</i> , 1992, 74, 27-31.	0.9	10
98	Application of pluronic F68 for aqueous two-phase extraction of proteins. <i>Journal of Chemical Engineering of Japan</i> , 1993, 26, 183-188.	0.3	10
99	Simple assay method for endocrine disruptors by in vitro quail embryo culture: Nonylphenol acts as a weak estrogen in quail embryos. <i>Journal of Bioscience and Bioengineering</i> , 2003, 95, 612-617.	1.1	10
100	Functional Role of RhoA in Growth Regulation of Primary Hepatocytes. <i>Journal of Biochemistry</i> , 2004, 135, 631-637.	0.9	10
101	Production of anti-CD2 chimeric antibody by recombinant animal cells. <i>Journal of Bioscience and Bioengineering</i> , 2004, 98, 298-303.	1.1	10
102	Targeted transgene insertion into the CHO cell genome using Cre recombinase-incorporating integrase-defective retroviral vectors. <i>Biotechnology and Bioengineering</i> , 2016, 113, 1600-1610.	1.7	10
103	Calcium carbonate supplementation to chorioallantoic membranes improves hatchability in shell-less chick embryo culture. <i>Journal of Bioscience and Bioengineering</i> , 2021, 131, 314-319.	1.1	10
104	Cre recombinase-mediated site-specific modification of a cellular genome using an integrase-defective retroviral vector. <i>Biotechnology and Bioengineering</i> , 2010, 107, 717-729.	1.7	9
105	Heat-inducible transgene expression with transcriptional amplification mediated by a transactivator. <i>International Journal of Hyperthermia</i> , 2012, 28, 788-798.	1.1	8
106	Cre-Mediated Transgene Integration in Chinese Hamster Ovary Cells Using Minicircle DNA Vectors. <i>Biotechnology Journal</i> , 2018, 13, e1800063.	1.8	8
107	Characterization of genetically engineered mouse hepatoma cells with inducible liver functions by overexpression of liver-enriched transcription factors. <i>Journal of Bioscience and Bioengineering</i> , 2018, 125, 131-139.	1.1	8
108	Enhancement of transfection efficiency using ligand-modified lipid vesicles. <i>Journal of Bioscience and Bioengineering</i> , 1998, 85, 525-528.	0.9	7

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109	Retroviral Gene Transduction into Chicken Embryo Gonads through Blood Circulation. <i>Journal of Bioscience and Bioengineering</i> , 2008, 106, 598-601.	1.1	7
110	Miniaturized skeletal muscle tissue fabrication for measuring contractile activity. <i>Journal of Bioscience and Bioengineering</i> , 2021, 131, 434-441.	1.1	7
111	Brewing of sakÅ© from rice and rice-koji defatted by supercritical carbon dioxide treatment. <i>Journal of Fermentation Technology</i> , 1987, 65, 211-214.	0.6	6
112	A new runaway type episomal vector for mammalian cells based on a temperature-sensitive simian virus 40 and inducible erythropoietin production. <i>Applied Microbiology and Biotechnology</i> , 1994, 41, 591-596.	1.7	6
113	Antibody-dependent gene transduction using gammaretroviral and lentiviral vectors pseudotyped with chimeric vesicular stomatitis virus glycoprotein. <i>Journal of Virological Methods</i> , 2008, 153, 49-54.	1.0	6
114	Magnetically triggered transgene expression in mammalian cells by localized cellular heating of magnetic nanoparticles. <i>Journal of Bioscience and Bioengineering</i> , 2019, 128, 355-364.	1.1	6
115	Targeted knock-in into the OVA locus of chicken cells using CRISPR/Cas9 system with homology-independent targeted integration. <i>Journal of Bioscience and Bioengineering</i> , 2020, 129, 363-370.	1.1	6
116	Novel cell line development strategy for monoclonal antibody manufacturing using translational enhancing technology. <i>Journal of Bioscience and Bioengineering</i> , 2022, 133, 273-280.	1.1	6
117	Continuous production of anti-erythropoietin antibody by immobilized hybridoma cells.. <i>Journal of Chemical Engineering of Japan</i> , 1989, 22, 282-286.	0.3	5
118	Exogenous gene transfection into quail embryo using cationic lipid vesicles. <i>Journal of Bioscience and Bioengineering</i> , 1998, 86, 118-120.	0.9	5
119	Intermittent addition of HGF and TGF-beta1 in rat primary hepatocyte culture. <i>Cytotechnology</i> , 1999, 31, 111-121.	0.7	5
120	Construction of tumor-specific cells expressing a membrane-anchored single-chain Fv of anti-ErbB-2 antibody. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2001, 1525, 191-196.	1.1	5
121	Transgenic Birds for the Production of Recombinant Proteins. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2004, 91, 171-189.	0.6	5
122	Magnetic separation of cells from developing embryoid bodies using magnetite cationic liposomes. <i>Journal of Bioscience and Bioengineering</i> , 2011, 112, 184-187.	1.1	5
123	Novel transgenic <i>Chlamydomonas reinhardtii</i> strain with retargetable genomic transgene integration using Cre-loxP system. <i>Journal of Bioscience and Bioengineering</i> , 2021, 132, 469-478.	1.1	5
124	Hypoxia-responsive expression of vascular endothelial growth factor for induction of angiogenesis in artificial three-dimensional tissues. <i>Journal of Bioscience and Bioengineering</i> , 2021, 132, 399-407.	1.1	5
125	Two-Phase Affinity Partitioning of Animal Cells: Implications of Multipoint Interactions. , 2002, , 163-180.		5
126	Rapid Purification of Monoclonal Antibody with Functional Magnetite Particles.. <i>Kagaku Kogaku Ronbunshu</i> , 1992, 18, 256-259.	0.1	4

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127	DNA damage-responsive transgene expression mediated by the p53 promoter with transcriptional amplification. <i>Journal of Bioscience and Bioengineering</i> , 2015, 120, 463-466.	1.1	4
128	Contractile Activity of Myotubes Derived from Human Induced Pluripotent Stem Cells: A Model of Duchenne Muscular Dystrophy. <i>Cells</i> , 2021, 10, 2556.	1.8	4
129	Novel cell lines derived from Chinese hamster kidney tissue. <i>PLoS ONE</i> , 2022, 17, e0266061.	1.1	4
130	Immobilization of animal cells using photo-crosslinkable resin. <i>Journal of Bioscience and Bioengineering</i> , 1993, 75, 138-144.	0.9	3
131	Integrase-mediated nonviral gene transfection with enhanced integration efficiency. <i>Journal of Bioscience and Bioengineering</i> , 1999, 88, 461-467.	1.1	3
132	Cre-mediated cellular modification for establishing producer CHO cells of recombinant scFv-Fc. <i>BMC Proceedings</i> , 2015, 9, .	1.8	3
133	Three-dimensional culture of a genetically modified hepatoma cell line using macroporous gelatin beads. <i>Cytotechnology</i> , 2017, 69, 925-931.	0.7	3
134	Targeted Gene Integration into Nuclear Genome of Microalgae Using Cre/loxP Recombination System. <i>MATEC Web of Conferences</i> , 2021, 333, 07003.	0.1	3
135	A bioartificial liver device based on three-dimensional culture of genetically engineered hepatoma cells using hollow fibers. <i>Cytotechnology</i> , 2020, 72, 227-237.	0.7	3
136	Enhancement of Contractile Force Generation of Artificial Skeletal Muscle Tissues by Mild and Transient Heat Treatment. <i>Current Pharmaceutical Biotechnology</i> , 2014, 14, 1083-1087.	0.9	3
137	HepG2-Based Designer Cells with Heat-Inducible Enhanced Liver Functions. <i>Cells</i> , 2022, 11, 1194.	1.8	3
138	Affinity Partitioning Using Magnetic Two-Phase Systems. , 2000, , 381-390.		2
139	YY1 binds to regulatory element of chicken lysozyme and ovalbumin promoters. <i>Cytotechnology</i> , 2007, 52, 159-170.	0.7	2
140	Magnetically labeled feeder system for mouse pluripotent stem cell culture. <i>Journal of Bioscience and Bioengineering</i> , 2015, 119, 614-616.	1.1	2
141	Magnetic Nanoparticles: Functionalization and Manufacturing of Pluripotent Stem Cells. <i>Advanced Structured Materials</i> , 2017, , 363-383.	0.3	2
142	Neural differentiation of mouse induced pluripotent stem cells using cadherin gene-engineered PA6 feeder cells. <i>Journal of Bioscience and Bioengineering</i> , 2019, 127, 633-640.	1.1	2
143	Targeted Knock-in of Transgenes into the CHO Cell Genome Using CRISPR-mediated Integration Systems. <i>MATEC Web of Conferences</i> , 2021, 333, 07001.	0.1	2
144	Purification of recombinant Î±-amylase with immuno-affinity chromatography using monoclonal antibody. <i>Journal of Fermentation Technology</i> , 1988, 66, 625-631.	0.6	1

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145	Inducible production of erythropoietin using new runaway-type vector by mammalian cell culture in spinner flask. Journal of Bioscience and Bioengineering, 1994, 78, 483-485.	0.9	1
146	Preparation of Perfluorocarbon Droplets Containing Proteins and Their Application to Protein Separation.. Kagaku Kogaku Ronbunshu, 1994, 20, 137-140.	0.1	1
147	Host range specificity of a novel runaway-type vector for mammalian cells. Journal of Bioscience and Bioengineering, 1995, 79, 360-362.	0.9	1
148	Growth induction of rat primary hepatocytes using antisense oligonucleotides. Journal of Bioscience and Bioengineering, 1999, 88, 310-315.	1.1	1
149	Transcriptional Regulation of the β -fetoprotein Gene by SWI/SNF Chromatin Remodeling Complex. Cytotechnology, 2005, 49, 143-151.	0.7	1
150	Fabrication of 3D Tissue-Like Structure Using Magnetite Nanoparticles and Magnetic Force. , 2006, , .		1
151	Generation of Gene-Engineered Human Hepatoma Cells with Heat-Inducible Liver Functions. MATEC Web of Conferences, 2021, 333, 07007.	0.1	1
152	Development of a genetically modified hepatoma cell line with heat-inducible high liver function. Cytotechnology, 2021, 73, 353-362.	0.7	1
153	Biochemical analysis of chicken ovalbumin promoter. , 2006, , 301-307.		1
154	Production of Antibody by Transgenic Avians. Cell Engineering, 2011, , 121-141.	0.4	1
155	Bioinspired Perfluorocarbon-Based Oxygen Carriers with Concave Shape and Deformable Shell (Adv. Tj ETQq1 1 0.784314 1gBT /Over 3.0 1)		1
156	Promotion of Cyst Formation from a Renal Stem Cell Line Using Organ-Specific Extracellular Matrix Gel Format Culture System. Gels, 2022, 8, 312.	2.1	1
157	Permeation Behavior of Organic Acids through a Membrane with Electrodialysis.. Kagaku Kogaku Ronbunshu, 1995, 21, 811-815.	0.1	0
158	Preparation of Temperature-Sensitive Antibody Fragments. Progress in Biotechnology, 2000, , 143-148.	0.2	0
159	Integration of Extraction with Affinity Precipitation. , 2000, , 371-379.		0
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