

# Hiroyuki Mizuguchi

## List of Publications by Citations

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117  
papers

2,546  
citations

25  
h-index

47  
g-index

122  
ext. papers

3,004  
ext. citations

5.4  
avg, IF

5.01  
L-index

#	Paper	IF	Citations
117	Efficient construction of a recombinant adenovirus vector by an improved in vitro ligation method. <i>Human Gene Therapy</i> , <b>1998</b> , 9, 2577-83	4.8	289
116	A simple method for constructing E1- and E1/E4-deleted recombinant adenoviral vectors. <i>Human Gene Therapy</i> , <b>1999</b> , 10, 2013-7	4.8	227
115	Optimization of transcriptional regulatory elements for constructing plasmid vectors. <i>Gene</i> , <b>2001</b> , 272, 149-56	3.8	155
114	Protective mucosal immunity mediated by epithelial CD1d and IL-10. <i>Nature</i> , <b>2014</b> , 509, 497-502	50.4	143
113	Prediction of interindividual differences in hepatic functions and drug sensitivity by using human iPSC-derived hepatocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 16772-7	11.5	139
112	Generation of fiber-modified adenovirus vectors containing heterologous peptides in both the HI loop and C terminus of the fiber knob. <i>Journal of Gene Medicine</i> , <b>2003</b> , 5, 267-76	3.5	92
111	Transplantation of a human iPSC-derived hepatocyte sheet increases survival in mice with acute liver failure. <i>Journal of Hepatology</i> , <b>2016</b> , 64, 1068-1075	13.4	91
110	Characterization of in vitro and in vivo gene transfer properties of adenovirus serotype 35 vector. <i>Molecular Therapy</i> , <b>2003</b> , 8, 813-21	11.7	90
109	Efficient gene transfer into mouse embryonic stem cells with adenovirus vectors. <i>Molecular Therapy</i> , <b>2005</b> , 12, 547-54	11.7	62
108	Highly efficient biallelic genome editing of human ES/iPS cells using a CRISPR/Cas9 or TALEN system. <i>Nucleic Acids Research</i> , <b>2017</b> , 45, 5198-5207	20.1	58
107	Modified adenoviral vectors ablated for coxsackievirus-adenovirus receptor, alphav integrin, and heparan sulfate binding reduce in vivo tissue transduction and toxicity. <i>Human Gene Therapy</i> , <b>2006</b> , 17, 264-79	4.8	58
106	Generation of safe and therapeutically effective human induced pluripotent stem cell-derived hepatocyte-like cells for regenerative medicine. <i>Hepatology Communications</i> , <b>2017</b> , 1, 1058-1069	6	43
105	Generation of enterocyte-like cells from human induced pluripotent stem cells for drug absorption and metabolism studies in human small intestine. <i>Scientific Reports</i> , <b>2015</b> , 5, 16479	4.9	39
104	Direct conversion of human fibroblasts into hepatocyte-like cells by ATF5, PROX1, FOXA2, FOXA3, and HNF4A transduction. <i>Scientific Reports</i> , <b>2017</b> , 7, 16675	4.9	38
103	Efficient Construction of a Recombinant Adenovirus Vector by an Improved In Vitro Ligation Method. <i>Human Gene Therapy</i> , <b>1998</b> , 9, 2577-2583	4.8	36
102	Human induced-pluripotent stem cell-derived hepatocyte-like cells as an in vitro model of human hepatitis B virus infection. <i>Scientific Reports</i> , <b>2017</b> , 7, 45698	4.9	34
101	Generation of Brain Microvascular Endothelial-Like Cells from Human Induced Pluripotent Stem Cells by Co-Culture with C6 Glioma Cells. <i>PLoS ONE</i> , <b>2015</b> , 10, e0128890	3.7	34

100	Ca(2+) spiking activity caused by the activation of store-operated Ca(2+) channels mediates TNF- $\alpha$ release from microglial cells under chronic purinergic stimulation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2013</b> , 1833, 2573-2585	4.9	33
99	Modeling of drug-mediated CYP3A4 induction by using human iPS cell-derived enterocyte-like cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 472, 631-6	3.4	33
98	Sensitive detection of viable circulating tumor cells using a novel conditionally telomerase-selective replicating adenovirus in non-small cell lung cancer patients. <i>Oncotarget</i> , <b>2017</b> , 8, 34884-34895	3.3	29
97	Enrichment of high-functioning human iPS cell-derived hepatocyte-like cells for pharmaceutical research. <i>Biomaterials</i> , <b>2018</b> , 161, 24-32	15.6	29
96	Efficient adenovirus vector-mediated PPAR gamma gene transfer into mouse embryoid bodies promotes adipocyte differentiation. <i>Journal of Gene Medicine</i> , <b>2008</b> , 10, 498-507	3.5	29
95	Efficient Generation of Small Intestinal Epithelial-like Cells from Human iPSCs for Drug Absorption and Metabolism Studies. <i>Stem Cell Reports</i> , <b>2018</b> , 11, 1539-1550	8	29
94	Hepatic maturation of human iPS cell-derived hepatocyte-like cells by ATF5, c/EBP $\beta$ and PROX1 transduction. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 469, 424-9	3.4	28
93	Billion-scale production of hepatocyte-like cells from human induced pluripotent stem cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 496, 1269-1275	3.4	25
92	Generation of a bile salt export pump deficiency model using patient-specific induced pluripotent stem cell-derived hepatocyte-like cells. <i>Scientific Reports</i> , <b>2017</b> , 7, 41806	4.9	23
91	Oncolytic Reovirus Inhibits Immunosuppressive Activity of Myeloid-Derived Suppressor Cells in a TLR3-Dependent Manner. <i>Journal of Immunology</i> , <b>2018</b> , 200, 2987-2999	5.3	20
90	Generation of human pluripotent stem cell-derived hepatocyte-like cells for drug toxicity screening. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2017</b> , 32, 12-20	2.2	20
89	Adenovirus vector-mediated efficient transduction into human embryonic and induced pluripotent stem cells. <i>Cellular Reprogramming</i> , <b>2010</b> , 12, 501-7	2.1	20
88	Laminin 411 and 511 promote the cholangiocyte differentiation of human induced pluripotent stem cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 474, 91-96	3.4	20
87	MicroRNA miR-27 Inhibits Adenovirus Infection by Suppressing the Expression of SNAP25 and TXN2. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	18
86	Immune Modulation by Telomerase-Specific Oncolytic Adenovirus Synergistically Enhances Antitumor Efficacy with Anti-PD1 Antibody. <i>Molecular Therapy</i> , <b>2020</b> , 28, 794-804	11.7	18
85	Efficient detection of human circulating tumor cells without significant production of false-positive cells by a novel conditionally replicating adenovirus. <i>Molecular Therapy - Methods and Clinical Development</i> , <b>2016</b> , 3, 16001	6.4	18
84	Enhanced Oncolytic Activities of the Telomerase-Specific Replication-Competent Adenovirus Expressing Short-Hairpin RNA against Dicer. <i>Molecular Cancer Therapeutics</i> , <b>2017</b> , 16, 251-259	6.1	18
83	Polyethyleneimine-coating enhances adenoviral transduction of mesenchymal stem cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 447, 383-7	3.4	18

82	Dicer functions as an antiviral system against human adenoviruses via cleavage of adenovirus-encoded noncoding RNA. <i>Scientific Reports</i> , <b>2016</b> , 6, 27598	4.9	18
81	Generation of Human iPSC-Derived Intestinal Epithelial Cell Monolayers by CDX2 Transduction. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , <b>2019</b> , 8, 513-526	7.9	17
80	Suppression of leaky expression of adenovirus genes by insertion of microRNA-targeted sequences in the replication-incompetent adenovirus vector genome. <i>Molecular Therapy - Methods and Clinical Development</i> , <b>2014</b> , 1, 14035	6.4	17
79	Human ESC/iPSC-Derived Hepatocyte-like Cells Achieve Zone-Specific Hepatic Properties by Modulation of WNT Signaling. <i>Molecular Therapy</i> , <b>2017</b> , 25, 1420-1433	11.7	15
78	Detection of circulating tumor cells in cervical cancer using a conditionally replicative adenovirus targeting telomerase-positive cells. <i>Cancer Science</i> , <b>2018</b> , 109, 231-240	6.9	14
77	Prediction of Differentiation Tendency Toward Hepatocytes from Gene Expression in Undifferentiated Human Pluripotent Stem Cells. <i>Stem Cells and Development</i> , <b>2016</b> , 25, 1884-1897	4.4	14
76	Human Herpesvirus-6 U14 Induces Cell-Cycle Arrest in G2/M Phase by Associating with a Cellular Protein, EDD. <i>PLoS ONE</i> , <b>2015</b> , 10, e0137420	3.7	14
75	Clinical features of squamous cell lung cancer with anaplastic lymphoma kinase (ALK)-rearrangement: a retrospective analysis and review. <i>Oncotarget</i> , <b>2018</b> , 9, 24000-24013	3.3	14
74	Correlation between adenovirus-neutralizing antibody titer and adenovirus vector-mediated transduction efficiency following intratumoral injection. <i>Anticancer Research</i> , <b>2012</b> , 32, 1145-52	2.3	13
73	Modeling of Hepatic Drug Metabolism and Responses in CYP2C19 Poor Metabolizer Using Genetically Manipulated Human iPS cells. <i>Drug Metabolism and Disposition</i> , <b>2019</b> , 47, 632-638	4	12
72	Isolation and expansion of human pluripotent stem cell-derived hepatic progenitor cells by growth factor defined serum-free culture conditions. <i>Experimental Cell Research</i> , <b>2017</b> , 352, 333-345	4.2	11
71	Hepatocyte Nuclear Factor 4 Alpha Promotes Definitive Endoderm Differentiation from Human Induced Pluripotent Stem Cells. <i>Stem Cell Reviews and Reports</i> , <b>2017</b> , 13, 542-551	6.4	11
70	Oncolytic Virus-Mediated Targeting of the ERK Signaling Pathway Inhibits Invasive Propensity in Human Pancreatic Cancer. <i>Molecular Therapy - Oncolytics</i> , <b>2020</b> , 17, 107-117	6.4	11
69	Targeted Photodynamic Virotherapy Armed with a Genetically Encoded Photosensitizer. <i>Molecular Cancer Therapeutics</i> , <b>2016</b> , 15, 199-208	6.1	11
68	Hepatitis C virus-induced innate immune responses in human iPS cell-derived hepatocyte-like cells. <i>Virus Research</i> , <b>2017</b> , 242, 7-15	6.4	11
67	A mammalian mirtron miR-1224 promotes tube-formation of human primary endothelial cells by targeting anti-angiogenic factor epsin2. <i>Scientific Reports</i> , <b>2017</b> , 7, 5541	4.9	11
66	Cationic liposome-mediated delivery of reovirus enhances the tumor cell-killing efficiencies of reovirus in reovirus-resistant tumor cells. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 524, 238-247	6.5	10
65	Adenovirus vector-based incorporation of a photo-cross-linkable amino acid into proteins in human primary cells and cancerous cell lines. <i>Scientific Reports</i> , <b>2016</b> , 6, 36946	4.9	10

64	A targeted adenovirus vector displaying a human fibronectin type III domain-based monoclonal antibody in a fiber protein. <i>Biomaterials</i> , <b>2013</b> , 34, 4191-4201	15.6	10
63	HHEX promotes hepatic-lineage specification through the negative regulation of eomesodermin. <i>PLoS ONE</i> , <b>2014</b> , 9, e90791	3.7	10
62	Type I Interferons Impede Short Hairpin RNA-Mediated RNAi via Inhibition of Dicer-Mediated Processing to Small Interfering RNA. <i>Molecular Therapy - Nucleic Acids</i> , <b>2017</b> , 6, 173-182	10.7	9
61	FGF signal is not required for hepatoblast differentiation of human iPS cells. <i>Scientific Reports</i> , <b>2019</b> , 9, 3713	4.9	9
60	Nanaomycin A Treatment Promotes Hepatoblast Differentiation from Human iPS Cells. <i>Stem Cells and Development</i> , <b>2018</b> , 27, 405-414	4.4	9
59	Generation of Optogenetically Modified Adenovirus Vector for Spatiotemporally Controllable Gene Therapy. <i>ACS Chemical Biology</i> , <b>2018</b> , 13, 449-454	4.9	9
58	TANK-binding kinase 1-dependent or -independent signaling elicits the cell-type-specific innate immune responses induced by the adenovirus vector. <i>International Immunology</i> , <b>2016</b> , 28, 105-115	4.9	9
57	Establishment of SLC15A1/PEPT1-Knockout Human-Induced Pluripotent Stem Cell Line for Intestinal Drug Absorption Studies. <i>Molecular Therapy - Methods and Clinical Development</i> , <b>2020</b> , 17, 49-57	6.4	9
56	Photoactivatable oncolytic adenovirus for optogenetic cancer therapy. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 570	9.8	9
55	Human iPS Cell-based Liver-like Tissue Engineering at Extrahepatic Sites in Mice as a New Cell Therapy for Hemophilia B. <i>Cell Transplantation</i> , <b>2018</b> , 27, 299-309	4	8
54	Further reduction in adenovirus vector-mediated liver transduction without largely affecting transgene expression in target organ by exploiting microRNA-mediated regulation and the Cre-loxP recombination system. <i>Molecular Pharmaceutics</i> , <b>2012</b> , 9, 3452-63	5.6	8
53	Adenovirus vector-based vaccine for infectious diseases.. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2021</b> , 42, 100432	2.2	8
52	Generation of the Adenovirus Vector-Mediated CRISPR/Cpf1 System and the Application for Primary Human Hepatocytes Prepared from Humanized Mice with Chimeric Liver. <i>Biological and Pharmaceutical Bulletin</i> , <b>2018</b> , 41, 1089-1095	2.3	8
51	Proteolytic disassembly of viral outer capsid proteins is crucial for reovirus-mediated type-I interferon induction in both reovirus-susceptible and reovirus-refractory tumor cells. <i>BioMed Research International</i> , <b>2015</b> , 2015, 468457	3	7
50	Usability of Polydimethylsiloxane-Based Microfluidic Devices in Pharmaceutical Research Using Human Hepatocytes. <i>ACS Biomaterials Science and Engineering</i> , <b>2021</b> , 7, 3648-3657	5.5	7
49	Systemically Administered Reovirus-Induced Downregulation of Hypoxia Inducible Factor-1 $\alpha$ in Subcutaneous Tumors. <i>Molecular Therapy - Oncolytics</i> , <b>2019</b> , 12, 162-172	6.4	6
48	Reovirus double-stranded RNA genomes and poly(I:C) induce down-regulation of hypoxia-inducible factor 1 $\alpha$ . <i>Biochemical and Biophysical Research Communications</i> , <b>2015</b> , 460, 1041-6	3.4	6
47	Comparison of commercially available media for hepatic differentiation and hepatocyte maintenance. <i>PLoS ONE</i> , <b>2020</b> , 15, e0229654	3.7	6

46	Neonatal Gene Therapy for Hemophilia B by a Novel Adenovirus Vector Showing Reduced Leaky Expression of Viral Genes. <i>Molecular Therapy - Methods and Clinical Development</i> , <b>2017</b> , 6, 183-193	6.4	6
45	T Helper 17 Promotes Induction of Antigen-Specific Gut-Mucosal Cytotoxic T Lymphocytes following Adenovirus Vector Vaccination. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1456	8.4	6
44	The early activation of CD8+ T cells is dependent on type I IFN signaling following intramuscular vaccination of adenovirus vector. <i>BioMed Research International</i> , <b>2014</b> , 2014, 158128	3	6
43	Tumor-specific delivery of biologics by a novel T-cell line HOZOT. <i>Scientific Reports</i> , <b>2016</b> , 6, 38060	4.9	6
42	Antibodies against adenovirus fiber and penton base proteins inhibit adenovirus vector-mediated transduction in the liver following systemic administration. <i>Scientific Reports</i> , <b>2018</b> , 8, 12315	4.9	5
41	Evaluation of transduction properties of an adenovirus vector in neonatal mice. <i>BioMed Research International</i> , <b>2015</b> , 2015, 685374	3	5
40	LY341495, an mGluR2/3 Antagonist, Regulates the Immunosuppressive Function of Myeloid-Derived Suppressor Cells and Inhibits Melanoma Tumor Growth. <i>Biological and Pharmaceutical Bulletin</i> , <b>2018</b> , 41, 1866-1869	2.3	5
39	Optimal human iPS cell culture method for efficient hepatic differentiation. <i>Differentiation</i> , <b>2018</b> , 104, 13-21	3.5	5
38	Eradication of melanoma in vitro and in vivo via targeting with a Killer-Red-containing telomerase-dependent adenovirus. <i>Cell Cycle</i> , <b>2017</b> , 16, 1502-1508	4.7	4
37	Pharmaceutical Research for Inherited Metabolic Disorders of the Liver Using Human Induced Pluripotent Stem Cell and Genome Editing Technologies. <i>Biological and Pharmaceutical Bulletin</i> , <b>2019</b> , 42, 312-318	2.3	4
36	Development of selective cytotoxic viral vectors for concentration of undifferentiated cells in cardiomyocytes derived from human induced pluripotent stem cells. <i>Scientific Reports</i> , <b>2019</b> , 9, 3630	4.9	4
35	Establishment of MDR1-knockout human induced pluripotent stem cell line. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2020</b> , 35, 288-296	2.2	4
34	Adenovirus vector-mediated macrophage erythroblast attacher (MAEA) overexpression in primary mouse hepatocytes attenuates hepatic gluconeogenesis. <i>Biochemistry and Biophysics Reports</i> , <b>2017</b> , 10, 192-197	2.2	4
33	Efficient antitumor effects of a novel oncolytic adenovirus fully composed of species B adenovirus serotype 35. <i>Molecular Therapy - Oncolytics</i> , <b>2021</b> , 20, 399-409	6.4	4
32	Coating with spermine-pullulan polymer enhances adenoviral transduction of mesenchymal stem cells. <i>International Journal of Nanomedicine</i> , <b>2016</b> , 11, 6763-6769	7.3	4
31	Generation of Tetrafluoroethylene-Propylene Elastomer-Based Microfluidic Devices for Drug Toxicity and Metabolism Studies. <i>ACS Omega</i> , <b>2021</b> , 6, 24859-24865	3.9	4
30	Occludin as a functional marker of vascular endothelial cells on tube-forming activity. <i>Journal of Cellular Physiology</i> , <b>2018</b> , 233, 1700-1711	7	3
29	Expression of HIF-1 $\alpha$ domain fused canine caspase 3 by EGFR promoter-driven adenovirus vector induces cytotoxicity in canine breast tumor cells under hypoxia. <i>Veterinary Research Communications</i> , <b>2016</b> , 40, 131-139	2.9	3

28	Efficient generation of adenovirus vectors carrying the Clustered regularly interspaced short palindromic repeat (CRISPR)-CRISPR associated proteins (Cas)12a system by suppressing Cas12a expression in packaging cells. <i>Journal of Biotechnology</i> , <b>2019</b> , 304, 1-9	3.7	3
27	Development of a Novel Oncolytic Adenovirus Expressing a Short-hairpin RNA Against Cullin 4A. <i>Anticancer Research</i> , <b>2020</b> , 40, 161-168	2.3	3
26	Adenovirus Vector-Induced IL-6 Promotes Leaky Adenoviral Gene Expression, Leading to Acute Hepatotoxicity. <i>Journal of Immunology</i> , <b>2021</b> , 206, 410-421	5.3	3
25	Suppression of Oncolytic Adenovirus-Mediated Hepatotoxicity by Liver-Specific Inhibition of NF- $\kappa$ B. <i>Molecular Therapy - Oncolytics</i> , <b>2017</b> , 7, 76-85	6.4	2
24	In Vivo Gene Expression Profile of Human Intestinal Epithelial Cells: From the Viewpoint of Drug Metabolism and Pharmacokinetics. <i>Drug Metabolism and Disposition</i> , <b>2021</b> , 49, 221-232	4	2
23	Ablation of IL-17A leads to severe colitis in IL-10-deficient mice: implications of myeloid-derived suppressor cells and NO production. <i>International Immunology</i> , <b>2020</b> , 32, 187-201	4.9	2
22	Vinblastine treatment decreases the undifferentiated cell contamination of human iPSC-derived intestinal epithelial-like cells. <i>Molecular Therapy - Methods and Clinical Development</i> , <b>2021</b> , 20, 463-472	6.4	2
21	Generation of Human Induced Pluripotent Stem Cell-Derived Hepatocyte-Like Cells for Cellular Medicine. <i>Biological and Pharmaceutical Bulletin</i> , <b>2020</b> , 43, 608-615	2.3	2
20	miR-27b-mediated suppression of aquaporin-11 expression in hepatocytes reduces HCV genomic RNA levels but not viral titers. <i>Virology Journal</i> , <b>2019</b> , 16, 58	6.1	1
19	Expression of coxsackievirus and adenovirus receptor separates hematopoietic and cardiac progenitor cells in fetal liver kinase 1-expressing mesoderm. <i>Stem Cells Translational Medicine</i> , <b>2015</b> , 4, 424-36	6.9	1
18	Tolloid-Like 1 Negatively Regulates Hepatic Differentiation of Human Induced Pluripotent Stem Cells Through Transforming Growth Factor Beta Signaling. <i>Hepatology Communications</i> , <b>2020</b> , 4, 255-267 <sup>6</sup>		1
17	A TGF $\beta$ Signaling Inhibitor, SB431542, Inhibits Reovirus-mediated Lysis of Human Hepatocellular Carcinoma Cells in a TGF $\beta$ -Independent Manner. <i>Anticancer Research</i> , <b>2021</b> , 41, 2431-2440	2.3	1
16	A Flow Cytometry-Based Method to Determine the Titer of Adenoviruses Expressing an Extraneous Gene. <i>Biological and Pharmaceutical Bulletin</i> , <b>2018</b> , 41, 1615-1619	2.3	1
15	Comparison of culture media for human intestinal organoids from the viewpoint of pharmacokinetic studies. <i>Biochemical and Biophysical Research Communications</i> , <b>2021</b> , 566, 115-122	3.4	1
14	Monolayer platform using human biopsy-derived duodenal organoids for pharmaceutical research. <i>Molecular Therapy - Methods and Clinical Development</i> , <b>2021</b> , 22, 263-278	6.4	1
13	Adenovirus Fiber can Distribute Itself to the Cell Surface without Membrane Damage. <i>BPB Reports</i> , <b>2019</b> , 2, 113-118	0.3	0
12	Oncolytic reovirus-mediated killing of mouse cancer-associated fibroblasts. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 610, 121269	6.5	0
11	miR-27b antagonizes BMP signaling in early differentiation of human induced pluripotent stem cells. <i>Scientific Reports</i> , <b>2021</b> , 11, 19820	4.9	0

10	A selective cytotoxic adenovirus vector for concentration of pluripotent stem cells in human pluripotent stem cell-derived neural progenitor cells. <i>Scientific Reports</i> , <b>2021</b> , 11, 11407	4.9	○
9	Generation of tetracycline-controllable CYP3A4-expressing Caco-2 cells by the piggyBac transposon system. <i>Scientific Reports</i> , <b>2021</b> , 11, 11670	4.9	○
8	Development of a 3D Cell Culture System Using Amphiphilic Polydepsipeptides and Its Application to Hepatic Differentiation.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 7290-7299	4.1	○
7	Optimization of an E1A Gene Expression Cassette in an Oncolytic Adenovirus for Efficient Tumor Cell Killing Activity. <i>Anticancer Research</i> , <b>2021</b> , 41, 773-782	2.3	○
6	Efficient Gene Transduction of Dispersed Islet Cells in Culture Using Fiber-Modified Adenoviral Vectors. <i>Cell Medicine</i> , <b>2015</b> , 8, 31-8	4.9	
5	Potential of human iPS cell-derived intestinal epithelial cells as a tool for pharmacokinetic assessment. <i>Drug Delivery System</i> , <b>2020</b> , 35, 309-318	○	
4	Asymmetric profiles of infection and innate immunological responses in human iPS cell-derived small intestinal epithelial-like cell monolayers following infection with mammalian reovirus. <i>Virus Research</i> , <b>2021</b> , 296, 198334	6.4	
3	Fiber-Knob Region of Adenovirus Type 5 Vector Promotes Migration of A549 Cells. <i>BPB Reports</i> , <b>2021</b> , 4, 17-21	0.3	
2	Transduction Properties of an Adenovirus Vector Containing Sequences Complementary to a Liver-Specific microRNA, miR-122a, in the 3' Untranslated Region of the E4 Gene in Human Hepatocytes from Chimeric Mice with Humanized Liver. <i>Biological and Pharmaceutical Bulletin</i> , <b>2021</b> , 44, 1506-1513	2.3	
1	Adenovirus Vector With ADP Gene Induces Cytopathic Effects in HEK293 Cells Without Significant Elevation of Virus Titers.. <i>Anticancer Research</i> , <b>2022</b> , 42, 1719-1727	2.3	