Yukinari Kato

List of Publications by Year
in descending order

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310 papers	9,530 citations	44069 48 h-index	62596 80 g-index
319 all docs	319 docs citations	319 times ranked	5401 citing authors

#	Article	IF	Citations
1	Involvement of the Snake Toxin Receptor CLEC-2, in Podoplanin-mediated Platelet Activation, by Cancer Cells. Journal of Biological Chemistry, 2007, 282, 25993-26001.	3.4	442
2	Molecular Identification of Aggrus/T1Î± as a Platelet Aggregation-inducing Factor Expressed in Colorectal Tumors. Journal of Biological Chemistry, 2003, 278, 51599-51605.	3.4	247
3	Molecular analysis of the pathophysiological binding of the platelet aggregationâ€inducing factor podoplanin to the Câ€type lectinâ€like receptor CLECâ€2. Cancer Science, 2008, 99, 54-61.	3.9	232
4	Increased expression of podoplanin in malignant astrocytic tumors as a novel molecular marker of malignant progression. Acta Neuropathologica, 2006, 111, 483-488.	7.7	214
5	Enhanced Expression of Aggrus (T1alpha/Podoplanin), a Platelet-Aggregation-Inducing Factor in Lung Squamous Cell Carcinoma. Tumor Biology, 2005, 26, 195-200.	1.8	201
6	Inhibition of tumor cell-induced platelet aggregation using a novel anti-podoplanin antibody reacting with its platelet-aggregation-stimulating domain. Biochemical and Biophysical Research Communications, 2006, 349, 1301-1307.	2.1	195
7	The Platelet Aggregation-Inducing Factor Aggrus/Podoplanin Promotes Pulmonary Metastasis. American Journal of Pathology, 2007, 170, 1337-1347.	3.8	173
8	PA tag: A versatile protein tagging system using a super high affinity antibody against a dodecapeptide derived from human podoplanin. Protein Expression and Purification, 2014, 95, 240-247.	1.3	168
9	A Cancer-specific Monoclonal Antibody Recognizes the Aberrantly Glycosylated Podoplanin. Scientific Reports, 2014, 4, 5924.	3.3	163
10	Aggrus: a diagnostic marker that distinguishes seminoma from embryonal carcinoma in testicular germ cell tumors. Oncogene, 2004, 23, 8552-8556.	5.9	143
11	Establishment of the Anti-Klotho Monoclonal Antibodies and Detection of Klotho Protein in Kidneys. Biochemical and Biophysical Research Communications, 2000, 267, 597-602.	2.1	142
12	Podoplanin expression in primary central nervous system germ cell tumors: a useful histological marker for the diagnosis of germinoma. Acta Neuropathologica, 2006, 111, 563-568.	7.7	121
13	Conservation of a platelet activating domain of Aggrus/podoplanin as a platelet aggregation-inducing factor. Gene, 2006, 378, 52-57.	2.2	120
14	A canine chimeric monoclonal antibody targeting PD-L1 and its clinical efficacy in canine oral malignant melanoma or undifferentiated sarcoma. Scientific Reports, 2017, 7, 8951.	3.3	111
15	A Platform of C-type Lectin-like Receptor CLEC-2 for Binding O-Glycosylated Podoplanin and Nonglycosylated Rhodocytin. Structure, 2014, 22, 1711-1721.	3.3	110
16	Focused Differential Glycan Analysis with the Platform Antibody-assisted Lectin Profiling for Glycan-related Biomarker Verification. Molecular and Cellular Proteomics, 2009, 8, 99-108.	3.8	102
17	Structural basis for perception of diverse chemical substances by T1r taste receptors. Nature Communications, 2017, 8, 15530.	12.8	102
18	A monoclonal antibody IMab-1 specifically recognizes IDH1R132H, the most common glioma-derived mutation. Biochemical and Biophysical Research Communications, 2009, 390, 547-551.	2.1	99

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19	Functional glycosylation of human podoplanin: Glycan structure of platelet aggregation-inducing factor. FEBS Letters, 2007, 581, 331-336.	2.8	96
20	Detection of IDH1 mutation in human gliomas: comparison of immunohistochemistry and sequencing. Brain Tumor Pathology, 2011, 28, 115-123.	1.7	96
21	Quantitative metabolome analysis profiles activation of glutaminolysis in glioma with IDH1 mutation. Tumor Biology, 2014, 35, 5911-5920.	1.8	95
22	Immunohistochemical Analysis of PD-L1 Expression in Canine Malignant Cancers and PD-1 Expression on Lymphocytes in Canine Oral Melanoma. PLoS ONE, 2016, 11, e0157176.	2.5	92
23	Evaluation of anti-podoplanin rat monoclonal antibody NZ-1 for targeting malignant gliomas. Nuclear Medicine and Biology, 2010, 37, 785-794.	0.6	91
24	Deletion polymorphism of SIGLEC14 and its functional implications. Glycobiology, 2009, 19, 841-846.	2.5	90
25	CAR T Cells Targeting Podoplanin Reduce Orthotopic Glioblastomas in Mouse Brains. Cancer Immunology Research, 2016, 4, 259-268.	3.4	90
26	Functional Sialylated O-Glycan to Platelet Aggregation on Aggrus (T1Î±/Podoplanin) Molecules Expressed in Chinese Hamster Ovary Cells. Journal of Biological Chemistry, 2004, 279, 38838-38843.	3.4	88
27	Engineering of mucin-type human glycoproteins in yeast cells. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3232-3237.	7.1	86
28	A Novel Targeting Therapy of Malignant Mesothelioma Using Anti-Podoplanin Antibody. Journal of Immunology, 2013, 190, 6239-6249.	0.8	82
29	Tetraspanin family member CD9 inhibits Aggrus/podoplanin-induced platelet aggregation and suppresses pulmonary metastasis. Blood, 2008, 112, 1730-1739.	1.4	77
30	Antibody and lectin target podoplanin to inhibit oral squamous carcinoma cell migration and viability by distinct mechanisms. Oncotarget, 2015, 6, 9045-9060.	1.8	77
31	Chimeric antiâ€podoplanin antibody suppresses tumor metastasis through neutralization and antibodyâ€dependent cellular cytotoxicity. Cancer Science, 2012, 103, 1913-1919.	3.9	74
32	Characterization of Anti-podoplanin Monoclonal Antibodies: Critical Epitopes for Neutralizing the Interaction Between Podoplanin and CLEC-2. Hybridoma, 2008, 27, 259-267.	0.4	73
33	Detection of high CD44 expression in oral cancers using the novel monoclonal antibody, C44Mab-5. Biochemistry and Biophysics Reports, 2018, 14, 64-68.	1.3	69
34	BACH1 Promotes Pancreatic Cancer Metastasis by Repressing Epithelial Genes and Enhancing Epithelialâ€“Mesenchymal Transition. Cancer Research, 2020, 80, 1279-1292.	0.9	69
35	Immunohistochemical Examination of Novel Rat Monoclonal Antibodies against Mouse and Human Podoplanin. Acta Histochemica Et Cytochemica, 2012, 45, 227-237.	1.6	66
36	Recombinant antiâ€podoplanin (NZâ€1) immunotoxin for the treatment of malignant brain tumors. International Journal of Cancer, 2013, 132, 2339-2348.	5.1	65

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37	Specific monoclonal antibodies against IDH1/2 mutations as diagnostic tools for gliomas. Brain Tumor Pathology, 2015, 32, 3-11.	1.7	62
38	Development of Sensitive Monoclonal Antibody PMab-2 Against Rat Podoplanin. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2015, 34, 396-403.	1.6	60
39	Establishment of CMab-43, a Sensitive and Specific Anti-CD133 Monoclonal Antibody, for Immunohistochemistry. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2017, 36, 231-235.	1.6	60
40	MAP Tag: A Novel Tagging System for Protein Purification and Detection. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2016, 35, 293-299.	1.6	59
41	Macrocyclic peptide-based inhibition and imaging of hepatocyte growth factor. Nature Chemical Biology, 2019, 15, 598-606.	8.0	59
42	PMab-52: Specific and Sensitive Monoclonal Antibody Against Cat Podoplanin for Immunohistochemistry. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2017, 36, 224-230.	1.6	57
43	PD-L1 immunohistochemistry for canine cancers and clinical benefit of anti-PD-L1 antibody in dogs with pulmonary metastatic oral malignant melanoma. Npj Precision Oncology, 2021, 5, 10.	5.4	57
44	The chimeric antibody chLpMab-7 targeting human podoplanin suppresses pulmonary metastasis via ADCC and CDC rather than via its neutralizing activity. Oncotarget, 2015, 6, 36003-36018.	1.8	56
45	Podoplanin expression in advanced atherosclerotic lesions of human aortas. Thrombosis Research, 2012, 129, e70-e76.	1.7	54
46	Specific Detection of Dog Podoplanin Expressed in Renal Glomerulus by a Novel Monoclonal Antibody PMab-38 in Immunohistochemistry. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2016, 35, 212-216.	1.6	53
47	PMab-213: A Monoclonal Antibody for Immunohistochemical Analysis Against Pig Podoplanin. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2019, 38, 18-24.	1.6	53
48	Anti-podoplanin Monoclonal Antibody LpMab-7 Detects Metastatic Lesions of Osteosarcoma. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2015, 34, 154-161.	1.6	49
49	Tailored placement of a turn-forming PA tag into the structured domain of a protein to probe its conformational state. Journal of Cell Science, 2016, 129, 1512-22.	2.0	48
50	Establishment of Novel Monoclonal Antibody PMab-32 Against Rabbit Podoplanin. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2016, 35, 41-47.	1.6	48
51	Establishment of a monoclonal antibody PMab-233 for immunohistochemical analysis against Tasmanian devil podoplanin. Biochemistry and Biophysics Reports, 2019, 18, 100631.	1.3	48
52	Antitumor effect of novel antiâ€podoplanin antibody NZâ€12 against malignant pleural mesothelioma in an orthotopic xenograft model. Cancer Science, 2016, 107, 1198-1205.	3.9	47
53	Immunohistochemistry on IDH 1/2, ATRX, p53 and Ki-67 substitute molecular genetic testing and predict patient prognosis in grade III adult diffuse gliomas. Brain Tumor Pathology, 2016, 33, 107-116.	1.7	47
54	Establishment of a novel monoclonal antibody SMab-1 specific for IDH1-R132S mutation. Biochemical and Biophysical Research Communications, 2011, 406, 608-613.	2.1	46

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55	Isocitrate dehydrogenase 2 mutation is a frequent event in osteosarcoma detected by a multiâ€specific monoclonal antibody MsMabâ€1. Cancer Medicine, 2013, 2, 803-814.	2.8	46
56	Immunohistochemical detection of IDH1 mutation, p53, and internexin as prognostic factors of glial tumors. Journal of Neuro-Oncology, 2012, 108, 361-373.	2.9	45
57	PMab-44 Detects Bovine Podoplanin in Immunohistochemistry. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2016, 35, 186-190.	1.6	45
58	Development and Characterization of A Novel Prox1-EGFP Lymphatic and Schlemmâ€™s Canal Reporter Rat. Scientific Reports, 2017, 7, 5577.	3.3	45
59	Monoclonal Antibody L₁Mab-13 Detected Human PD-L1 in Lung Cancers. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2018, 37, 110-115.	1.6	45
60	Increase of cells expressing PDâ€1 and PDâ€L1 and enhancement of IFNâ€Î³ production via PDâ€1/PDâ€L1 blockade in bovine mycoplasmosis. Immunity, Inflammation and Disease, 2017, 5, 355-363.	2.7	44
61	Establishment of a Monoclonal Antibody PMab-231 for Tiger Podoplanin. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2019, 38, 89-95.	1.6	44
62	Immunohistochemical analysisâ€based proteomic subclassification of newly diagnosed glioblastomas. Cancer Science, 2012, 103, 1871-1879.	3.9	42
63	ChLpMab-23: Cancer-Specific Humanâ€“Mouse Chimeric Anti-Podoplanin Antibody Exhibits Antitumor Activity via Antibody-Dependent Cellular Cytotoxicity. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2017, 36, 104-112.	1.6	42
64	Podocalyxin expression in malignant astrocytic tumors. Biochemical and Biophysical Research Communications, 2008, 374, 394-398.	2.1	41
65	Podoplanin emerges as a functionally relevant oral cancer biomarker and therapeutic target. Oral Oncology, 2018, 78, 126-136.	1.5	41
66	Targeted Phototherapy for Malignant Pleural Mesothelioma: Near-Infrared Photoimmunotherapy Targeting Podoplanin. Cells, 2020, 9, 1019.	4.1	41
67	Induction of podoplanin by transforming growth factorâ€Î²2 in human fibrosarcoma. FEBS Letters, 2008, 582, 341-345.	2.8	40
68	Development of an anti-bear podoplanin monoclonal antibody PMab-247 for immunohistochemical analysis. Biochemistry and Biophysics Reports, 2019, 18, 100644.	1.3	39
69	Development of RAP Tag, a Novel Tagging System for Protein Detection and Purification. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2017, 36, 68-71.	1.6	38
70	CDK1 dependent phosphorylation of hTERT contributes to cancer progression. Nature Communications, 2020, 11, 1557.	12.8	38
71	Isocitrate dehydrogenase mutation is frequently observed in giant cell tumor of bone. Cancer Science, 2014, 105, 744-748.	3.9	37
72	LpMab-23: A Cancer-Specific Monoclonal Antibody Against Human Podoplanin. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2017, 36, 72-76.	1.6	37

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73	Establishment of a monoclonal antibody PMab-225 against alpaca podoplanin for immunohistochemical analyses. Biochemistry and Biophysics Reports, 2019, 18, 100633.	1.3	37
74	Antitumor activity of chLpMabâ€2, a humanâ€“mouse chimeric cancerâ€specific antihuman podoplanin antibody, via antibodyâ€dependent cellular cytotoxicity. Cancer Medicine, 2017, 6, 768-777.	2.8	36
75	Development of Anti-Human CC Chemokine Receptor 9 Monoclonal Antibodies for Flow Cytometry. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2021, 40, 101-106.	1.6	36
76	Establishment of C20Mabâ€'11, a novel antiâ€'CD20 monoclonal antibody, for the detection of B cells. Oncology Letters, 2020, 20, 1961-1967.	1.8	36
77	Characterization of Monoclonal Antibody LpMab-3 Recognizing Sialylated Glycopeptide of Podoplanin. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2015, 34, 44-50.	1.6	35
78	Development and characterization of antiâ€glycopeptide monoclonal antibodies against human podoplanin, using glycanâ€deficient cell lines generated by <scp>CRISPR</scp>/Cas9 and <scp>TALEN</scp>. Cancer Medicine, 2017, 6, 382-396.	2.8	35
79	PMab-219: A monoclonal antibody for the immunohistochemical analysis of horse podoplanin. Biochemistry and Biophysics Reports, 2019, 18, 100616.	1.3	35
80	Development of Anti-Mouse CC Chemokine Receptor 3 Monoclonal Antibodies for Flow Cytometry. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2021, 40, 107-112.	1.6	35
81	Incorporation of podoplanin into HIV released from HEK-293T cells, but not PBMC, is required for efficient binding to the attachment factor CLEC-2. Retrovirology, 2010, 7, 47.	2.0	34
82	Structural Basis of Sarco/Endoplasmic Reticulum Ca2+-ATPase 2b Regulation via Transmembrane Helix Interplay. Cell Reports, 2019, 27, 1221-1230.e3.	6.4	34
83	Prostaglandin E2â€“Induced Immune Exhaustion and Enhancement of Antiviral Effects by Antiâ€“PD-L1 Antibody Combined with COX-2 Inhibitor in Bovine Leukemia Virus Infection. Journal of Immunology, 2019, 203, 1313-1324.	0.8	34
84	In vitro and in vivo antivirus activity of an anti-programmed death-ligand 1 (PD-L1) rat-bovine chimeric antibody against bovine leukemia virus infection. PLoS ONE, 2017, 12, e0174916.	2.5	33
85	Establishment of an Anticetacean Podoplanin Monoclonal Antibody PMab-237 for Immunohistochemical Analysis. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2019, 38, 108-113.	1.6	33
86	LpMab-12 Established by CasMab Technology Specifically Detects Sialylated O-Glycan on Thr52 of Platelet Aggregation-Stimulating Domain of Human Podoplanin. PLoS ONE, 2016, 11, e0152912.	2.5	32
87	Anti-podocalyxin antibody exerts antitumor effects via antibody-dependent cellular cytotoxicity in mouse xenograft models of oral squamous cell carcinoma. Oncotarget, 2018, 9, 22480-22497.	1.8	32
88	Characterization of Monoclonal Antibody LpMab-7 Recognizing Non-PLAG Domain of Podoplanin. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2015, 34, 174-180.	1.6	31
89	PMab-235: A monoclonal antibody for immunohistochemical analysis against goat podoplanin. Heliyon, 2019, 5, e02063.	3.2	31
90	Development of Anti-Mouse CC Chemokine Receptor 8 Monoclonal Antibodies for Flow Cytometry. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2021, 40, 65-70.	1.6	31

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91	The Effect of Podoplanin Inhibition on Lymphangiogenesis Under Pathological Conditions. , 2014, 55, 4813.		30
92	Monoclonal Antibody LpMab-9 Recognizes O-glycosylated N-Terminus of Human Podoplanin. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2015, 34, 310-317.	1.6	30
93	Establishment of Monoclonal Antibody PMab-202 Against Horse Podoplanin. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2018, 37, 233-237.	1.6	30
94	Increased expression of highly sulfated keratan sulfate synthesized in malignant astrocytic tumors. Biochemical and Biophysical Research Communications, 2008, 369, 1041-1046.	2.1	29
95	Novel Monoclonal Antibody LpMab-17 Developed by CasMab Technology Distinguishes Human Podoplanin from Monkey Podoplanin. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2016, 35, 109-116.	1.6	29
96	Roles of Podoplanin in Malignant Progression of Tumor. Cells, 2022, 11, 575.	4.1	29
97	Expression of highly sulfated keratan sulfate synthesized in human glioblastoma cells. Biochemical and Biophysical Research Communications, 2008, 368, 217-222.	2.1	28
98	Development of Monoclonal Antibody LpMab-10 Recognizing Non-glycosylated PLAG1/2 Domain Including Thr34 of Human Podoplanin. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2015, 34, 318-326.	1.6	28
99	A defucosylated antiâ€'CD44 monoclonal antibody 5â€'mG2aâ€'f exerts antitumor effects in mouse xenograft models of oral squamous cell carcinoma. Oncology Reports, 2020, 44, 1949-1960.	2.6	28
100	Establishment of a Multi-Specific Monoclonal Antibody MsMab-1 Recognizing Both IDH1 and IDH2 Mutations. Tohoku Journal of Experimental Medicine, 2013, 230, 103-109.	1.2	27
101	PMab-210: A Monoclonal Antibody Against Pig Podoplanin. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2019, 38, 30-36.	1.6	27
102	Development of Monoclonal Antibody PMab-269 Against California Sea Lion Podoplanin. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2021, 40, 124-133.	1.6	27
103	Epitope Mapping of the Anti-CD44 Monoclonal Antibody (C₄₄Mab-46) Using the REMAP Method. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2021, 40, 156-161.	1.6	27
104	The mTOR-Bach2 Cascade Controls Cell Cycle and Class Switch Recombination during B Cell Differentiation. Molecular and Cellular Biology, 2017, 37, .	2.3	26
105	Prostaglandin E₂Induction Suppresses the Th1 Immune Responses in Cattle with Johne's Disease. Infection and Immunity, 2018, 86, .	2.2	26
106	Application of the NZâ€1 Fab as a crystallization chaperone for PA tagâ€inserted target proteins. Protein Science, 2019, 28, 823-836.	7.6	26
107	Establishment of an Anti-CD20 Monoclonal Antibody (C₂₀Mab-60) for Immunohistochemical Analyses. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2020, 39, 112-116.	1.6	26
108	Establishment of novel monoclonal antibodies KMab-1 and MMab-1 specific for IDH2 mutations. Biochemical and Biophysical Research Communications, 2013, 432, 40-45.	2.1	25

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109	<scp>IDH</scp>2 and <scp>TP</scp>53 mutations are correlated with gliomagenesis in a patient with Maffucci syndrome. Cancer Science, 2014, 105, 359-362.	3.9	25
110	Generation of a canine anti-canine CD20 antibody for canine lymphoma treatment. Scientific Reports, 2020, 10, 11476.	3.3	25
111	H2Mabâ€'19, an antiâ€'human epidermal growth factor receptorÂ2 monoclonal antibody exerts antitumor activity in mouse oral cancer xenografts. Experimental and Therapeutic Medicine, 2020, 20, 846-853.	1.8	25
112	LpMab-19 Recognizes SialylatedO-Glycan on Thr76 of Human Podoplanin. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2016, 35, 245-253.	1.6	24
113	Antiglycopeptide Mouse Monoclonal Antibody LpMab-21 Exerts Antitumor Activity Against Human Podoplanin Through Antibody-Dependent Cellular Cytotoxicity and Complement-Dependent Cytotoxicity. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2017, 36, 20-24.	1.6	24
114	Mutated IDH1 Is a Favorable Prognostic Factor for Type 2 Gliomatosis Cerebri. Brain Pathology, 2012, 22, 307-317.	4.1	23
115	H₂Mab-77 is a Sensitive and Specific Anti-HER2 Monoclonal Antibody Against Breast Cancer. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2017, 36, 143-148.	1.6	23
116	Development and characterization of TrMabâ€'6, a novel antiâ€'TROP2 monoclonal antibody for antigen detection in breast cancer. Molecular Medicine Reports, 2020, 23, .	2.4	23
117	The expression of podoplanin and classic cadherins in the mouse brain. Journal of Anatomy, 2012, 220, 435-446.	1.5	22
118	Cooperation of PD-1 and LAG-3 in the exhaustion of CD4+ and CD8+ T cells during bovine leukemia virus infection. Veterinary Research, 2018, 49, 50.	3.0	22
119	Development of an Anti-Sheep Podoplanin Monoclonal Antibody PMab-256 for Immunohistochemical Analysis of Lymphatic Endothelial Cells. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2020, 39, 82-90.	1.6	22
120	Upregulation of PD-L1 Expression by Prostaglandin E2 and the Enhancement of IFN-Î³ by Anti-PD-L1 Antibody Combined With a COX-2 Inhibitor in Mycoplasma bovis Infection. Frontiers in Veterinary Science, 2020, 7, 12.	2.2	22
121	Establishment of a novel anti-TROP2 monoclonal antibody TrMab-29 for immunohistochemical analysis. Biochemistry and Biophysics Reports, 2021, 25, 100902.	1.3	22
122	Antiâ€'HER3 monoclonal antibody exerts antitumor activity in a mouse model of colorectal adenocarcinoma. Oncology Reports, 2021, 46, .	2.6	22
123	Antiâ€'EpCAM monoclonal antibody exerts antitumor activity against oral squamous cell carcinomas. Oncology Reports, 2020, 44, 2517-2526.	2.6	22
124	Anti-Bovine Programmed Death-1 Ratâ€"Bovine Chimeric Antibody for Immunotherapy of Bovine Leukemia Virus Infection in Cattle. Frontiers in Immunology, 2017, 8, 650.	4.8	21
125	RIEDL tag: A novel pentapeptide tagging system for transmembrane protein purification. Biochemistry and Biophysics Reports, 2020, 23, 100780.	1.3	21
126	Defucosylated Anti-Epidermal Growth Factor Receptor Monoclonal Antibody 134-mG_{2a}-f Exerts Antitumor Activities in Mouse Xenograft Models of Dog Epidermal Growth Factor Receptor-Overexpressed Cells. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2021, 40, 177-183.	1.6	21

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127	A novel antiâ€'EGFR monoclonal antibody (EMabâ€'17) exerts antitumor activity against oral squamous cell carcinomas via antibodyâ€'dependent cellular cytotoxicity and complementâ€'dependent cytotoxicity. Oncology Letters, 2020, 19, 2809-2816.	1.8	21
128	Multi-Specific Monoclonal Antibody MsMab-2 Recognizes IDH1-R132L and IDH2-R172M Mutations. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2013, 32, 377-381.	1.6	20
129	A Real-Time Near-Infrared Fluorescence Imaging Method for the Detection of Oral Cancers in Mice Using an Indocyanine Greenâ€"Labeled Podoplanin Antibody. Technology in Cancer Research and Treatment, 2018, 17, 153303381876793.	1.9	20
130	Development of Core-Fucose-Deficient Humanized and Chimeric Anti-Human Podoplanin Antibodies. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2020, 39, 167-174.	1.6	20
131	Development of a Novel Epitope Mapping System: RIEDL Insertion for Epitope Mapping Method. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2021, 40, 162-167.	1.6	20
132	A novel anti-Thy-1 (CD90) monoclonal antibody induces apoptosis in mouse malignant T-lymphoma cells in spite of inducing bcl-2 expression. , 1996, 66, 544-550.		19
133	Aggregation of Thy-1 Glycoprotein Induces Thymocyte Apoptosis through Activation of CPP32-like Proteases. Experimental Cell Research, 1997, 232, 400-406.	2.6	19
134	PMab-38 Recognizes Canine Podoplanin of Squamous Cell Carcinomas. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2016, 35, 263-266.	1.6	19
135	Mechanistic insights into ectodomain shedding: susceptibility of CADM1 adhesion molecule is determined by alternative splicing and O-glycosylation. Scientific Reports, 2017, 7, 46174.	3.3	19
136	Detection of Circulating Tumor Cells (CTCs) in Malignant Pleural Mesothelioma (MPM) with the â€œUniversalâ€•CTC-Chip and An Anti-Podoplanin Antibody NZ-1.2. Cells, 2020, 9, 888.	4.1	19
137	Prevention of necrosis caused by transient expression in Nicotiana benthamiana by application of ascorbic acid. Plant Physiology, 2021, 186, 832-835.	4.8	19
138	Epitope Mapping of an Antihuman EGFR Monoclonal Antibody (EMab-134) Using the REMAP Method. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2021, 40, 191-195.	1.6	19
139	Chimeric Anti-Human Podoplanin Antibody NZ-12 of Lambda Light Chain Exerts Higher Antibody-Dependent Cellular Cytotoxicity and Complement-Dependent Cytotoxicity Compared with NZ-8 of Kappa Light Chain. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2017, 36, 25-29.	1.6	18
140	A cancer-specific anti-podocalyxin monoclonal antibody (60-mG2a-f) exerts antitumor effects in mouse xenograft models of pancreatic carcinoma. Biochemistry and Biophysics Reports, 2020, 24, 100826.	1.3	18
141	Moving toward generalizable NZ-1 labeling for 3D structure determination with optimized epitope-tag insertion. Acta Crystallographica Section D: Structural Biology, 2021, 77, 645-662.	2.3	18
142	An antiâ€'TROP2 monoclonal antibody TrMabâ€'6 exerts antitumor activity in breast cancer mouse xenograft models. Oncology Reports, 2021, 46, .	2.6	18
143	Podoplanin Expression in Canine Melanoma. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2016, 35, 304-306.	1.6	17
144	Anti-Horse Podoplanin Monoclonal Antibody PMab-219 is Useful for Detecting Lymphatic Endothelial Cells by Immunohistochemical Analysis. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2018, 37, 272-274.	1.6	17

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145	Epitope mapping of anti-mouse podoplanin monoclonal antibody PMab-1. Biochemistry and Biophysics Reports, 2018, 15, 52-56.	1.3	17
146	Phase I/II Clinical Trial of the Anti-Podoplanin Monoclonal Antibody Therapy in Dogs with Malignant Melanoma. Cells, 2020, 9, 2529.	4.1	17
147	Epitope Mapping of the Anti-CD44 Monoclonal Antibody (C₄₄Mab-46) Using Alanine-Scanning Mutagenesis and Surface Plasmon Resonance. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2021, 40, 219-226.	1.6	17
148	The antiâ€'epithelial cell adhesion molecule (EpCAM) monoclonal antibody EpMabâ€'16 exerts antitumor activity in a mouse model of colorectal adenocarcinoma. Oncology Letters, 2020, 20, 1-1.	1.8	17
149	A novel monoclonal antibody GMab-m1 specifically recognizes IDH1-R132G mutation. Biochemical and Biophysical Research Communications, 2013, 432, 564-567.	2.1	16
150	A novel all-in-one intraoperative genotyping system for IDH1-mutant glioma. Brain Tumor Pathology, 2017, 34, 91-97.	1.7	16
151	Immunohistochemical ATRX expression is not a surrogate for 1p19q codeletion. Brain Tumor Pathology, 2018, 35, 106-113.	1.7	16
152	Site-specific epitope insertion into recombinant proteins using the MAP tag system. Journal of Biochemistry, 2020, 168, 375-384.	1.7	16
153	Functional, structural, and molecular identification of lymphatic outflow from subconjunctival blebs. Experimental Eye Research, 2020, 196, 108049.	2.6	16
154	Development of Novel Mouse Monoclonal Antibodies Against Human CD19. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2020, 39, 45-50.	1.6	16
155	Enhanced Immunotherapeutic Efficacy of Antiâ€"PD-L1 Antibody in Combination with an EP4 Antagonist. ImmunoHorizons, 2020, 4, 837-850.	1.8	16
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