

Takayuki Kanaseki

List of Publications by Year in descending order

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95
papers

2,481
citations

186265

28
h-index

233421

45
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100
all docs

100
docs citations

100
times ranked

3520
citing authors

#	ARTICLE	IF	CITATIONS
1	ERAAP Synergizes with MHC Class I Molecules to Make the Final Cut in the Antigenic Peptide Precursors in the Endoplasmic Reticulum. <i>Immunity</i> , 2006, 25, 795-806.	14.3	125
2	A Potent Immunogenic General Cancer Vaccine That Targets Survivin, an Inhibitor of Apoptosis Proteins. <i>Clinical Cancer Research</i> , 2005, 11, 1474-1482.	7.0	117
3	HSP DNAJB8 Controls Tumor-Initiating Ability in Renal Cancer Stem-like Cells. <i>Cancer Research</i> , 2012, 72, 2844-2854.	0.9	116
4	Epigenetic inactivation of class II transactivator (CIITA) is associated with the absence of interferon- β -induced HLA-DR expression in colorectal and gastric cancer cells. <i>Oncogene</i> , 2004, 23, 8876-8886.	5.9	108
5	The Final Touches Make Perfect the Peptide-MHC Class I Repertoire. <i>Immunity</i> , 2007, 26, 397-406.	14.3	100
6	Olfactory Receptor Family 7 Subfamily C Member 1 Is a Novel Marker of Colon Cancer-initiating Cells and Is a Potent Target of Immunotherapy. <i>Clinical Cancer Research</i> , 2016, 22, 3298-3309.	7.0	84
7	Cancer stem cells as targets for immunotherapy. <i>Immunology</i> , 2018, 153, 304-314.	4.4	82
8	Endoplasmic Reticulum Aminopeptidase Associated with Antigen Processing Defines the Composition and Structure of MHC Class I Peptide Repertoire in Normal and Virus-Infected Cells. <i>Journal of Immunology</i> , 2010, 184, 3033-3042.	0.8	79
9	Immune responses to human cancer stem-like cells/cancer-initiating cells. <i>Cancer Science</i> , 2016, 107, 12-17.	3.9	77
10	Immunotherapeutic benefit of β -interferon (IFN β) in survivin β -derived peptide vaccination for advanced pancreatic cancer patients. <i>Cancer Science</i> , 2013, 104, 124-129.	3.9	66
11	Preferential expression of cancer/testis genes in cancer stem-like cells: proposal of a novel subcategory, cancer/testis/stem gene. <i>Tissue Antigens</i> , 2013, 81, 428-434.	1.0	66
12	Heat shock protein α DNAJB α 8 is a novel target for immunotherapy of colon cancer-initiating cells. <i>Cancer Science</i> , 2014, 105, 389-395.	3.9	61
13	Cancer-associated oxidoreductase ERO1 β promotes immune escape through up-regulation of PD-L1 in human breast cancer. <i>Oncotarget</i> , 2017, 8, 24706-24718.	1.8	52
14	Immunogenic enhancement and clinical effect by type I interferon of anti-apoptotic protein, survivin β -derived peptide vaccine, in advanced colorectal cancer patients. <i>Cancer Science</i> , 2011, 102, 1181-1187.	3.9	51
15	Establishment of a monoclonal anti-human HLA class I antibody suitable for immunostaining of formalin-fixed tissue: Unusually high frequency of down-regulation in breast cancer tissues. <i>Pathology International</i> , 2012, 62, 303-308.	1.3	51
16	DNA methyltransferase 1 is essential for initiation of the colon cancers. <i>Experimental and Molecular Pathology</i> , 2013, 94, 322-329.	2.1	49
17	The Antigen ASB4 on Cancer Stem Cells Serves as a Target for CTL Immunotherapy of Colorectal Cancer. <i>Cancer Immunology Research</i> , 2018, 6, 358-369.	3.4	46
18	Loss of tapasin in human lung and colon cancer cells and escape from tumor-associated antigen-specific CTL recognition. <i>Oncolimmunology</i> , 2017, 6, e1274476.	4.6	44

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19	Small proline-rich protein-1B is overexpressed in human oral squamous cell cancer stem-like cells and is related to their growth through activation of MAP kinase signal. <i>Biochemical and Biophysical Research Communications</i> , 2013, 439, 96-102.	2.1	43
20	Histone Deacetylation, But Not Hypermethylation, Modifies Class II Transactivator and MHC Class II Gene Expression in Squamous Cell Carcinomas. <i>Journal of Immunology</i> , 2003, 170, 4980-4985.	0.8	41
21	Cancer-associated oxidoreductase ERO1- β drives the production of VEGF via oxidative protein folding and regulating the mRNA level. <i>British Journal of Cancer</i> , 2016, 114, 1227-1234.	6.4	40
22	Randomized phase II trial of survivin 2B peptide vaccination for patients with HLA-A*24:02-positive pancreatic adenocarcinoma. <i>Cancer Science</i> , 2019, 110, 2378-2385.	3.9	40
23	Cancer-Associated Oxidase ERO1- β Regulates the Expression of MHC Class I Molecule via Oxidative Folding. <i>Journal of Immunology</i> , 2015, 194, 4988-4996.	0.8	38
24	ST6GALNAC1 plays important roles in enhancing cancer stem phenotypes of colorectal cancer via the Akt pathway. <i>Oncotarget</i> , 2017, 8, 112550-112564.	1.8	38
25	Phosphorylation of HSF1 at serine 326 residue is related to the maintenance of gynecologic cancer stem cells through expression of HSP27. <i>Oncotarget</i> , 2017, 8, 31540-31553.	1.8	35
26	Plasticity of lung cancer stem-like cells is regulated by the transcription factor HOXA5 that is induced by oxidative stress. <i>Oncotarget</i> , 2016, 7, 50043-50056.	1.8	31
27	ERAAP and Tapasin Independently Edit the Amino and Carboxyl Termini of MHC Class I Peptides. <i>Journal of Immunology</i> , 2013, 191, 1547-1555.	0.8	29
28	ABCG2 expression is related to low 5-ALA photodynamic diagnosis (PDD) efficacy and cancer stem cell phenotype, and suppression of ABCG2 improves the efficacy of PDD. <i>PLoS ONE</i> , 2019, 14, e0216503.	2.5	29
29	Regulation of MHC class II expression in glioma cells by class II transactivator (CIITA). <i>Glia</i> , 2004, 45, 392-405.	4.9	28
30	HLA Class I Analysis Provides Insight Into the Genetic and Epigenetic Background of Immune Evasion in Colorectal Cancer With High Microsatellite Instability. <i>Gastroenterology</i> , 2022, 162, 799-812.	1.3	28
31	Osteosarcoma-initiating cells show high aerobic glycolysis and attenuation of oxidative phosphorylation mediated by LIN28B. <i>Cancer Science</i> , 2020, 111, 36-46.	3.9	27
32	MAPK13 is preferentially expressed in gynecological cancer stem cells and has a role in the tumor-initiation. <i>Biochemical and Biophysical Research Communications</i> , 2016, 472, 643-647.	2.1	24
33	Monitoring peptide processing for MHC class I molecules in the endoplasmic reticulum. <i>Current Opinion in Immunology</i> , 2014, 26, 123-127.	5.5	23
34	HLA-A*24 ligandome analysis of colon and lung cancer cells identifies a novel cancer-testis antigen and a neoantigen that elicits specific and strong CTL responses. <i>Oncolmmunology</i> , 2017, 6, e1293214.	4.6	23
35	The future of immunotherapy for sarcoma. <i>Expert Opinion on Biological Therapy</i> , 2016, 16, 1049-1057.	3.1	21
36	Hypoxia augments MHC class I antigen presentation via facilitation of ERO1- β -mediated oxidative folding in murine tumor cells. <i>European Journal of Immunology</i> , 2016, 46, 2842-2851.	2.9	21

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37	Identification and functional analysis of variants of a cancer/testis antigen LEMD1 in colorectal cancer stem-like cells. <i>Biochemical and Biophysical Research Communications</i> , 2017, 485, 651-657.	2.1	20
38	A novel nuclear DnaJ protein, DNAJC8, can suppress the formation of spinocerebellar ataxia 3 polyglutamine aggregation in a J-domain independent manner. <i>Biochemical and Biophysical Research Communications</i> , 2016, 474, 626-633.	2.1	19
39	Microenvironmental stresses induce HLA-Qa surface expression and thereby reduce CD8 ⁺ cell recognition of stressed cells. <i>European Journal of Immunology</i> , 2016, 46, 929-940.	2.9	19
40	Cellular stress induces cancer stem-like cells through expression of DNAJB8 by activation of heat shock factor 1. <i>Cancer Science</i> , 2018, 109, 741-750.	3.9	19
41	Heat shock protein 90 targets a chaperoned peptide to the static early endosome for efficient cross-presentation by human dendritic cells. <i>Cancer Science</i> , 2015, 106, 18-24.	3.9	18
42	Brother of the regulator of the imprinted site (BORIS) variant subfamily 6 is a novel target of lung cancer stem-like cell immunotherapy. <i>PLoS ONE</i> , 2017, 12, e0171460.	2.5	18
43	GRIK2 has a role in the maintenance of urothelial carcinoma stem-like cells, and its expression is associated with poorer prognosis. <i>Oncotarget</i> , 2017, 8, 28826-28839.	1.8	18
44	Human CD8 and CD4 ⁺ T cell epitopes of epithelial cancer antigens. <i>Cancer Chemotherapy and Pharmacology</i> , 2000, 46, S86-S90.	2.3	17
45	Identification of a novel human memory T-cell population with the characteristics of stem-like chemo-resistance. <i>Oncolmunology</i> , 2016, 5, e1165376.	4.6	17
46	Proteogenomic identification of an immunogenic HLA class I neoantigen in mismatch repair-deficient colorectal cancer tissue. <i>JCI Insight</i> , 2021, 6, .	5.0	17
47	Peptide vaccination therapy: Towards the next generation. <i>Pathology International</i> , 2016, 66, 547-553.	1.3	16
48	A case of angioimmunoblastic T-cell lymphoma with high serum VEGF preceded by RS3PE syndrome. <i>Modern Rheumatology</i> , 2016, 26, 281-285.	1.8	16
49	Systematic identification of cancer-specific MHC-binding peptides with RAVEN. <i>Oncolmunology</i> , 2018, 7, e1481558.	4.6	16
50	High Specificity of BCL11B and GLG1 for EWSR1-FLI1 and EWSR1-ERG Positive Ewing Sarcoma. <i>Cancers</i> , 2020, 12, 644.	3.7	16
51	CD8 ⁺ T cell Immune Surveillance against a Tumor Antigen Encoded by the Oncogenic Long Noncoding RNA PVT1. <i>Cancer Immunology Research</i> , 2021, 9, 1342-1353.	3.4	16
52	Endoplasmic Reticulum Aminopeptidase Associated with Antigen Processing Regulates Quality of Processed Peptides Presented by MHC Class I Molecules. <i>Journal of Immunology</i> , 2008, 181, 6275-6282.	0.8	15
53	Ectopically Expressed Variant Form of Sperm Mitochondria-Associated Cysteine-Rich Protein Augments Tumorigenicity of the Stem Cell Population of Lung Adenocarcinoma Cells. <i>PLoS ONE</i> , 2013, 8, e69095.	2.5	13
54	IL-13 modulates Nrp3 levels causing altered expression of barrier and inflammation-related molecules in human keratinocytes: A possible explanation for chronicity of atopic dermatitis. <i>Immunity, Inflammation and Disease</i> , 2021, 9, 734-745.	2.7	13

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55	Heat shock enhances the expression of cytotoxic granule proteins and augments the activities of tumor-associated antigen-specific cytotoxic T lymphocytes. <i>Cell Stress and Chaperones</i> , 2012, 17, 757-763.	2.9	12
56	Natural Antigenic Peptides from Squamous Cell Carcinoma Recognized by Autologous HLA-DR8-restricted CD4+T Cells. <i>Japanese Journal of Cancer Research</i> , 2002, 93, 917-924.	1.7	11
57	Fatal fulminant hepatitis induced by combined ipilimumab and nivolumab therapy despite favorable histologic response and confirmed by autopsy in a patient with clear cell renal cell carcinoma. <i>Immunological Medicine</i> , 2021, 44, 136-141.	2.6	11
58	Mismatch Repair Protein Deficiency Is a Risk Factor for Aberrant Expression of HLA Class I Molecules: A Putative "Adaptive Immune Escape" Phenomenon. <i>Anticancer Research</i> , 2017, 37, 1289-1296.	1.1	11
59	Production of Multiple CTL Epitopes from Multiple Tumor-Associated Antigens. <i>Methods in Molecular Biology</i> , 2014, 1139, 345-355.	0.9	10
60	Proteogenomics: advances in cancer antigen research. <i>Immunological Medicine</i> , 2019, 42, 65-70.	2.6	10
61	Immunopathological basis of immune-related adverse events induced by immune checkpoint blockade therapy. <i>Immunological Medicine</i> , 2022, 45, 108-118.	2.6	10
62	Identification of characteristic subepithelial surface granulomatosis in immune-related adverse event-associated enterocolitis. <i>Cancer Science</i> , 2021, 112, 1320-1325.	3.9	10
63	Proteogenomic discovery of cancer antigens: Neoantigens and beyond. <i>Pathology International</i> , 2019, 69, 511-518.	1.3	9
64	Establishment and Analysis of Cancer Stem-Like and Non-Cancer Stem-Like Clone Cells from the Human Colon Cancer Cell Line SW480. <i>PLoS ONE</i> , 2016, 11, e0158903.	2.5	9
65	LY6/PLAUR domain containing 3 has a role in the maintenance of colorectal cancer stem-like cells. <i>Biochemical and Biophysical Research Communications</i> , 2017, 486, 232-238.	2.1	8
66	Implication of chemo-resistant memory T cells for immune surveillance in patients with sarcoma receiving chemotherapy. <i>Cancer Science</i> , 2017, 108, 1739-1745.	3.9	8
67	Development of a T cell receptor multimer with high avidity for detecting a naturally presented tumor-associated antigen on osteosarcoma cells. <i>Cancer Science</i> , 2019, 110, 40-51.	3.9	8
68	Tumor-infiltrating CD8+ T cells recognize a heterogeneously expressed functional neoantigen in clear cell renal cell carcinoma. <i>Cancer Immunology, Immunotherapy</i> , 2022, 71, 905-918.	4.2	8
69	Case report: Long-term survival of a pancreatic cancer patient immunized with an SVN-2B peptide vaccine. <i>Cancer Immunology, Immunotherapy</i> , 2018, 67, 1603-1609.	4.2	7
70	Differential bronchial epithelial response regulated by Î³Np63: a functional understanding of the epithelial shedding found in asthma. <i>Laboratory Investigation</i> , 2019, 99, 158-168.	3.7	7
71	Development of an artificial antibody specific for HLA/peptide complex derived from cancer stem-like cell/cancer-initiating cell antigen DNAJB8. <i>British Journal of Cancer</i> , 2020, 123, 1387-1394.	6.4	7
72	Characterization of CD8 ⁺ T-cell responses to non-anchor-type HLA class I neoantigens with single amino-acid substitutions. <i>Oncolmmunology</i> , 2021, 10, 1870062.	4.6	7

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73	Fundamental and Essential Knowledge for Pathologists Engaged in the Research and Practice of Immune Checkpoint Inhibitor-Based Cancer Immunotherapy. <i>Frontiers in Oncology</i> , 2021, 11, 679095.	2.8	7
74	GRIK2 is a target for bladder cancer stem-like cell-targeting immunotherapy. <i>Cancer Immunology, Immunotherapy</i> , 2022, 71, 795-806.	4.2	7
75	Establishment of shared antigen reactive cytotoxic T lymphocyte using co-stimulatory molecule introduced autologous cancer cells. <i>Experimental and Molecular Pathology</i> , 2010, 88, 128-132.	2.1	6
76	Immunohistological analysis of pancreatic carcinoma after vaccination with survivin 2B peptide: Analysis of an autopsy series. <i>Cancer Science</i> , 2019, 110, 2386-2395.	3.9	6
77	Upstream Position of Proline Defines Peptideâ€™s HLA Class I Repertoire Formation and CD8+ T Cell Responses. <i>Journal of Immunology</i> , 2019, 202, 2849-2855.	0.8	6
78	Clonal analysis revealed functional heterogeneity in cancer stem-like cell phenotypes in uterine endometrioid adenocarcinoma. <i>Experimental and Molecular Pathology</i> , 2019, 106, 78-88.	2.1	6
79	Biochemical Analysis of Naturally Processed Antigenic Peptides Presented by MHC Class I Molecules. <i>Methods in Molecular Biology</i> , 2013, 960, 179-185.	0.9	5
80	Epithelioid granulomatous lesions express abundant programmed death ligand-1 (PD-L1): a discussion of adverse events in anti-PD-1 antibody-based cancer immunotherapy. <i>Human Vaccines and Immunotherapeutics</i> , 2021, 17, 1940-1942.	3.3	5
81	Possible Pseudo-progression of Non-small Cell Lung Carcinoma in a Patient With Clinical Hyper-progression Associated With Trousseau Syndrome Who Was Treated With Pembrolizumab: A Case Report. <i>Anticancer Research</i> , 2021, 41, 3699-3706.	1.1	5
82	Identification of Neoantigens in Two Murine Gastric Cancer Cell Lines Leading to the Neoantigen-Based Immunotherapy. <i>Cancers</i> , 2022, 14, 106.	3.7	5
83	Identification of Germline Mutation of <i>PTEN</i> Gene and Analysis of Apoptosis Resistance of the Lymphocytes in a Patient with Cowden Disease. <i>Pathobiology</i> , 2002, 70, 34-39.	3.8	4
84	Peptide vaccinations elicited strong immune responses that were reboosted by anti-PD1 therapy in a patient with myxofibrosarcoma. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 189-197.	4.2	4
85	CpG-A stimulates Hsp72 secretion from plasmacytoid dendritic cells, facilitating cross-presentation. <i>Immunology Letters</i> , 2015, 167, 34-40.	2.5	3
86	A case of anaplastic thyroid carcinoma surviving disease free for over 2 years. <i>Auris Nasus Larynx</i> , 1999, 26, 217-220.	1.2	2
87	Less correlation between mismatch repair proteins deficiency and decreased expression of HLA class I molecules in endometrial carcinoma: a different propensity from colorectal cancer. <i>Medical Molecular Morphology</i> , 2021, 54, 14-22.	1.0	2
88	Therapeutic Potential of Cancer Vaccine Based on MHC Class I Cryptic Peptides Derived from Non-Coding Regions. <i>Immuno</i> , 2021, 1, 424-431.	1.5	2
89	High aldehyde dehydrogenase 1 activity is related to radiation resistance due to activation of AKT signaling after insulin stimulation in prostate cancer. <i>Biochemical and Biophysical Research Communications</i> , 2022, 590, 117-124.	2.1	2
90	Neuregulin-1- β 1 and β 3-secretase play a critical role in sphere-formation and cell survival of urothelial carcinoma cancer stem-like cells. <i>Biochemical and Biophysical Research Communications</i> , 2021, 552, 128-135.	2.1	1

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91	Characterization of Proteasome-Generated Spliced Peptides Detected by Mass Spectrometry. <i>Journal of Immunology</i> , 2022, 208, 2856-2865.	0.8	1
92	Biochemical Analysis of Naturally Processed Antigenic Peptides Presented by MHC Class I Molecules. <i>Methods in Molecular Biology</i> , 2019, 1988, 101-108.	0.9	0
93	Induction and Analysis of Cytotoxic T-Lymphocytes that Recognize Autologous Oral Squamous Cell Carcinoma. <i>Anticancer Research</i> , 2017, 37, 4889-4897.	1.1	0
94	835â€¦Structural difference caused by mutated residues is correlated with immunogenicity of neoantigens and specificity of reactive T cells. , 2020, , .		0
95	Palladium-Induced Temporal Internalization of MHC Class I Contributes to T Cell-Mediated Antigenicity. <i>Frontiers in Immunology</i> , 2021, 12, 736936.	4.8	0