# Soldano Ferrone

List of Publications by Year
in descending order

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|---|---|---|---|
| 206 papers | 14,088 citations | 15466 65 h-index | 24179 110 g-index |
| 220 all docs | 220 docs citations | 220 times ranked | 17193 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Escape of Human Solid Tumors from Tâ€“Cell Recognition: Molecular Mechanisms and Functional Significance. Advances in Immunology, 1999, 74, 181-273. | 1.1 | 998 |
| 2 | Impaired HLA Class I Antigen Processing and Presentation as a Mechanism of Acquired Resistance to Immune Checkpoint Inhibitors in Lung Cancer. Cancer Discovery, 2017, 7, 1420-1435. | 7.7 | 507 |
| 3 | Loss of HLA class I antigens by melanoma cells: molecular mechanisms, functional significance and clinial relevance. Trends in Immunology, 1995, 16, 487-494. | 7.5 | 447 |
| 4 | HLA class I antigen downregulation in human cancers: T-cell immunotherapy revives an old story. Trends in Molecular Medicine, 1999, 5, 178-186. | 2.6 | 321 |
| 5 | NCRs and DNAM-1 mediate NK cell recognition and lysis of human and mouse melanoma cell lines in vitro and in vivo. Journal of Clinical Investigation, 2009, 119, 1251-1263. | 3.9 | 313 |
| 6 | Immunobiological Characterization of Cancer Stem Cells Isolated from Glioblastoma Patients. Clinical Cancer Research, 2010, 16, 800-813. | 3.2 | 295 |
| 7 | Antitumor Responses in the Absence of Toxicity in Solid Tumors by Targeting B7-H3 via Chimeric Antigen Receptor T Cells. Cancer Cell, 2019, 35, 221-237.e8. | 7.7 | 286 |
| 8 | Tumor Antigenâ€“Targeted, Monoclonal Antibodyâ€“Based Immunotherapy: Clinical Response, Cellular Immunity, and Immunoescape. Journal of Clinical Oncology, 2010, 28, 4390-4399. | 0.8 | 285 |
| 9 | Distribution and molecular characterization of a cell-surface and a cytoplasmic antigen detectable in human melanoma cells with monoclonal antibodies. International Journal of Cancer, 1981, 28, 293-300. | 2.3 | 240 |
| 10 | Down-Regulation of HLA Class I Antigen-Processing Molecules in Malignant Melanoma. American Journal of Pathology, 1999, 154, 745-754. | 1.9 | 239 |
| 11 | Defects in the Human Leukocyte Antigen Class I Antigen Processing Machinery in Head and Neck Squamous Cell Carcinoma: Association with Clinical Outcome. Clinical Cancer Research, 2005, 11, 2552-2560. | 3.2 | 222 |
| 12 | CTLA-4+ Regulatory T Cells Increased in Cetuximab-Treated Head and Neck Cancer Patients Suppress NK Cell Cytotoxicity and Correlate with Poor Prognosis. Cancer Research, 2015, 75, 2200-2210. | 0.4 | 217 |
| 13 | Multiparametric plasma EV profiling facilitates diagnosis of pancreatic malignancy. Science Translational Medicine, 2017, 9, . | 5.8 | 211 |
| 14 | Immunoaffinityâ€based isolation of melanoma cellâ€derived exosomes from plasma of patients with melanoma. Journal of Extracellular Vesicles, 2018, 7, 1435138. | 5.5 | 210 |
| 15 | Immune Escape Associated with Functional Defects in Antigen-Processing Machinery in Head and Neck Cancer. Clinical Cancer Research, 2006, 12, 3890-3895. | 3.2 | 200 |
| 16 | Programmed Cell Death Ligand 1 Expression in Osteosarcoma. Cancer Immunology Research, 2014, 2, 690-698. | 1.6 | 182 |
| 17 | PD-L1 and HLA Class I Antigen Expression and Clinical Course of the Disease in Intrahepatic Cholangiocarcinoma. Clinical Cancer Research, 2016, 22, 470-478. | 3.2 | 168 |
| 18 | Human High Molecular Weight-Melanoma-Associated Antigen (HMW-MAA): A Melanoma Cell Surface Chondroitin Sulfate Proteoglycan (MSCP) with Biological and Clinical Significance. Critical Reviews in Immunology, 2004, 24, 267-296. | 1.0 | 167 |

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|---|---|---|---|
| 19 | HLA Class I Antigen Down-regulation in Primary Laryngeal Squamous Cell Carcinoma Lesions as a Poor Prognostic Marker. Cancer Research, 2006, 66, 9281-9289. | 0.4 | 165 |
| 20 | B7-H3: An Attractive Target for Antibody-based Immunotherapy. Clinical Cancer Research, 2021, 27, 1227-1235. | 3.2 | 162 |
| 21 | Association of antigen processing machinery and HLA class I defects with clinicopathological outcome in cervical carcinoma. Cancer Immunology, Immunotherapy, 2008, 57, 197-206. | 2.0 | 160 |
| 22 | Soluble human leukocyte antigen-G serum level is elevated in melanoma patients and is further increased by interferon-? immunotherapy. Cancer, 2001, 92, 369-376. | 2.0 | 155 |
| 23 | Î²2-Microglobulin-Free HLA Class I Heavy Chain Epitope Mimicry by Monoclonal Antibody HC-10-Specific Peptide. Journal of Immunology, 2003, 171, 1918-1926. | 0.4 | 150 |
| 24 | Role of polymorphic Fc gamma receptor IIIa and EGFR expression level in cetuximab mediated, NK cell dependent in vitro cytotoxicity of head and neck squamous cell carcinoma cells. Cancer Immunology, Immunotherapy, 2009, 58, 1853-1862. | 2.0 | 148 |
| 25 | CSPG4 Protein as a New Target for the Antibody-Based Immunotherapy of Triple-Negative Breast Cancer. Journal of the National Cancer Institute, 2010, 102, 1496-1512. | 3.0 | 148 |
| 26 | Targeting ALDHbright Human Carcinomaâ€“Initiating Cells with ALDH1A1-Specific CD8+ T Cells. Clinical Cancer Research, 2011, 17, 6174-6184. | 3.2 | 148 |
| 27 | CSPG4, a potential therapeutic target, facilitates malignant progression of melanoma. Pigment Cell and Melanoma Research, 2011, 24, 1148-1157. | 1.5 | 145 |
| 28 | Genetic Evolution of T-cell Resistance in the Course of Melanoma Progression. Clinical Cancer Research, 2014, 20, 6593-6604. | 3.2 | 145 |
| 29 | Melanoma chondroitin sulfate proteoglycan enhances FAK and ERK activation by distinct mechanisms. Journal of Cell Biology, 2004, 165, 881-891. | 2.3 | 133 |
| 30 | Melanoma cell-derived exosomes in plasma of melanoma patients suppress functions of immune effector cells. Scientific Reports, 2020, 10, 92. | 1.6 | 122 |
| 31 | Multiple chimeric antigen receptors successfully target chondroitin sulfate proteoglycan 4 in several different cancer histologies and cancer stem cells. , 2014, 2, 25. | | 112 |
| 32 | NK cells and T cells cooperate during the clinical course of colorectal cancer. OncoImmunology, 2014, 3, e952197. | 2.1 | 110 |
| 33 | Enrichment of CD56dimKIR+CD57+ highly cytotoxic NK cells in tumour-infiltrated lymph nodes of melanoma patients. Nature Communications, 2014, 5, 5639. | 5.8 | 109 |
| 34 | Anti-EGFR Targeted Monoclonal Antibody Isotype Influences Antitumor Cellular Immunity in Head and Neck Cancer Patients. Clinical Cancer Research, 2016, 22, 5229-5237. | 3.2 | 107 |
| 35 | CD137 Stimulation Enhances Cetuximab-Induced Natural Killer: Dendritic Cell Priming of Antitumor T-Cell Immunity in Patients with Head and Neck Cancer. Clinical Cancer Research, 2017, 23, 707-716. | 3.2 | 104 |
| 36 | Down-regulation of HLA-A and HLA-Bw6, but not HLA-Bw4, allospecificities in leukemic cells: an escape mechanism from CTL and NK attack?. Blood, 2004, 103, 3122-3130. | 0.6 | 102 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Classical and Nonclassical HLA Class I Antigen and NK Cellâ€“Activating Ligand Changes in Malignant Cells: Current Challenges and Future Directions. Advances in Cancer Research, 2005, 93, 189-234. | 1.9 | 102 |
| 38 | Immune selective pressure and HLA class I antigen defects in malignant lesions. Cancer Immunology, Immunotherapy, 2006, 56, 227-236. | 2.0 | 102 |
| 39 | B7-H3-redirected chimeric antigen receptor T cells target glioblastoma and neurospheres. EBioMedicine, 2019, 47, 33-43. | 2.7 | 101 |
| 40 | HLA Class II Antigen Expression in Colorectal Carcinoma Tumors as a Favorable Prognostic Marker. Neoplasia, 2014, 16, 31-W15. | 2.3 | 99 |
| 41 | Epigenetic priming restores the HLA class-I antigen processing machinery expression in Merkel cell carcinoma. Scientific Reports, 2017, 7, 2290. | 1.6 | 99 |
| 42 | Selective Histocompatibility Leukocyte Antigen (Hla)-A2 Loss Caused by Aberrant Pre-mRNA Splicing in 624mel28 Melanoma Cells. Journal of Experimental Medicine, 1999, 190, 205-216. | 4.2 | 98 |
| 43 | Cancer-Initiating Cells from Colorectal Cancer Patients Escape from T Cellâ€“Mediated Immunosurveillance In Vitro through Membrane-Bound IL-4. Journal of Immunology, 2014, 192, 523-532. | 0.4 | 97 |
| 44 | Immune Selection of Hot-Spot Î²2-Microglobulin Gene Mutations, HLA-A2 Allospecificity Loss, and Antigen-Processing Machinery Component Down-Regulation in Melanoma Cells Derived from Recurrent Metastases following Immunotherapy. Journal of Immunology, 2005, 174, 1462-1471. | 0.4 | 96 |
| 45 | Constitutive and TNFÎ±-inducible expression of chondroitin sulfate proteoglycan 4 in glioblastoma and neurospheres: Implications for CAR-T cell therapy. Science Translational Medicine, 2018, 10, . | 5.8 | 96 |
| 46 | HETEROGENEOUS DISTRIBUTION OF THE DETERMINANTS DEFINED BY MONOCLONAL ANTIBODIES ON HLA-A AND B ANTIGENS BEARING MOLECULES. Transplantation, 1982, 34, 18-23. | 0.5 | 95 |
| 47 | T Lymphocytes Redirected against the Chondroitin Sulfate Proteoglycan-4 Control the Growth of Multiple Solid Tumors both In Vitro and In Vivo. Clinical Cancer Research, 2014, 20, 962-971. | 3.2 | 95 |
| 48 | Mitochondrial miRNA Determines Chemoresistance by Reprogramming Metabolism and Regulating Mitochondrial Transcription. Cancer Research, 2019, 79, 1069-1084. | 0.4 | 94 |
| 49 | Expression and prognostic significance of prothymosin-Î± and ERp57 in human gastric cancer. Surgery, 2007, 141, 41-50. | 1.0 | 93 |
| 50 | Functional and Clinical Relevance of Chondroitin Sulfate Proteoglycan 4. Advances in Cancer Research, 2010, 109, 73-121. | 1.9 | 93 |
| 51 | Multiple defects of the antigen-processing machinery components in human neuroblastoma: immunotherapeutic implications. Oncogene, 2005, 24, 4634-4644. | 2.6 | 92 |
| 52 | Blocking the formation of radiation-induced breast cancer stem cells. Oncotarget, 2014, 5, 3743-3755. | 0.8 | 92 |
| 53 | Cancer Immunotherapy Targeting the High Molecular Weight Melanoma-Associated Antigen Protein Results in a Broad Antitumor Response and Reduction of Pericytes in the Tumor Vasculature. Cancer Research, 2008, 68, 8066-8075. | 0.4 | 91 |
| 54 | Inhibitors of histone deacetylase 1 reverse the immune evasion phenotype to enhance T-cell mediated lysis of prostate and breast carcinoma cells. Oncotarget, 2016, 7, 7390-7402. | 0.8 | 89 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | IL15 Stimulation with TIGIT Blockade Reverses CD155-mediated NK-Cell Dysfunction in Melanoma. Clinical Cancer Research, 2020, 26, 5520-5533. | 3.2 | 88 |
| 56 | Ipilimumab in the treatment of metastatic melanoma: management of adverse events. OncoTargets and Therapy, 2014, 7, 203. | 1.0 | 87 |
| 57 | Characterization of human lymphocyte antigen class I antigen-processing machinery defects in renal cell carcinoma lesions with special emphasis on transporter-associated with antigen-processing down-regulation. Clinical Cancer Research, 2003, 9, 1721-7. | 3.2 | 87 |
| 58 | The role of cancer stem cells in the modulation of anti-tumor immune responses. Seminars in Cancer Biology, 2018, 53, 189-200. | 4.3 | 80 |
| 59 | CAR T Cell-Based Immunotherapy for the Treatment of Glioblastoma. Frontiers in Neuroscience, 2021, 15, 662064. | 1.4 | 80 |
| 60 | CSPG4 as a Target of Antibody-Based Immunotherapy for Malignant Mesothelioma. Clinical Cancer Research, 2012, 18, 5352-5363. | 3.2 | 78 |
| 61 | Association of HLA class I antigen abnormalities with disease progression and early recurrence in prostate cancer. Cancer Immunology, Immunotherapy, 2010, 59, 529-540. | 2.0 | 77 |
| 62 | Immunomodulating and Immunoresistance Properties of Cancer-Initiating Cells: Implications for the Clinical Success of Immunotherapy. Immunological Investigations, 2017, 46, 221-238. | 1.0 | 77 |
| 63 | TAP1 down-regulation in primary melanoma lesions: An independent marker of poor prognosis. International Journal of Cancer, 2001, 95, 23-28. | 2.3 | 70 |
| 64 | A High Molecular Weight Melanoma-Associated Antigenâ€“Specific Chimeric Antigen Receptor Redirects Lymphocytes to Target Human Melanomas. Cancer Research, 2010, 70, 3027-3033. | 0.4 | 70 |
| 65 | SHP2 Is Overexpressed and Inhibits pSTAT1-Mediated APM Component Expression, T-cell Attracting Chemokine Secretion, and CTL Recognition in Head and Neck Cancer Cells. Clinical Cancer Research, 2013, 19, 798-808. | 3.2 | 70 |
| 66 | LOH in the HLA Class I Region at 6p21 Is Associated with Shorter Survival in Newly Diagnosed Adult Glioblastoma. Clinical Cancer Research, 2013, 19, 1816-1826. | 3.2 | 70 |
| 67 | Defective HLA class I antigen processing machinery in cancer. Cancer Immunology, Immunotherapy, 2018, 67, 999-1009. | 2.0 | 68 |
| 68 | Association of IFN-Î³ Signal Transduction Defects with Impaired HLA Class I Antigen Processing in Melanoma Cell Lines. Clinical Cancer Research, 2011, 17, 2668-2678. | 3.2 | 67 |
| 69 | Structural polymorphism of human DR antigens. Nature, 1979, 279, 436-437. | 13.7 | 66 |
| 70 | Immunotherapy of Malignant Disease with Tumor Antigenâ€“Specific Monoclonal Antibodies. Clinical Cancer Research, 2010, 16, 11-20. | 3.2 | 65 |
| 71 | STAT1-Induced HLA Class I Upregulation Enhances Immunogenicity and Clinical Response to Anti-EGFR mAb Cetuximab Therapy in HNC Patients. Cancer Immunology Research, 2015, 3, 936-945. | 1.6 | 65 |
| 72 | A review of B7-H3 and B7-H4 immune molecules and their role in ovarian cancer. Gynecologic Oncology, 2012, 127, 420-425. | 0.6 | 64 |

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|---|---|---|---|
| 73 | CSPG4-Specific Immunity and Survival Prolongation in Dogs with Oral Malignant Melanoma Immunized with Human CSPG4 DNA. Clinical Cancer Research, 2014, 20, 3753-3762. | 3.2 | 64 |
| 74 | HLA class II antigen-processing pathway in tumors: Molecular defects and clinical relevance. OncoImmunology, 2017, 6, e1171447. | 2.1 | 64 |
| 75 | Association of tapasin and HLA class I antigen down-regulation in primary maxillary sinus squamous cell carcinoma lesions with reduced survival of patients. Clinical Cancer Research, 2003, 9, 4043-51. | 3.2 | 63 |
| 76 | Melanoma Cells Inhibit NK Cell Functionsâ€"Letter. Cancer Research, 2012, 72, 5428-5429. | 0.4 | 61 |
| 77 | Multiple Structural and Epigenetic Defects in the Human Leukocyte Antigen Class I Antigen Presentation Pathway in a Recurrent Metastatic Melanoma Following Immunotherapy. Journal of Biological Chemistry, 2015, 290, 26562-26575. | 1.6 | 59 |
| 78 | Immunological and clinical significance of HLA class I antigen processing machinery component defects in malignant cells. Oral Oncology, 2016, 58, 52-58. | 0.8 | 58 |
| 79 | Stimulation of human T lymphocytes by PHA-activated autologous T lymphocytes: Analysis of the role of Ia-like antigens with monoclonal antibodies. Immunogenetics, 1981, 12, 267-274. | 1.2 | 57 |
| 80 | A method to generate antigen-specific mAb capable of staining formalin-fixed, paraffin-embedded tissue sections. Journal of Immunological Methods, 2005, 299, 139-151. | 0.6 | 56 |
| 81 | Role of Tumor-Associated Macrophages in the Clinical Course of Pancreatic Neuroendocrine Tumors (PanNETs). Clinical Cancer Research, 2019, 25, 2644-2655. | 3.2 | 56 |
| 82 | Association of HL-A antigens andÎ² 2-microglobulin at the cellular and molecular level. Immunogenetics, 1975, 2, 183-197. | 1.2 | 55 |
| 83 | Functional Characterization of an scFv-Fc Antibody that Immunotherapeutically Targets the Common Cancer Cell Surface Proteoglycan CSPG4. Cancer Research, 2011, 71, 7410-7422. | 0.4 | 54 |
| 84 | Long Noncoding RNA MPRL Promotes Mitochondrial Fission and Cisplatin Chemosensitivity via Disruption of Pre-miRNA Processing. Clinical Cancer Research, 2019, 25, 3673-3688. | 3.2 | 54 |
| 85 | NK-Cell-Mediated Targeting of Various Solid Tumors Using a B7-H3 Tri-Specific Killer Engager In Vitro and In Vivo. Cancers, 2020, 12, 2659. | 1.7 | 54 |
| 86 | B7-H3-targeted 212Pb radioimmunotherapy of ovarian cancer in preclinical models. Nuclear Medicine and Biology, 2017, 47, 23-30. | 0.3 | 52 |
| 87 | The SPPL3-Defined Glycosphingolipid Repertoire Orchestrates HLA Class I-Mediated Immune Responses. Immunity, 2021, 54, 132-150.e9. | 6.6 | 52 |
| 88 | Molecular and Functional Profiles of Exosomes From HPV(+) and HPV(â^') Head and Neck Cancer Cell Lines. Frontiers in Oncology, 2018, 8, 445. | 1.3 | 50 |
| 89 | Structural Relatedness of Distinct Determinants Recognized by Monoclonal Antibody TP25.99 on Î²2-Microglobulin-Associated and Î²2-Microglobulin-Free HLA Class I Heavy Chains. Journal of Immunology, 2000, 165, 3275-3283. | 0.4 | 49 |
| 90 | Tumor Microenvironment Immune Response in Pancreatic Ductal Adenocarcinoma Patients Treated With Neoadjuvant Therapy. Journal of the National Cancer Institute, 2021, 113, 182-191. | 3.0 | 49 |

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|---|---|---|---|
| 91 | A novel chemoradiation targeting stem and nonstem pancreatic cancer cells by repurposing disulfiram. Cancer Letters, 2017, 409, 9-19. | 3.2 | 48 |
| 92 | Induction of immunogenic cell death in radiation-resistant breast cancer stem cells by repurposing anti-alcoholism drug disulfiram. Cell Communication and Signaling, 2020, 18, 36. | 2.7 | 47 |
| 93 | Preclinical Evaluation of B7-H3â€“specific Chimeric Antigen Receptor T Cells for the Treatment of Acute Myeloid Leukemia. Clinical Cancer Research, 2021, 27, 3141-3153. | 3.2 | 45 |
| 94 | Lymphocytotoxic antibodies in systemic lupus erythematosus patients and their relatives. Arthritis and Rheumatism, 1980, 23, 265-272. | 6.7 | 41 |
| 95 | FCÎ³ Chimeric Receptor-Engineered T Cells: Methodology, Advantages, Limitations, and Clinical Relevance. Frontiers in Immunology, 2017, 8, 457. | 2.2 | 41 |
| 96 | Iron and Ferritin Modulate MHC Class I Expression and NK Cell Recognition. Frontiers in Immunology, 2019, 10, 224. | 2.2 | 41 |
| 97 | Distribution of antigenic determinants recognized by three monoclonal antibodies (Q2/70, Q5/6 and) Tj ETQq1 1 0.784314 rgBT /Ove | 1.2 | 40 |
| 98 | Monoclonal antibody-based immunotherapy of ovarian cancer: Targeting ovarian cancer cells with the B7-H3-specific mAb 376.96. Gynecologic Oncology, 2014, 132, 203-210. | 0.6 | 40 |
| 99 | 212Pb-labeled B7-H3-targeting antibody for pancreatic cancer therapy in mouse models. Nuclear Medicine and Biology, 2018, 58, 67-73. | 0.3 | 40 |
| 100 | Resistance to anti-PD-1-based immunotherapy in basal cell carcinoma: a case report and review of the literature. , 2018, 6, 126. | | 40 |
| 101 | Targeting Radiation-Resistant Prostate Cancer Stem Cells by B7-H3 CAR T Cells. Molecular Cancer Therapeutics, 2021, 20, 577-588. | 1.9 | 40 |
| 102 | Down-regulation of Human Leukocyte Antigen class I heavy chain in tumors is associated with a poor prognosis in advanced esophageal cancer patients. International Journal of Oncology, 2012, 40, 965-974. | 1.4 | 39 |
| 103 | Proteomic profile of melanoma cellâ€derived small extracellular vesicles in patientsâ€™ plasma: a potential correlate of melanoma progression. Journal of Extracellular Vesicles, 2021, 10, e12063. | 5.5 | 38 |
| 104 | Chondroitin sulfate proteoglycan-4: A biomarker and a potential immunotherapeutic target for canine malignant melanoma. Veterinary Journal, 2011, 190, e26-e30. | 0.6 | 37 |
| 105 | Decreased expression of mitochondrial miR-5787 contributes to chemoresistance by reprogramming glucose metabolism and inhibiting MT-CO3 translation. Theranostics, 2019, 9, 5739-5754. | 4.6 | 36 |
| 106 | Characterization of antigen processing machinery and Survivin expression in tonsillar squamous cell carcinoma. Cancer, 2003, 97, 2203-2211. | 2.0 | 35 |
| 107 | EGFR-mediated tumor immunoescape. OncoImmunology, 2013, 2, e27215. | 2.1 | 35 |
| 108 | Antitumor Activity of BRAF Inhibitor and IFNÎ± Combination in BRAF-Mutant Melanoma. Journal of the National Cancer Institute, 2016, 108, djv435. | 3.0 | 35 |

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|---|---|---|---|
| 109 | Anti-proliferative and pro-apoptotic activity of GD2 ganglioside-specific monoclonal antibody 3F8 in human melanoma cells. OncoImmunology, 2015, 4, e1023975. | 2.1 | 33 |
| 110 | Monitoring native HLA-I trimer specific antibodies in Luminex multiplex single antigen bead assay: Evaluation of beadsets from different manufacturers. Journal of Immunological Methods, 2017, 450, 73-80. | 0.6 | 33 |
| 111 | HLA class I antigen processing machinery defects in antitumor immunity and immunotherapy. Trends in Cancer, 2021, 7, 1089-1101. | 3.8 | 32 |
| 112 | HLA class I downregulation is associated with enhanced NKâ€cell killing of melanoma cells with acquired drug resistance to BRAF inhibitors. European Journal of Immunology, 2016, 46, 409-419. | 1.6 | 31 |
| 113 | 212Pb-Labeled Antibody 225.28 Targeted to Chondroitin Sulfate Proteoglycan 4 for Triple-Negative Breast Cancer Therapy in Mouse Models. International Journal of Molecular Sciences, 2018, 19, 925. | 1.8 | 31 |
| 114 | The HDAC Inhibitor Domatinostat Promotes Cell-Cycle Arrest, Induces Apoptosis, and Increases Immunogenicity of Merkel Cell Carcinoma Cells. Journal of Investigative Dermatology, 2021, 141, 903-912.e4. | 0.3 | 31 |
| 115 | In vitro elimination of epidermal growth factor receptorâ€overexpressing cancer cells by CD32Aâ€chimeric receptor T cells in combination with cetuximab or panitumumab. International Journal of Cancer, 2020, 146, 236-247. | 2.3 | 30 |
| 116 | Differential clinical significance of Î±vÎ²3 expression in primary lesions of acral lentiginous melanoma and of other melanoma histotypes. , 2000, 89, 153-159. | | 28 |
| 117 | Î± v Î² 3 expression on blood vessels and melanoma cells in primary lesions; differential association with tumor progression and clinical prognosis. Cancer Immunology, Immunotherapy, 2000, 49, 314-318. | 2.0 | 28 |
| 118 | CSPG4 as a prognostic biomarker in chordoma. Spine Journal, 2016, 16, 722-727. | 0.6 | 28 |
| 119 | Targeting the innate immunoreceptor RIG-I overcomes melanoma-intrinsic resistance to T cell immunotherapy. Journal of Clinical Investigation, 2020, 130, 4266-4281. | 3.9 | 27 |
| 120 | HLA Class I Antigen Processing Machinery Defects in Cancer Cellsâ€"Frequency, Functional Significance, and Clinical Relevance with Special Emphasis on Their Role in T Cell-Based Immunotherapy of Malignant Disease. Methods in Molecular Biology, 2020, 2055, 325-350. | 0.4 | 26 |
| 121 | Modifications to the Framework Regions Eliminate Chimeric Antigen Receptor Tonic Signaling. Cancer Immunology Research, 2021, 9, 441-453. | 1.6 | 25 |
| 122 | A Pan-Histone Deacetylase Inhibitor Enhances the Antitumor Activity of B7-H3â€"Specific CAR T Cells in Solid Tumors. Clinical Cancer Research, 2021, 27, 3757-3771. | 3.2 | 25 |
| 123 | Radiotherapy to Enhance Chimeric Antigen Receptor T-Cell Therapeutic Efficacy in Solid Tumors. JAMA Oncology, 2021, 7, 1051. | 3.4 | 25 |
| 124 | Phosphorylated Histone H3 (PHH3) Is a Superior Proliferation Marker for Prognosis of Pancreatic Neuroendocrine Tumors. Annals of Surgical Oncology, 2016, 23, 609-617. | 0.7 | 24 |
| 125 | CSPG4-Specific CAR.CIK Lymphocytes as a Novel Therapy for the Treatment of Multiple Soft-Tissue Sarcoma Histotypes. Clinical Cancer Research, 2020, 26, 6321-6334. | 3.2 | 24 |
| 126 | Specific Lysis of Melanoma Cells by Receptor Grafted T Cells is Enhanced by Anti-Idiotypic Monoclonal Antibodies Directed to the scFv Domain of the Receptor. Journal of Investigative Dermatology, 1999, 112, 744-750. | 0.3 | 23 |

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|---|---|---|---|
| 127 | Expression status of folate receptor alpha is a predictor of survival in pancreatic ductal adenocarcinoma. Oncotarget, 2017, 8, 37646-37656. | 0.8 | 23 |
| 128 | Differential Immunogenicity of Two Peptides Isolated by High Molecular Weight-Melanoma-Associated Antigen-Specific Monoclonal Antibodies with Different Affinities. Journal of Immunology, 2005, 174, 7104-7110. | 0.4 | 22 |
| 129 | Intracellular antigens as targets for antibody based immunotherapy of malignant diseases. Molecular Oncology, 2015, 9, 1982-1993. | 2.1 | 22 |
| 130 | Chondroitin sulfate proteoglycan 4 as a target for chimeric antigen receptor-based T-cell immunotherapy of solid tumors. Expert Opinion on Therapeutic Targets, 2015, 19, 1339-1350. | 1.5 | 22 |
| 131 | Human Leukocyte Antigen Class I Antigen-Processing Machinery Upregulation by Anticancer Therapies in the Era of Checkpoint Inhibitors. JAMA Oncology, 2022, 8, 462. | 3.4 | 22 |
| 132 | Human High Molecular Weight Melanoma-Associated Antigen Mimicry by Mouse Anti-Idiotypic Monoclonal Antibody MK2-23: Enhancement of Immunogenicity of Anti-Idiotypic Monoclonal Antibody MK2-23 by Fusion with Interleukin 2. Cancer Research, 2005, 65, 6976-6983. | 0.4 | 21 |
| 133 | Human preprocalcitonin self-antigen generates TAP-dependent and -independent epitopes triggering optimised T-cell responses toward immune-escaped tumours. Nature Communications, 2018, 9, 5097. | 5.8 | 21 |
| 134 | lncRNA CISAL Inhibits BRCA1 Transcription by Forming a Tertiary Structure at Its Promoter. IScience, 2020, 23, 100835. | 1.9 | 21 |
| 135 | Radioimmunodetection of Melanoma: Preliminary Results of a Prospective Study. International Journal of Biological Markers, 1986, 1, 47-54. | 0.7 | 20 |
| 136 | Computationally Guided Design of Single-Chain Variable Fragment Improves Specificity of Chimeric Antigen Receptors. Molecular Therapy - Oncolytics, 2019, 15, 30-37. | 2.0 | 20 |
| 137 | Identification of CSPG4 as a promising target for translational combinatorial approaches in osteosarcoma. Therapeutic Advances in Medical Oncology, 2019, 11, 175883591985549. | 1.4 | 20 |
| 138 | Disulfiram Acts as a Potent Radio-Chemo Sensitizer in Head and Neck Squamous Cell Carcinoma Cell Lines and Transplanted Xenografts. Cells, 2021, 10, 517. | 1.8 | 20 |
| 139 | High IDO1 Expression Is Associated with Poor Outcome in Patients with Anal Cancer Treated with Definitive Chemoradiotherapy. Oncologist, 2019, 24, e275-e283. | 1.9 | 18 |
| 140 | ADAM12-L confers acquired 5-fluorouracil resistance in breast cancer cells. Scientific Reports, 2017, 7, 9687. | 1.6 | 17 |
| 141 | Spatial Analysis and Clinical Significance of HLA Class-I and Class-II Subunit Expression in Nonâ€“Small Cell Lung Cancer. Clinical Cancer Research, 2021, 27, 2837-2847. | 3.2 | 17 |
| 142 | Mitochondrial fission induces immunoescape in solid tumors through decreasing MHC-I surface expression. Nature Communications, 2022, 13, . | 5.8 | 17 |
| 143 | Analysis of the NIH Workshop Monoclonal Antibodies to Human Melanoma Antigens. Hybridoma, 1982, 1, 473-482. | 0.9 | 16 |
| 144 | B7-H3 targeted antibody-based immunotherapy of malignant diseases. Expert Opinion on Biological Therapy, 2021, 21, 587-602. | 1.4 | 16 |

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|---|---|---|---|
| 145 | Detection of Chondroitin Sulfate Proteoglycan 4 (CSPG4) in Melanoma. Methods in Molecular Biology, 2014, 1102, 523-535. | 0.4 | 16 |
| 146 | CD16â€158â€valine chimeric receptor T cells overcome the resistance of KRASâ€mutated colorectal carcinoma cells to cetuximab. International Journal of Cancer, 2020, 146, 2531-2538. | 2.3 | 15 |
| 147 | Overexpression of miR-489 enhances efficacy of 5-fluorouracil-based treatment in breast cancer stem cells by targeting XIAP. Oncotarget, 2017, 8, 113837-113846. | 0.8 | 15 |
| 148 | Enhancement of anti-leukemia activity of NK cellsin vitroandin vivoby inhibition of leukemia cell-induced NK cell damage. Oncotarget, 2016, 7, 2070-2079. | 0.8 | 15 |
| 149 | Distribution of a Cross-Species Melanoma-Associated Antigen in Normal and Neoplastic Human Tissues. Journal of Investigative Dermatology, 1985, 85, 340-346. | 0.3 | 14 |
| 150 | Rabbit Complement in the Lymphocytotoxicity Test. Tissue Antigens, 1977, 9, 223-226. | 1.0 | 14 |
| 151 | Dendritic cell maturation in HCV infection: Altered regulation of MHC class I antigen processing-presenting machinery. Journal of Hepatology, 2014, 61, 242-251. | 1.8 | 14 |
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