Nejat Egilmez

List of Publications by Year
in descending order

87 papers	3,742 citations	159585 30 h-index	144013 57 g-index
88 all docs	88 docs citations	88 times ranked	5187 citing authors

#	Article	IF	Citations
1	Exosomeâ€like nanoparticles from Mulberry bark prevent DSSâ€induced colitis via the AhR/COPS8 pathway. EMBO Reports, 2022, 23, e53365.	4.5	56
2	Epidermal Fatty Acidâ€'Binding Protein Mediates Depilatory-Induced Acute Skin Inflammation. Journal of Investigative Dermatology, 2022, 142, 1824-1834.e7.	0.7	4
3	Anti-PD-1 antibody-mediated activation of type 17 T-cells undermines checkpoint blockade therapy. Cancer Immunology, Immunotherapy, 2021, 70, 1789-1796.	4.2	16
4	Microbiome data analysis with applications to pre-clinical studies using QIIME2: Statistical considerations. Genes and Diseases, 2021, 8, 215-223.	3.4	20
5	Dietary Fats High in Linoleic Acids Impair Antitumor T-cell Responses by Inducing E-FABPâ€"Mediated Mitochondrial Dysfunction. Cancer Research, 2021, 81, 5296-5310.	0.9	19
6	Berry anthocyanidins inhibit intestinal polyps and colon tumors by modulation of Src, EGFR and the colon inflammatory environment. Oncoscience, 2021, 8, 120-133.	2.2	4
7	Microspheres Encapsulating Immunotherapy Agents Target the Tumor-Draining Lymph Node in Pancreatic Ductal Adenocarcinoma. Immunological Investigations, 2020, 49, 808-823.	2.0	8
8	Temporospatial shifts within commercial laboratory mouse gut microbiota impact experimental reproducibility. BMC Biology, 2020, 18, 83.	3.8	17
9	Chemoprevention of Colorectal Cancer by Anthocyanidins and Mitigation of Metabolic Shifts Induced by Dysbiosis of the Gut Microbiome. Cancer Prevention Research, 2020, 13, 41-52.	1.5	26
10	Cytokine-Encapsulated Biodegradable Microspheres for Immune Therapy. Immunological Investigations, 2020, 49, 824-839.	2.0	9
11	Consumption of the Fish Oil High-Fat Diet Uncouples Obesity and Mammary Tumor Growth through Induction of Reactive Oxygen Species in Protumor Macrophages. Cancer Research, 2020, 80, 2564-2574.	0.9	45
12	Stereotactic Body Radiation and Interleukin-12 Combination Therapy Eradicates Pancreatic Tumors by Repolarizing the Immune Microenvironment. Cell Reports, 2019, 29, 406-421.e5.	6.4	55
13	IFNÎ²-producing CX3CR1⁺ macrophages promote T-regulatory cell expansion and tumor growth in the APC^{min/+} / Bacteroides fragilis colon cancer model. OncoImmunology, 2019, 8, e1665975.	4.6	12
14	In vivo tracking of orally-administered particles within the gastrointestinal tract of murine models using multispectral optoacoustic tomography. Photoacoustics, 2019, 13, 46-52.	7.8	20
15	A Novel Form of 4-1BBL Prevents Cancer Development via Nonspecific Activation of CD4+ T and Natural Killer Cells. Cancer Research, 2019, 79, 783-794.	0.9	14
16	Intravaginal Administration of Interleukin 12 during Genital Gonococcal Infection in Mice Induces Immunity to Heterologous Strains of Neisseria gonorrhoeae. MSphere, 2018, 3, .	2.9	29
17	Expression of Adipocyte/Macrophage Fatty Acidâ€"Binding Protein in Tumor-Associated Macrophages Promotes Breast Cancer Progression. Cancer Research, 2018, 78, 2343-2355.	0.9	92
18	Inhaled IL-10 Suppresses Lung Tumorigenesis via Abrogation of Inflammatory Macrophageâ€"Th17 Cell Axis. Journal of Immunology, 2018, 201, 2842-2850.	0.8	27

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19	Plant-Derived Exosomal MicroRNAs Shape the Gut Microbiota. Cell Host and Microbe, 2018, 24, 637-652.e8.	11.0	517
20	Enhanced gut barrier integrity sensitizes colon cancer to immune therapy. OncoImmunology, 2018, 7, e1498438.	4.6	18
21	Circulating Adipose Fatty Acid Binding Protein Is a New Link Underlying Obesity-Associated Breast/Mammary Tumor Development. Cell Metabolism, 2018, 28, 689-705.e5.	16.2	93
22	Anti-Fibrotic Potential of All Trans Retinoic Acid in Inflammatory Bowel Disease. Journal of Gastroenterology, Pancreatology & Liver Disorders, 2018, 6, 1-8.	0.2	7
23	Noninvasive Imaging of Colitis Using Multispectral Optoacoustic Tomography. Journal of Nuclear Medicine, 2017, 58, 1009-1012.	5.0	28
24	Oral IL-10 suppresses colon carcinogenesis via elimination of pathogenicCD4⁺ T-cells and induction of antitumor CD8⁺ T-cell activity. OncoImmunology, 2017, 6, e1319027.	4.6	22
25	AMPK-dependent and independent effects of AICAR and compound C on T-cell responses. Oncotarget, 2016, 7, 33783-33795.	1.8	35
26	Ontogeny of Tumor-associated CD4+CD25+Foxp3+ T-regulatory Cells. Immunological Investigations, 2016, 45, 729-745.	2.0	6
27	Tolerogenic Phenotype of IFN-Î³â€“Induced IDO+ Dendritic Cells Is Maintained via an Autocrine IDOâ€“Kynurenine/AhRâ€“IDO Loop. Journal of Immunology, 2016, 197, 962-970.	0.8	117
28	Synergy of Transforming Growth Factor Beta 1 and All Trans Retinoic Acid in the Treatment of Inflammatory Bowel Disease: Role of Regulatory T cells. Journal of Gastroenterology, Pancreatology & Liver Disorders, 2016, 3, 01-08.	0.2	6
29	Protective Potential of Antioxidant Enzymes as Vaccines for Schistosomiasis in a Non-Human Primate Model. Frontiers in Immunology, 2015, 6, 273.	4.8	17
30	Deficiency of AMPK in CD8+ T cells suppresses their anti-tumor function by inducing protein phosphatase-mediated cell death. Oncotarget, 2015, 6, 7944-7958.	1.8	38
31	Oral Delivery of Particulate Transforming Growth Factor Beta 1 and All-Trans Retinoic Acid Reduces Gut Inflammation in Murine Models of Inflammatory Bowel Disease. Journal of Crohn's and Colitis, 2015, 9, 647-658.	1.3	24
32	Regulatory Rebound in IL-12â€“Treated Tumors Is Driven by Uncommitted Peripheral Regulatory T Cells. Journal of Immunology, 2015, 195, 1293-1300.	0.8	20
33	Modulating gut immunity and neoplasia with oral cytokine adjuvants. OncoImmunology, 2015, 4, e1002724.	4.6	1
34	Enterobacteria-secreted particles induce production of exosome-like S1P-containing particles by intestinal epithelium to drive Th17-mediated tumorigenesis. Nature Communications, 2015, 6, 6956.	12.8	67
35	T-cell Expression of IL10 Is Essential for Tumor Immune Surveillance in the Small Intestine. Cancer Immunology Research, 2015, 3, 806-814.	3.4	39
36	Grapefruit-Derived Nanovectors Use an Activated Leukocyte Trafficking Pathway to Deliver Therapeutic Agents to Inflammatory Tumor Sites. Cancer Research, 2015, 75, 2520-2529.	0.9	216

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37	Radio-responsive tumors exhibit greater intratumoral immune activity than nonresponsive tumors. International Journal of Cancer, 2014, 134, 2383-2392.	5.1	32
38	Oral Interleukin-10 Alleviates Polyposis via Neutralization of Pathogenic T-Regulatory Cells. Cancer Research, 2014, 74, 5377-5385.	0.9	29
39	Inhibition of lysosomal enzyme activities by proton pump inhibitors. Journal of Gastroenterology, 2013, 48, 1343-1352.	5.1	41
40	Enhancement of Adaptive Immunity to Neisseria gonorrhoeae by Local Intravaginal Administration of Microencapsulated Interleukin 12. Journal of Infectious Diseases, 2013, 208, 1821-1829.	4.0	42
41	Tumor Escape and Progression under Immune Pressure. Clinical and Developmental Immunology, 2012, 2012, 1-2.	3.3	2
42	Chemoimmunotherapy as long-term maintenance therapy for cancer. OncoImmunology, 2012, 1, 563-565.	4.6	13
43	Characterization of iNOS+ Neutrophil-like ring cell in tumor-bearing mice. Journal of Translational Medicine, 2012, 10, 152.	4.4	19
44	Indoleamine 2,3-Dioxygenase and Dendritic Cell Tolerogenicity. Immunological Investigations, 2012, 41, 738-764.	2.0	140
45	Nitric oxide short-circuits interleukin-12-mediated tumor regression. Cancer Immunology, Immunotherapy, 2011, 60, 839-845.	4.2	16
46	Dichotomous Effects of IFN-Î³ on Dendritic Cell Function Determine the Extent of IL-12â€“Driven Antitumor T Cell Immunity. Journal of Immunology, 2011, 187, 126-132.	0.8	32
47	Chronic Chemoimmunotherapy Achieves Cure of Spontaneous Murine Mammary Tumors via Persistent Blockade of Posttherapy Counter-Regulation. Journal of Immunology, 2011, 187, 4109-4118.	0.8	8
48	Tumor-Resident CD8+ T-cell: The Critical Catalyst in IL-12-Mediated Reversal of Tumor Immune Suppression. Archivum Immunologiae Et Therapiae Experimentalis, 2010, 58, 399-405.	2.3	14
49	Central Role of IFNÎ³â€“Indoleamine 2,3-Dioxygenase Axis in Regulation of Interleukin-12â€“Mediated Antitumor Immunity. Cancer Research, 2010, 70, 129-138.	0.9	59
50	Activated CD8+ T-Effector/Memory Cells Eliminate CD4+ CD25+ Foxp3+ T-Suppressor Cells from Tumors via FasL Mediated Apoptosis. Journal of Immunology, 2009, 183, 7656-7660.	0.8	32
51	Central Role of Tumor-Associated CD8+ T Effector/Memory Cells in Restoring Systemic Antitumor Immunity. Journal of Immunology, 2009, 182, 4217-4225.	0.8	47
52	Rapid release of cytoplasmic ILâ€1 5 from tumorâ€associated macrophages is an initial and critical event in ILâ€12â€initiated tumor regression. European Journal of Immunology, 2009, 39, 2126-2135.	2.9	29
53	Transient activation of tumor-associated T-effector/memory cells promotes tumor eradication via NK-cell recruitment: minimal role for long-term T-cell immunity in cure of metastatic disease. Cancer Immunology, Immunotherapy, 2008, 57, 997-1005.	4.2	14
54	IL-12 Rapidly Alters the Functional Profile of Tumor-Associated and Tumor-Infiltrating Macrophages In Vitro and In Vivo. Journal of Immunology, 2007, 178, 1357-1362.	0.8	226

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55	Controlled-release Particulate Cytokine Adjuvants for Cancer Therapy. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2007, 7, 266-270.	1.2	26
56	B cell tumor vaccine enhanced by covalent attachment of immunoglobulin to surface proteins on dendritic cells. Clinical Immunology, 2006, 118, 66-76.	3.2	3
57	IL-12 + GM-CSF Microsphere Therapy Induces Eradication of Advanced Spontaneous Tumors in her-2/neu Transgenic Mice But Fails to Achieve Long-Term Cure Due to the Inability to Maintain Effector T-Cell Activity. Journal of Immunotherapy, 2006, 29, 10-20.	2.4	41
58	Chronic Immune Therapy Induces a Progressive Increase in Intratumoral T Suppressor Activity and a Concurrent Loss of Tumor-Specific CD8+ T Effectors in her-2/neu Transgenic Mice Bearing Advanced Spontaneous Tumors. Journal of Immunology, 2006, 176, 7325-7334.	0.8	33
59	Reversing Tumor Immune Suppression with Intratumoral IL-12: Activation of Tumor-Associated T Effector/Memory Cells, Induction of T Suppressor Apoptosis, and Infiltration of CD8+ T Effectors. Journal of Immunology, 2006, 177, 6962-6973.	0.8	118
60	CTLA-4 blockade augments human T lymphocyte-mediated suppression of lung tumor xenografts in SCID mice. Cancer Immunology, Immunotherapy, 2005, 54, 944-952.	4.2	18
61	Cross-Reactivity of Schistosoma mansoni Cytosolic Superoxide Dismutase, a Protective Vaccine Candidate, with Host Superoxide Dismutase and Identification of Parasite-Specific B Epitopes. Infection and Immunity, 2004, 72, 2635-2647.	2.2	27
62	Characterization of Cytokine-Encapsulated Controlled-Release Microsphere Adjuvants. Cancer Biotherapy and Radiopharmaceuticals, 2004, 19, 764-769.	1.0	22
63	Intratumoral IL-12 and TNF-Î±â€“Loaded Microspheres Lead To Regression of Breast Cancer and Systemic Antitumor Immunity. Annals of Surgical Oncology, 2004, 11, 147-156.	1.5	94
64	A BALB/c murine lung alveolar carcinoma used to establish a surgical spontaneous metastasis model. Clinical and Experimental Metastasis, 2004, 21, 363-369.	3.3	13
65	Tumor Vaccination with Cytokine-Encapsulated Microspheres. , 2003, 75, 687-696.		13
66	Human CD4+T Cells Present Within the Microenvironment of Human Lung Tumors Are Mobilized by the Local and Sustained Release of IL-12 to Kill Tumors In Situ by Indirect Effects of IFN-Î³. Journal of Immunology, 2003, 170, 400-412.	0.8	68
67	Liposome-Mediated Cytokine Gene Delivery to Human Tumor Xenografts. Methods in Enzymology, 2003, 373, 529-533.	1.0	0
68	SCID mouse models to study human cancer pathogenesis and approaches to therapy potential limitations and future directions. Frontiers in Bioscience - Landmark, 2002, 7, c44-62.	3.0	22
69	Human CD4+ effector T cells mediate indirect interleukin-12- and interferon-gamma-dependent suppression of autologous HLA-negative lung tumor xenografts in severe combined immunodeficient mice. Cancer Research, 2002, 62, 2611-7.	0.9	24
70	Cancer immunotherapy with interleukin 12 and granulocyte-macrophage colony-stimulating factor-encapsulated microspheres: coinduction of innate and adaptive antitumor immunity and cure of disseminated disease. Cancer Research, 2002, 62, 7254-63.	0.9	95
71	Neoadjuvant therapy with interleukin-12â€“loaded polylactic acid microspheres reduces local recurrence and distant metastases. Surgery, 2001, 130, 470-478.	1.9	29
72	Humanâ€“SCID mouse chimeric models for the evaluation of anti-cancer therapies. Trends in Immunology, 2001, 22, 386-393.	6.8	90

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73	Human Inflammatory Cells Within the Tumor Microenvironment of Lung Tumor Xenografts Mediate Tumor Growth Suppression in Situ that Depends on and Is Augmented by Interleukin-12. Journal of Immunotherapy, 2001, 24, 37-45.	2.4	24
74	CD40-CD40 ligand (CD154) engagement is required but not sufficient for modulating MHC class I, ICAM-1 and Fas expression and proliferation of human non-small cell lung tumors. International Journal of Cancer, 2001, 92, 589-599.	5.1	29
75	Antitumor efficacy of a human interleukin-12 expression plasmid demonstrated in a human peripheral blood leukocyte/human lung tumor xenograft SCID mouse model. Cancer Gene Therapy, 2001, 8, 371-377.	4.6	10
76	Cytokines Delivered by Biodegradable Microspheres Promote Effective Suppression of Human Tumors by Human Peripheral Blood Lymphocytes in the SCIDâ€“Winn Model. Journal of Immunotherapy, 2000, 23, 190-195.	2.4	20
77	Interleukin-12 delivered by biodegradable microspheres promotes the antitumor activity of human peripheral blood lymphocytes in a human head and neck tumor xenograft/SCID mouse model. , 2000, 22, 57-63.		26
78	Growth of human tumor xenografts in SCID mice quantified using an immunoassay for tumor marker protein in serum. Journal of Immunological Methods, 2000, 233, 57-65.	1.4	22
79	Patient Immune Response to Tumors Monitored Using Scid Mouse Models. Immunological Investigations, 2000, 29, 171-176.	2.0	1
80	Diverse Caenorhabditis elegans genes that are upregulated in dauer larvae also show elevated transcript levels in long-lived, aged, or starved adults. Journal of Molecular Biology, 2000, 300, 433-448.	4.2	87
81	Evaluation and Optimization of Different Cationic Liposome Formulations forin VivoGene Transfer. Biochemical and Biophysical Research Communications, 1996, 221, 169-173.	2.1	72
82	Defining genes that govern longevity inCaenorhabditis elegans. , 1996, 18, 131-143.		30
83	Strain evolution in Caenorhabditis elegans: Transposable elements as markers of interstrain evolutionary history. Journal of Molecular Evolution, 1995, 40, 372-381.	1.8	43
84	Age-dependent somatic excision of transposable element Tc1 in Caernohabditis elegans. Mutation Research - DNAging, 1994, 316, 17-24.	3.2	14
85	Replication control and cellular life span. Experimental Gerontology, 1989, 24, 423-436.	2.8	67
86	The effect of aging on cell-free protein synthesis in the free-living nematode Turbatrix acetiâ˜†. Biochimica Et Biophysica Acta - General Subjects, 1985, 840, 355-363.	2.4	18
87	Cytokines as Vaccine Adjuvants. , 0, , 327-354.		4