

Nejat Egilmez

List of Publications by Year in descending order

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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	Plant-Derived Exosomal MicroRNAs Shape the Gut Microbiota. <i>Cell Host and Microbe</i> , 2018, 24, 637-652.e8.	11.0	517
2	IL-12 Rapidly Alters the Functional Profile of Tumor-Associated and Tumor-Infiltrating Macrophages In Vitro and In Vivo. <i>Journal of Immunology</i> , 2007, 178, 1357-1362.	0.8	226
3	Grapefruit-Derived Nanovectors Use an Activated Leukocyte Trafficking Pathway to Deliver Therapeutic Agents to Inflammatory Tumor Sites. <i>Cancer Research</i> , 2015, 75, 2520-2529.	0.9	216
4	Indoleamine 2,3-Dioxygenase and Dendritic Cell Tolerogenicity. <i>Immunological Investigations</i> , 2012, 41, 738-764.	2.0	140
5	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. <i>Journal of Immunology</i> , 2006, 177, 6962-6973.	0.8	118
6	Tolerogenic Phenotype of IFN- β -Induced IDO+ Dendritic Cells Is Maintained via an Autocrine IDO-Kynurenine/AhR-IDO Loop. <i>Journal of Immunology</i> , 2016, 197, 962-970.	0.8	117
7	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. <i>Cancer Research</i> , 2002, 62, 7254-63.	0.9	95
8	Intratumoral IL-12 and TNF- α -Loaded Microspheres Lead To Regression of Breast Cancer and Systemic Antitumor Immunity. <i>Annals of Surgical Oncology</i> , 2004, 11, 147-156.	1.5	94
9	Circulating Adipose Fatty Acid Binding Protein Is a New Link Underlying Obesity-Associated Breast/Mammary Tumor Development. <i>Cell Metabolism</i> , 2018, 28, 689-705.e5.	16.2	93
10	Expression of Adipocyte/Macrophage Fatty Acid-Binding Protein in Tumor-Associated Macrophages Promotes Breast Cancer Progression. <i>Cancer Research</i> , 2018, 78, 2343-2355.	0.9	92
11	Human-SCID mouse chimeric models for the evaluation of anti-cancer therapies. <i>Trends in Immunology</i> , 2001, 22, 386-393.	6.8	90
12	Diverse <i>Caenorhabditis elegans</i> genes that are upregulated in dauer larvae also show elevated transcript levels in long-lived, aged, or starved adults. <i>Journal of Molecular Biology</i> , 2000, 300, 433-448.	4.2	87
13	Evaluation and Optimization of Different Cationic Liposome Formulations for <i>In Vivo</i> Gene Transfer. <i>Biochemical and Biophysical Research Communications</i> , 1996, 221, 169-173.	2.1	72
14	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- β . <i>Journal of Immunology</i> , 2003, 170, 400-412.	0.8	68
15	Replication control and cellular life span. <i>Experimental Gerontology</i> , 1989, 24, 423-436.	2.8	67
16	Enterobacteria-secreted particles induce production of exosome-like S1P-containing particles by intestinal epithelium to drive Th17-mediated tumorigenesis. <i>Nature Communications</i> , 2015, 6, 6956.	12.8	67
17	Central Role of IFN- β -Indoleamine 2,3-Dioxygenase Axis in Regulation of Interleukin-12-Mediated Antitumor Immunity. <i>Cancer Research</i> , 2010, 70, 129-138.	0.9	59
18	Exosome-like nanoparticles from Mulberry bark prevent DSS-induced colitis via the AhR/COPS8 pathway. <i>EMBO Reports</i> , 2022, 23, e53365.	4.5	56

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19	Stereotactic Body Radiation and Interleukin-12 Combination Therapy Eradicates Pancreatic Tumors by Repolarizing the Immune Microenvironment. <i>Cell Reports</i> , 2019, 29, 406-421.e5.	6.4	55
20	Central Role of Tumor-Associated CD8+ T Effector/Memory Cells in Restoring Systemic Antitumor Immunity. <i>Journal of Immunology</i> , 2009, 182, 4217-4225.	0.8	47
21	Consumption of the Fish Oil High-Fat Diet Uncouples Obesity and Mammary Tumor Growth through Induction of Reactive Oxygen Species in Protumor Macrophages. <i>Cancer Research</i> , 2020, 80, 2564-2574.	0.9	45
22	Strain evolution in <i>Caenorhabditis elegans</i> : Transposable elements as markers of interstrain evolutionary history. <i>Journal of Molecular Evolution</i> , 1995, 40, 372-381.	1.8	43
23	Enhancement of Adaptive Immunity to <i>Neisseria gonorrhoeae</i> by Local Intravaginal Administration of Microencapsulated Interleukin 12. <i>Journal of Infectious Diseases</i> , 2013, 208, 1821-1829.	4.0	42
24	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. <i>Journal of Immunotherapy</i> , 2006, 29, 10-20.	2.4	41
25	Inhibition of lysosomal enzyme activities by proton pump inhibitors. <i>Journal of Gastroenterology</i> , 2013, 48, 1343-1352.	5.1	41
26	T-cell Expression of IL10 Is Essential for Tumor Immune Surveillance in the Small Intestine. <i>Cancer Immunology Research</i> , 2015, 3, 806-814.	3.4	39
27	Deficiency of AMPK in CD8+ T cells suppresses their anti-tumor function by inducing protein phosphatase-mediated cell death. <i>Oncotarget</i> , 2015, 6, 7944-7958.	1.8	38
28	AMPK-dependent and independent effects of AICAR and compound C on T-cell responses. <i>Oncotarget</i> , 2016, 7, 33783-33795.	1.8	35
29	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. <i>Journal of Immunology</i> , 2006, 176, 7325-7334.	0.8	33
30	Activated CD8+ T-Effector/Memory Cells Eliminate CD4+ CD25+ Foxp3+ T-Suppressor Cells from Tumors via FasL Mediated Apoptosis. <i>Journal of Immunology</i> , 2009, 183, 7656-7660.	0.8	32
31	Dichotomous Effects of IFN- γ on Dendritic Cell Function Determine the Extent of IL-12-Driven Antitumor T Cell Immunity. <i>Journal of Immunology</i> , 2011, 187, 126-132.	0.8	32
32	Radio-responsive tumors exhibit greater intratumoral immune activity than nonresponsive tumors. <i>International Journal of Cancer</i> , 2014, 134, 2383-2392.	5.1	32
33	Defining genes that govern longevity in <i>Caenorhabditis elegans</i> . , 1996, 18, 131-143.		30
34	Neoadjuvant therapy with interleukin-12-loaded polylactic acid microspheres reduces local recurrence and distant metastases. <i>Surgery</i> , 2001, 130, 470-478.	1.9	29
35	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. <i>International Journal of Cancer</i> , 2001, 92, 589-599.	5.1	29
36	Rapid release of cytoplasmic IL-15 from tumor-associated macrophages is an initial and critical event in IL-12-initiated tumor regression. <i>European Journal of Immunology</i> , 2009, 39, 2126-2135.	2.9	29

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37	Oral Interleukin-10 Alleviates Polyposis via Neutralization of Pathogenic T-Regulatory Cells. <i>Cancer Research</i> , 2014, 74, 5377-5385.	0.9	29
38	Intravaginal Administration of Interleukin 12 during Genital Gonococcal Infection in Mice Induces Immunity to Heterologous Strains of <i>Neisseria gonorrhoeae</i> . <i>MSphere</i> , 2018, 3, .	2.9	29
39	Noninvasive Imaging of Colitis Using Multispectral Optoacoustic Tomography. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1009-1012.	5.0	28
40	Cross-Reactivity of <i>Schistosoma mansoni</i> Cytosolic Superoxide Dismutase, a Protective Vaccine Candidate, with Host Superoxide Dismutase and Identification of Parasite-Specific B Epitopes. <i>Infection and Immunity</i> , 2004, 72, 2635-2647.	2.2	27
41	Inhaled IL-10 Suppresses Lung Tumorigenesis via Abrogation of Inflammatory Macrophage- Th17 Cell Axis. <i>Journal of Immunology</i> , 2018, 201, 2842-2850.	0.8	27
42	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
43	Controlled-release Particulate Cytokine Adjuvants for Cancer Therapy. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2007, 7, 266-270.	1.2	26
44	Chemoprevention of Colorectal Cancer by Anthocyanidins and Mitigation of Metabolic Shifts Induced by Dysbiosis of the Gut Microbiome. <i>Cancer Prevention Research</i> , 2020, 13, 41-52.	1.5	26
45	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. <i>Journal of Immunotherapy</i> , 2001, 24, 37-45.	2.4	24
46	Oral Delivery of Particulate Transforming Growth Factor Beta 1 and All-Trans Retinoic Acid Reduces Gut Inflammation in Murine Models of Inflammatory Bowel Disease. <i>Journal of Crohn's and Colitis</i> , 2015, 9, 647-658.	1.3	24
47	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. <i>Cancer Research</i> , 2002, 62, 2611-7.	0.9	24
48	Growth of human tumor xenografts in SCID mice quantified using an immunoassay for tumor marker protein in serum. <i>Journal of Immunological Methods</i> , 2000, 233, 57-65.	1.4	22
49	Characterization of Cytokine-Encapsulated Controlled-Release Microsphere Adjuvants. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2004, 19, 764-769.	1.0	22
50	Oral IL-10 suppresses colon carcinogenesis via elimination of pathogenic CD4 ⁺ T-cells and induction of antitumor CD8 ⁺ T-cell activity. <i>Oncolmmunology</i> , 2017, 6, e1319027.	4.6	22
51	SCID mouse models to study human cancer pathogenesis and approaches to therapy potential limitations and future directions. <i>Frontiers in Bioscience - Landmark</i> , 2002, 7, c44-62.	3.0	22
52	Cytokines Delivered by Biodegradable Microspheres Promote Effective Suppression of Human Tumors by Human Peripheral Blood Lymphocytes in the SCID ^h -Winn Model. <i>Journal of Immunotherapy</i> , 2000, 23, 190-195.	2.4	20
53	Regulatory Rebound in IL-12-Treated Tumors Is Driven by Uncommitted Peripheral Regulatory T Cells. <i>Journal of Immunology</i> , 2015, 195, 1293-1300.	0.8	20
54	In vivo tracking of orally-administered particles within the gastrointestinal tract of murine models using multispectral optoacoustic tomography. <i>Photoacoustics</i> , 2019, 13, 46-52.	7.8	20

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55	Microbiome data analysis with applications to pre-clinical studies using QIIME2: Statistical considerations. <i>Genes and Diseases</i> , 2021, 8, 215-223.	3.4	20
56	Characterization of iNOS+ Neutrophil-like ring cell in tumor-bearing mice. <i>Journal of Translational Medicine</i> , 2012, 10, 152.	4.4	19
57	Dietary Fats High in Linoleic Acids Impair Antitumor T-cell Responses by Inducing E-FABPâ€‘Mediated Mitochondrial Dysfunction. <i>Cancer Research</i> , 2021, 81, 5296-5310.	0.9	19
58	The effect of aging on cell-free protein synthesis in the free-living nematode <i>Turbatrix acetiâ€‘t</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1985, 840, 355-363.	2.4	18
59	CTLA-4 blockade augments human T lymphocyte-mediated suppression of lung tumor xenografts in SCID mice. <i>Cancer Immunology, Immunotherapy</i> , 2005, 54, 944-952.	4.2	18
60	Enhanced gut barrier integrity sensitizes colon cancer to immune therapy. <i>Oncolmunology</i> , 2018, 7, e1498438.	4.6	18
61	Protective Potential of Antioxidant Enzymes as Vaccines for Schistosomiasis in a Non-Human Primate Model. <i>Frontiers in Immunology</i> , 2015, 6, 273.	4.8	17
62	Temporospatial shifts within commercial laboratory mouse gut microbiota impact experimental reproducibility. <i>BMC Biology</i> , 2020, 18, 83.	3.8	17
63	Nitric oxide short-circuits interleukin-12-mediated tumor regression. <i>Cancer Immunology, Immunotherapy</i> , 2011, 60, 839-845.	4.2	16
64	Anti-PD-1 antibody-mediated activation of type 17 T-cells undermines checkpoint blockade therapy. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 1789-1796.	4.2	16
65	Age-dependent somatic excision of transposable element Tc1 in <i>Caenorhabditis elegans</i> . <i>Mutation Research - DNAging</i> , 1994, 316, 17-24.	3.2	14
66	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. <i>Cancer Immunology, Immunotherapy</i> , 2008, 57, 997-1005.	4.2	14
67	Tumor-Resident CD8+ T-cell: The Critical Catalyst in IL-12-Mediated Reversal of Tumor Immune Suppression. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2010, 58, 399-405.	2.3	14
68	A Novel Form of 4-1BBL Prevents Cancer Development via Nonspecific Activation of CD4+ T and Natural Killer Cells. <i>Cancer Research</i> , 2019, 79, 783-794.	0.9	14
69	Tumor Vaccination with Cytokine-Encapsulated Microspheres. , 2003, 75, 687-696.		13
70	A BALB/c murine lung alveolar carcinoma used to establish a surgical spontaneous metastasis model. <i>Clinical and Experimental Metastasis</i> , 2004, 21, 363-369.	3.3	13
71	Chemoimmunotherapy as long-term maintenance therapy for cancer. <i>Oncolmunology</i> , 2012, 1, 563-565.	4.6	13
72	IFNÎ²-producing CX3CR1⁺ macrophages promote T-regulatory cell expansion and tumor growth in the APC^{min/+} / <i>Bacteroides fragilis</i> colon cancer model. <i>Oncolmunology</i> , 2019, 8, e1665975.	4.6	12

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73	Antitumor efficacy of a human interleukin-12 expression plasmid demonstrated in a human peripheral blood leukocyte/human lung tumor xenograft SCID mouse model. <i>Cancer Gene Therapy</i> , 2001, 8, 371-377.	4.6	10
74	Cytokine-Encapsulated Biodegradable Microspheres for Immune Therapy. <i>Immunological Investigations</i> , 2020, 49, 824-839.	2.0	9
75	Chronic Chemoimmunotherapy Achieves Cure of Spontaneous Murine Mammary Tumors via Persistent Blockade of Posttherapy Counter-Regulation. <i>Journal of Immunology</i> , 2011, 187, 4109-4118.	0.8	8
76	Microspheres Encapsulating Immunotherapy Agents Target the Tumor-Draining Lymph Node in Pancreatic Ductal Adenocarcinoma. <i>Immunological Investigations</i> , 2020, 49, 808-823.	2.0	8
77	Anti-Fibrotic Potential of All Trans Retinoic Acid in Inflammatory Bowel Disease. <i>Journal of Gastroenterology, Pancreatology & Liver Disorders</i> , 2018, 6, 1-8.	0.2	7
78	Ontogeny of Tumor-associated CD4+CD25+Foxp3+ T-regulatory Cells. <i>Immunological Investigations</i> , 2016, 45, 729-745.	2.0	6
79	Synergy of Transforming Growth Factor Beta 1 and All Trans Retinoic Acid in the Treatment of Inflammatory Bowel Disease: Role of Regulatory T cells. <i>Journal of Gastroenterology, Pancreatology & Liver Disorders</i> , 2016, 3, 01-08.	0.2	6
80	Cytokines as Vaccine Adjuvants. , 0, , 327-354.		4
81	Epidermal Fatty Acid Binding Protein Mediates Depilatory-Induced Acute Skin Inflammation. <i>Journal of Investigative Dermatology</i> , 2022, 142, 1824-1834.e7.	0.7	4
82	Berry anthocyanidins inhibit intestinal polyps and colon tumors by modulation of Src, EGFR and the colon inflammatory environment. <i>Oncoscience</i> , 2021, 8, 120-133.	2.2	4
83	B cell tumor vaccine enhanced by covalent attachment of immunoglobulin to surface proteins on dendritic cells. <i>Clinical Immunology</i> , 2006, 118, 66-76.	3.2	3
84	Tumor Escape and Progression under Immune Pressure. <i>Clinical and Developmental Immunology</i> , 2012, 2012, 1-2.	3.3	2
85	Patient Immune Response to Tumors Monitored Using Scid Mouse Models. <i>Immunological Investigations</i> , 2000, 29, 171-176.	2.0	1
86	Modulating gut immunity and neoplasia with oral cytokine adjuvants. <i>OncolImmunology</i> , 2015, 4, e1002724.	4.6	1
87	Liposome-Mediated Cytokine Gene Delivery to Human Tumor Xenografts. <i>Methods in Enzymology</i> , 2003, 373, 529-533.	1.0	0