Elizabeth A Repasky

List of Publications by Year
in descending order

117 papers	5,938 citations	87888 38 h-index	82547 72 g-index
119 all docs	119 docs citations	119 times ranked	6984 citing authors

#	Article	IF	Citations
1	How murine models of human disease and immunity are influenced by housing temperature and mild thermal stress. Temperature, 2023, 10, 166-178.	3.0	4
2	Using Mice to Model Human Disease: Understanding the Roles of Baseline Housing-Induced and Experimentally Imposed Stresses in Animal Welfare and Experimental Reproducibility. Animals, 2022, 12, 371.	2.3	5
3	Recombinant human Hsp110-gp100 chaperone complex vaccine is nontoxic and induces response in advanced stage melanoma patients. Melanoma Research, 2022, 32, 88-97.	1.2	4
4	Evaluation of Optimal Threshold of Neutrophil-Lymphocyte Ratio and Its Association With Survival Outcomes Among Patients With Head and Neck Cancer. JAMA Network Open, 2022, 5, e227567.	5.9	19
5	Isolation of human and mouse myeloid-derived suppressor cells for metabolic analysis. STAR Protocols, 2022, 3, 101389.	1.2	4
6	Pan-Cancer Characterization of Intratumoral Autonomic Innervation in 32 Cancer Types in the Cancer Genome Atlas. Cancers, 2022, 14, 2541.	3.7	1
7	Circadian Rhythm Disruption Increases Tumor Growth Rate and Accumulation of Myeloidâ€Derived Suppressor Cells. Advanced Biology, 2022, 6, .	2.5	3
8	Phase I Clinical Trial of Combination Propranolol and Pembrolizumab in Locally Advanced and Metastatic Melanoma: Safety, Tolerability, and Preliminary Evidence of Antitumor Activity. Clinical Cancer Research, 2021, 27, 87-95.	7.0	72
9	Immunologically programming the tumor microenvironment induces the pattern recognition receptor NLRC4-dependent antitumor immunity. , 2021, 9, e001595.		8
10	Stimulation of an anti-tumor immune response with â€œchromatin-damagingâ€• therapy. Cancer Immunology, Immunotherapy, 2021, 70, 2073-2086.	4.2	8
11	Comparing thermal stress reduction strategies that influence MDSC accumulation in tumor bearing mice. Cellular Immunology, 2021, 361, 104285.	3.0	12
12	A Principal Component of Quality of Life Measures Is Associated with Survival for Head and Neck Cancer Patients Treated with Radiation Therapy. Cancers, 2021, 13, 1155.	3.7	5
13	Chronic Adrenergic Stress Contributes to Metabolic Dysfunction and an Exhausted Phenotype in T Cells in the Tumor Microenvironment. Cancer Immunology Research, 2021, 9, 651-664.	3.4	43
14	Psychosocial stress and immunosuppression in cancer: what can we learn from new research?. BJ Psych Advances, 2021, 27, 187-197.	0.7	3
15	Association of significant financial burden with survival for head and neck cancer patients treated with radiation therapy. Oral Oncology, 2021, 115, 105196.	1.5	23
16	Financial Counseling Is Associated with Reduced Financial Difficulty Scores in Head and Neck Cancer Patients Treated with Radiation Therapy. Cancers, 2021, 13, 2516.	3.7	11
17	Enhanced Thermogenesis in Triple-Negative Breast Cancer Is Associated with Pro-Tumor Immune Microenvironment. Cancers, 2021, 13, 2559.	3.7	21
18	Î²2-adrenergic receptor signaling regulates metabolic pathways critical to myeloid-derived suppressor cell function within the TME. Cell Reports, 2021, 37, 109883.	6.4	45

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19	Neoadjuvant <i>In Situ</i> Immunomodulation Enhances Systemic Antitumor Immunity against Highly Metastatic Tumors. Cancer Research, 2021, 81, 6183-6195.	0.9	9
20	Galectin-3 Signaling in Donor T Cells Regulates Acute Graft Versus Host Disease (aGvHD) after Allogenic Transplantation. Blood, 2021, 138, 2765-2765.	1.4	0
21	Immune profiling in diffuse large B-cell lymphoma and mantle cell lymphoma patients treated with autologous hematopoietic cell transplant. Bone Marrow Transplantation, 2020, 55, 77-85.	2.4	4
22	Stress reduction strategies in breast cancer: review of pharmacologic and non-pharmacologic based strategies. Seminars in Immunopathology, 2020, 42, 719-734.	6.1	41
23	Highlighting the Potential for Chronic Stress to Minimize Therapeutic Responses to Radiotherapy through Increased Immunosuppression and Radiation Resistance. Cancers, 2020, 12, 3853.	3.7	14
24	Matched pair analysis to evaluate the impact of hospitalization during radiation therapy as an early marker of survival in head and neck cancer patients. Oral Oncology, 2020, 109, 104854.	1.5	10
25	Contribution of Immune Cells to Glucocorticoid Receptor Expression in Breast Cancer. International Journal of Molecular Sciences, 2020, 21, 4635.	4.1	30
26	Impact of concomitant medication use and immune-related adverse events on response to immune checkpoint inhibitors. Immunotherapy, 2020, 12, 141-149.	2.0	21
27	Adrenergic stress constrains the development of anti-tumor immunity and abscopal responses following local radiation. Nature Communications, 2020, 11, 1821.	12.8	44
28	Daily Time of Radiation Treatment Is Associated with Subsequent Oral Mucositis Severity during Radiotherapy in Head and Neck Cancer Patients. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 949-955.	2.5	8
29	Î²2-Adrenergic receptor activation on donor cells ameliorates acute GvHD. JCI Insight, 2020, 5, .	5.0	13
30	Concurrent Î²-blocker Use is Associated With Improved Outcome in Esophageal Cancer Patients Who Undergo Chemoradiation. American Journal of Clinical Oncology: Cancer Clinical Trials, 2020, 43, 889-894.	1.3	7
31	Manipulation of Ambient Housing Temperature To Study the Impact of Chronic Stress on Immunity and Cancer in Mice. Journal of Immunology, 2019, 202, 631-636.	0.8	40
32	Depression Stresses the Immune Response and Promotes Prostate Cancer Growth. Clinical Cancer Research, 2019, 25, 2363-2365.	7.0	8
33	Temperature as a modulator of the gut microbiome: what are the implications and opportunities for thermal medicine?. International Journal of Hyperthermia, 2019, 36, 83-89.	2.5	31
34	Î²-Adrenergic signaling blocks murine CD8+ T-cell metabolic reprogramming during activation: a mechanism for immunosuppression by adrenergic stress. Cancer Immunology, Immunotherapy, 2019, 68, 11-22.	4.2	94
35	Î²2 adrenergic receptorâ€“mediated signaling regulates the immunosuppressive potential of myeloid-derived suppressor cells. Journal of Clinical Investigation, 2019, 129, 5537-5552.	8.2	141
36	Î²2- Adrenergic Signaling Regulates Graft Versus Host Disease after Allogenic Transplantation While Preserving Graft Versus Leukemia Effect. Blood, 2019, 134, 1915-1915.	1.4	3

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37	Adrenergic Receptor Signaling Regulates the Response of Tumors to Ionizing Radiation. Radiation Research, 2019, 191, 585.	1.5	27
38	An overview of the role of sympathetic regulation of immune responses in infectious disease and autoimmunity. International Journal of Hyperthermia, 2018, 34, 135-143.	2.5	34
39	Blockade of Host Î²2-Adrenergic Receptor Enhances Graft-versus-Tumor Effect through Modulating APCs. Journal of Immunology, 2018, 200, 2479-2488.	0.8	17
40	Genetic Variants in Immune-Related Pathways and Breast Cancer Risk in African American Women in the AMBER Consortium. Cancer Epidemiology Biomarkers and Prevention, 2018, 27, 321-330.	2.5	16
41	Beta blocker use correlates with better overall survival in metastatic melanoma patients and improves the efficacy of immunotherapies in mice. OncoImmunology, 2018, 7, e1405205.	4.6	124
42	An ABCG2 non-substrate anticancer agent FL118 targets drug-resistant cancer stem-like cells and overcomes treatment resistance of human pancreatic cancer. Journal of Experimental and Clinical Cancer Research, 2018, 37, 240.	8.6	38
43	Adrenergic Signaling: A Targetable Checkpoint Limiting Development of the Antitumor Immune Response. Frontiers in Immunology, 2018, 9, 164.	4.8	103
44	Host-Derived Serine Protease Inhibitor 6 Provides Granzyme Bâ€"Independent Protection of Intestinal Epithelial Cells in Murine Graft-versus-Host Disease. Biology of Blood and Marrow Transplantation, 2018, 24, 2397-2408.	2.0	8
45	Focused ultrasound for immuno-adjuvant treatment of pancreatic cancer: An emerging clinical paradigm in the era of personalized oncotherapy. International Reviews of Immunology, 2017, 36, 338-351.	3.3	14
46	Î²-Adrenergic Signaling in Mice Housed at Standard Temperatures Suppresses an Effector Phenotype in CD8+ T Cells and Undermines Checkpoint Inhibitor Therapy. Cancer Research, 2017, 77, 5639-5651.	0.9	168
47	The Impact of Housing Temperature-Induced Chronic Stress on Preclinical Mouse Tumor Models and Therapeutic Responses: An Important Role for the Nervous System. Advances in Experimental Medicine and Biology, 2017, 1036, 173-189.	1.6	25
48	Thermoneutrality, Mice, and Cancer: A Heated Opinion. Trends in Cancer, 2016, 2, 166-175.	7.4	86
49	Enhanced tumour perfusion following treatment with water-filtered IR-A radiation to the thorax in a patient with head and neck cancer. International Journal of Hyperthermia, 2016, 32, 539-542.	2.5	11
50	Pancreatic cancer stem cells in patient pancreatic xenografts are sensitive to drozitumab, an agonistic antibody against DR5. , 2016, 4, 33.		11
51	Tumor-Priming Smoothened Inhibitor Enhances Deposition and Efficacy of Cytotoxic Nanoparticles in a Pancreatic Cancer Model. Molecular Cancer Therapeutics, 2016, 15, 84-93.	4.1	27
52	Defining Immunological Impact and Therapeutic Benefit of Mild Heating in a Murine Model of Arthritis. PLoS ONE, 2015, 10, e0120327.	2.5	14
53	Housing temperature-induced stress drives therapeutic resistance in murine tumour models through Î²2-adrenergic receptor activation. Nature Communications, 2015, 6, 6426.	12.8	122
54	A role for the thermal environment in defining co-stimulation requirements for CD4+ T cell activation. Cell Cycle, 2015, 14, 2340-2354.	2.6	23

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55	Fever and the thermal regulation of immunity: the immune system feels the heat. Nature Reviews Immunology, 2015, 15, 335-349.	22.7	795
56	Stress, Metabolism and Cancer. Cancer Journal (Sudbury, Mass), 2015, 21, 97-103.	2.0	34
57	Housing Temperatureâ€"Induced Stress Is Suppressing Murine Graft-versus-Host Disease through Î²2-Adrenergic Receptor Signaling. Journal of Immunology, 2015, 195, 5045-5054.	0.8	48
58	A pilot study of the effects of mild systemic heating on human head and neck tumour xenografts: Analysis of tumour perfusion, interstitial fluid pressure, hypoxia and efficacy of radiation therapy. International Journal of Hyperthermia, 2015, 31, 693-701.	2.5	37
59	Tumor priming by Apo2L/TRAIL reduces interstitial fluid pressure and enhances efficacy of liposomal gemcitabine in a patient derived xenograft tumor model. Journal of Controlled Release, 2015, 217, 160-169.	9.9	20
60	Standard Sub-Thermoneutral Caging Temperature Influences Radiosensitivity of Hematopoietic Stem and Progenitor Cells. PLoS ONE, 2015, 10, e0120078.	2.5	16
61	Stressful Presentations: Mild Cold Stress in Laboratory Mice Influences Phenotype of Dendritic Cells in NaÃ¯ve and Tumor-Bearing Mice. Frontiers in Immunology, 2014, 5, 23.	4.8	49
62	Housing temperature influences the pattern of heat shock protein induction in mice following mild whole body hyperthermia. International Journal of Hyperthermia, 2014, 30, 540-546.	2.5	24
63	A nervous tumor microenvironment: the impact of adrenergic stress on cancer cells, immunosuppression, and immunotherapeutic response. Cancer Immunology, Immunotherapy, 2014, 63, 1115-1128.	4.2	129
64	Mild coldâ€stress depresses immune responses: Implications for cancer models involving laboratory mice. BioEssays, 2014, 36, 884-891.	2.5	33
65	Influence of the Implantation Site on the Sensitivity of Patient Pancreatic Tumor Xenografts to Apo2L/TRAIL Therapy. Pancreas, 2014, 43, 298-305.	1.1	13
66	Behaviorally mediated, warm adaptation: A physiological strategy when mice behaviorally thermoregulate. Journal of Thermal Biology, 2014, 44, 41-46.	2.5	28
67	Progress in development of biomedical applications of heat shock proteins and thermal stress. International Journal of Hyperthermia, 2013, 29, 359-361.	2.5	10
68	Enhanced sensitivity of colon tumour cells to natural killer cell cytotoxicity after mild thermal stress is regulated through HSF1-mediated expression of MICA. International Journal of Hyperthermia, 2013, 29, 480-490.	2.5	24
69	Baseline tumor growth and immune control in laboratory mice are significantly influenced by subthermoneutral housing temperature. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20176-20181.	7.1	260
70	Temperature Matters! And Why It Should Matter to Tumor Immunologists. Cancer Immunology Research, 2013, 1, 210-216.	3.4	180
71	The Influence Of Metabolic Stress On Radiosensitivity Of Hematopoietic Stem and Progenitor Cells. Blood, 2013, 122, 2447-2447.	1.4	0
72	Housing Mice At Sub-Thermoneutral Temperatures Influences Severity Of Gvhd In Mouse Models. Blood, 2013, 122, 5422-5422.	1.4	0

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73	Opposing roles for heat and heat shock proteins in macrophage functions during inflammation: a function of cell activation state?. Frontiers in Immunology, 2012, 3, 140.	4.8	33
74	Effector CD8⁺T cell IFN-<i>Î³</i>production and cytotoxicity are enhanced by mild hyperthermia. International Journal of Hyperthermia, 2012, 28, 9-18.	2.5	77
75	Elevating body temperature enhances hematopoiesis and neutrophil recovery after total body irradiation in an IL-1â€", IL-17â€", and G-CSFâ€"dependent manner. Blood, 2012, 120, 2600-2609.	1.4	37
76	Elevation in Body Temperature to Fever Range Enhances and Prolongs Subsequent Responsiveness of Macrophages to Endotoxin Challenge. PLoS ONE, 2012, 7, e30077.	2.5	56
77	Differentiation of CD8+ T cells into effector cells is enhanced by physiological range hyperthermia. Journal of Leukocyte Biology, 2011, 90, 951-962.	3.3	81
78	How does temperature affect the function of tissue macrophages?. , 2011, , .		1
79	IL-6 trans-signaling licenses mouse and human tumor microvascular gateways for trafficking of cytotoxic T cells. Journal of Clinical Investigation, 2011, 121, 3846-3859.	8.2	187
80	Toward establishment of temperature thresholds for immunological impact of heat exposure in humans. International Journal of Hyperthermia, 2011, 27, 344-352.	2.5	35
81	Mild Elevation of Body Temperature Reduces Tumor Interstitial Fluid Pressure and Hypoxia and Enhances Efficacy of Radiotherapy in Murine Tumor Models. Cancer Research, 2011, 71, 3872-3880.	0.9	105
82	Diverse immune mechanisms may contribute to the survival benefit seen in cancer patients receiving hyperthermia. Immunologic Research, 2010, 46, 137-154.	2.9	60
83	Feeling too hot or cold after breast cancer: Is it just a nuisance or a potentially important prognostic factor?. International Journal of Hyperthermia, 2010, 26, 662-680.	2.5	34
84	Hypoxia-driven immunosuppression: A new reason to use thermal therapy in the treatment of cancer?. International Journal of Hyperthermia, 2010, 26, 232-246.	2.5	80
85	Temperature Matters: Cellular Targets of Hyperthermia in Cancer Biology and Immunology. Heat Shock Proteins, 2009, , 267-306.	0.2	3
86	Hyperthermia as an immunotherapy strategy for cancer. Current Opinion in Investigational Drugs, 2009, 10, 550-8.	2.3	92
87	Dissecting the role of hyperthermia in natural killer cell mediated anti-tumor responses. International Journal of Hyperthermia, 2008, 24, 41-56.	2.5	68
88	Synergism of CPT-11 and Apo2L/TRAIL against Two Differentially Sensitive Human Colon Tumor Xenografts. Oncology, 2008, 74, 188-197.	1.9	15
89	Fever-range whole body hyperthermia prevents the onset of type 1 diabetes in non-obese diabetic mice. International Journal of Hyperthermia, 2008, 24, 141-149.	2.5	10
90	Enhancement of natural killer (NK) cell cytotoxicity by fever-range thermal stress is dependent on NKG2D function and is associated with plasma membrane NKG2D clustering and increased expression of MICA on target cells. Journal of Leukocyte Biology, 2007, 82, 1322-1331.	3.3	105

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91	Fever-range whole body hyperthermia increases the number of perfused tumor blood vessels and therapeutic efficacy of liposomally encapsulated doxorubicin. International Journal of Hyperthermia, 2007, 23, 513-527.	2.5	33
92	The Potential of the Tumor Microenvironment to Influence Apo2L/TRAIL Induced Apoptosis. Immunological Investigations, 2006, 35, 279-296.	2.0	12
93	Generation of anti-tumor immunity using mammalian heat shock protein 70 DNA vaccines for cancer immunotherapy. Vaccine, 2006, 24, 5360-5370.	3.8	50
94	Emerging evidence indicates that physiologically relevant thermal stress regulates dendritic cell function. Cancer Immunology, Immunotherapy, 2006, 55, 292-298.	4.2	80
95	Chaperoning Function of Stress Protein grp170, a Member of the hsp70 Superfamily, Is Responsible for its Immunoadjuvant Activity. Cancer Research, 2006, 66, 1161-1168.	0.9	54
96	The Anti-Tumor Effect of Interleukin-12 is Enhanced by Mild (Fever-Range) Thermal Therapy. Immunological Investigations, 2005, 34, 361-380.	2.0	13
97	Nitric oxide production is regulated by fever-range thermal stimulation of murine macrophages. Journal of Leukocyte Biology, 2005, 78, 630-638.	3.3	25
98	The anti-tumor effect of Apo2L/TRAIL on patient pancreatic adenocarcinomas grown as xenografts in SCID mice. Journal of Translational Medicine, 2005, 3, 22.	4.4	94
99	Protocols for simulating the thermal component of fever: preclinical and clinical experience. Methods, 2004, 32, 54-62.	3.8	37
100	Targeted immunotherapy using reconstituted chaperone complexes of heat shock protein 110 and melanoma-associated antigen gp100. Cancer Research, 2003, 63, 2553-60.	0.9	72
101	Physiological consequences of hyperthermia: heat, heat shock proteins and the immune response. International Journal of Hyperthermia, 2002, 18, 486-489.	2.5	40
102	Development of a recombinant HSP110-HER-2/neu vaccine using the chaperoning properties of HSP110. Cancer Research, 2002, 62, 1737-42.	0.9	67
103	Effects of tumor necrosis factor-related apoptosis-inducing ligand alone and in combination with chemotherapeutic agents on patients' colon tumors grown in SCID mice. Cancer Research, 2002, 62, 5800-6.	0.9	136
104	Fever-range hyperthermia dynamically regulates lymphocyte delivery to high endothelial venules. Blood, 2001, 97, 2727-2733.	1.4	125
105	Regulatory Potential of Fever-Range Whole Body Hyperthermia on Langerhans Cells and Lymphocytes in an Antigen-Dependent Cellular Immune Response. Journal of Immunology, 2001, 167, 2666-2670.	0.8	82
106	Characterization of Heat Shock Protein 110 and Glucose-Regulated Protein 170 as Cancer Vaccines and the Effect of Fever-Range Hyperthermia on Vaccine Activity. Journal of Immunology, 2001, 166, 490-497.	0.8	163
107	Heat Shock Proteins and Cancer Immunotherapy. Immunological Investigations, 2000, 29, 131-137.	2.0	26
108	Characterization of native interaction of hsp110 with hsp25 and hsc70. FEBS Letters, 2000, 465, 98-102.	2.8	47

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109	Comparison of the effects of two different whole body hyperthermia protocols on the distribution of murine leukocyte populations. International Journal of Hyperthermia, 2000, 16, 29-43.	2.5	39
110	Use of Mild, Whole Body Hyperthermia in Cancer Therapy. Immunological Investigations, 2000, 29, 139-142.	2.0	15
111	Polarized expression of immunoglobulin, spectrin, and protein kinase C beta II occurs in B cells from normal BALB/c, autoimmune <i>lpr</i>, and anti-ssDNA transgenic, tolerant mice. Journal of Leukocyte Biology, 1999, 66, 617-624.	3.3	6
112	Tumor cell apoptosis, lymphocyte recruitment and tumor vascular changes are induced by low temperature, long duration (fever-like) whole body hyperthermia. Journal of Cellular Physiology, 1998, 177, 137-147.	4.1	140
113	Distribution of HSP70, protein kinase C, and spectrin is altered in lymphocytes during a fever-like hyperthermia exposure. , 1997, 172, 44-54.		60
114	HSP70 Translocates into a cytoplasmic aggregate during lymphocyte activation. Journal of Cellular Physiology, 1995, 165, 228-238.	4.1	13
115	Effects of denervation on spectrin concentration in avian skeletal muscle. Muscle and Nerve, 1988, 11, 372-379.	2.2	13
116	Effects of Hyperthermia on Spectrin Expression Patterns of Murine Lymphocytes. Radiation Research, 1987, 112, 116.	1.5	21
117	Heterogeneity of spectrin distribution among avian muscle fiber types. Muscle and Nerve, 1984, 7, 408-414.	2.2	19