

Edward L Nelson

List of Publications by Year in descending order

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43
papers

1,502
citations

331259

21
h-index

315357

38
g-index

43
all docs

43
docs citations

43
times ranked

2601
citing authors

#	ARTICLE	IF	CITATIONS
1	Validation and comparison of luminex multiplex cytokine analysis kits with ELISA: Determinations of a panel of nine cytokines in clinical sample culture supernatants. <i>Journal of Reproductive Immunology</i> , 2005, 66, 175-191.	0.8	266
2	Longitudinal modulation of immune system cytokine profile during pregnancy. <i>Cytokine</i> , 2011, 53, 170-177.	1.4	142
3	Stress, Immunity, and Cervical Cancer: Biobehavioral Outcomes of a Randomized Clinical Trial. <i>Clinical Cancer Research</i> , 2008, 14, 2111-2118.	3.2	123
4	Influence of prenatal psychosocial stress on cytokine production in adult women. <i>Developmental Psychobiology</i> , 2008, 50, 579-587.	0.9	114
5	Viral-mimicking protein nanoparticle vaccine for eliciting anti-tumor responses. <i>Biomaterials</i> , 2016, 86, 83-91.	5.7	75
6	Factors associated with poor quality of life among cervical cancer survivors: Implications for clinical care and clinical trials. <i>Gynecologic Oncology</i> , 2014, 135, 266-272.	0.6	69
7	Whole-blood sorting, enrichment and in situ immunolabeling of cellular subsets using acoustic microstreaming. <i>Microsystems and Nanoengineering</i> , 2018, 4, .	3.4	57
8	Co-delivery of human cancer-testis antigens with adjuvant in protein nanoparticles induces higher cell-mediated immune responses. <i>Biomaterials</i> , 2018, 156, 194-203.	5.7	48
9	Psychosocial Telephone Counseling for Survivors of Cervical Cancer: Results of a Randomized Biobehavioral Trial. <i>Journal of Clinical Oncology</i> , 2015, 33, 1171-1179.	0.8	39
10	Longitudinal Change in Telomere Length and the Chronic Stress Response in a Randomized Pilot Biobehavioral Clinical Study: Implications for Cancer Prevention. <i>Cancer Prevention Research</i> , 2012, 5, 1173-1182.	0.7	38
11	Venezuelan Equine Encephalitis Replicon Immunization Overcomes Intrinsic Tolerance and Elicits Effective Anti-tumor Immunity to the "Self"™ tumor-associated antigen, neu in a Rat Mammary Tumor Model. <i>Breast Cancer Research and Treatment</i> , 2003, 82, 169-183.	1.1	34
12	Restricted and Selective Tropism of a Venezuelan Equine Encephalitis Virus-Derived Replicon Vector for Human Dendritic Cells. <i>Viral Immunology</i> , 2007, 20, 88-104.	0.6	33
13	Microfluidic channel optimization to improve hydrodynamic dissociation of cell aggregates and tissue. <i>Scientific Reports</i> , 2018, 8, 2774.	1.6	33
14	Display of DNA on Nanoparticles for Targeting Antigen Presenting Cells. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 496-501.	2.6	32
15	Cancer-testis antigen, BORIS based vaccine delivered by dendritic cells is extremely effective against a very aggressive and highly metastatic mouse mammary carcinoma. <i>Cellular Immunology</i> , 2011, 270, 188-197.	1.4	30
16	Targeting TLR-4 with a novel pharmaceutical grade plant derived agonist, ImmunomaxÂ®, as a therapeutic strategy for metastatic breast cancer. <i>Journal of Translational Medicine</i> , 2014, 12, 322.	1.8	30
17	Health Behaviors in Cervical Cancer Survivors and Associations with Quality of Life. <i>Clinical Therapeutics</i> , 2016, 38, 467-475.	1.1	24
18	Microfluidic filter device with nylon mesh membranes efficiently dissociates cell aggregates and digested tissue into single cells. <i>Lab on A Chip</i> , 2018, 18, 2776-2786.	3.1	24

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19	Immunophototherapy Using PDT Combined with Rapid Intratumoral Dendritic Cell Injection. Photochemistry and Photobiology, 2008, 84, 1257-1264.	1.3	22
20	Primary 4T1 tumor resection provides critical "window of opportunity" for immunotherapy. Clinical and Experimental Metastasis, 2014, 31, 185-198.	1.7	22
21	Pharmacokinetics of Erythromycin in Normal and Alcoholic Liver Disease Subjects. Journal of Clinical Pharmacology, 1982, 22, 321-325.	1.0	21
22	A Human Dendritic Cell Subset Receptive to the Venezuelan Equine Encephalitis Virus-Derived Replicon Particle Constitutively Expresses IL-32. Journal of Immunology, 2008, 181, 4010-4018.	0.4	21
23	Validation of PROMIS emotional distress short form scales for cervical cancer. Gynecologic Oncology, 2018, 151, 111-116.	0.6	20
24	Recruitment and retention results for a population-based cervical cancer biobehavioral clinical trial. Gynecologic Oncology, 2011, 121, 558-564.	0.6	18
25	Biopsychological Stress Factors in BRCA Mutation Carriers. Psychosomatics, 2012, 53, 582-590.	2.5	17
26	Ferromagnetic Micropallets for Magnetic Capture of Single Adherent Cells. Langmuir, 2010, 26, 17703-17711.	1.6	15
27	Microfluidic dielectrophoretic sorter using gel vertical electrodes. Biomicrofluidics, 2014, 8, 034105.	1.2	14
28	VRP immunotherapy targeting neu: treatment efficacy and evidence for immunoeediting in a stringent rat mammary tumor model. Breast Cancer Research and Treatment, 2007, 106, 371-382.	1.1	13
29	A hybrid resistive pulse-optical detection platform for microfluidic experiments. Scientific Reports, 2017, 7, 10173.	1.6	13
30	Microfluidic device for rapid digestion of tissues into cellular suspensions. Lab on A Chip, 2017, 17, 3300-3309.	3.1	13
31	Cytokine profiling: variation in immune modulation with preterm birth vs. uncomplicated term birth identifies pivotal signals in pathogenesis of preterm birth. Journal of Perinatal Medicine, 2021, 49, 299-309.	0.6	12
32	Metabolite Responsive Nanoparticle-Protein Complex. Biomacromolecules, 2019, 20, 2703-2712.	2.6	11
33	Fabrication and biological evaluation of uniform extracellular matrix coatings on discontinuous photolithography generated micropallet arrays. Journal of Biomedical Materials Research - Part A, 2010, 95A, 401-412.	2.1	10
34	Anticancer Mechanisms in Two Murine Bone Marrow-Derived Dendritic Cell Subsets Activated with TLR4 Agonists. Journal of Immunology, 2018, 200, 2656-2669.	0.4	8
35	Longitudinal Changes in Sleep: Associations with Shifts in Circulating Cytokines and Emotional Distress in a Cancer Survivor Population. International Journal of Behavioral Medicine, 2021, 28, 140-150.	0.8	8
36	Adoptive T-Cell Therapy in Advanced Colorectal Cancer: A Systematic Review. Oncologist, 2022, 27, 210-219.	1.9	7

#	ARTICLE	IF	CITATIONS
37	HER2/neu: an increasingly important therapeutic target. Part 1: basic biology & therapeutic armamentarium. <i>Clinical Investigation</i> , 2014, 4, 649-671.	0.0	6
38	Large area magnetic micropallet arrays for cell colony sorting. <i>Lab on A Chip</i> , 2016, 16, 172-181.	3.1	6
39	Relationship between social support, quality of life, and Th2 cytokines in a biobehavioral cancer survivorship trial. <i>Supportive Care in Cancer</i> , 2019, 27, 3301-3310.	1.0	4
40	Immunological and psychosocial functioning in parents of children with cancer. <i>Supportive Care in Cancer</i> , 2022, 30, 3379-3388.	1.0	4
41	Multicolor Immunofluorescent Imaging of Complex Cellular Mixtures on Micropallet Arrays Enables the Identification of Single Cells of Defined Phenotype. <i>Advanced Healthcare Materials</i> , 2016, 5, 767-771.	3.9	2
42	Highly efficient cellular cloning using Ferro-core Micropallet Arrays. <i>Scientific Reports</i> , 2017, 7, 13081.	1.6	2
43	Alphaviral-Based Strategies for the Immunotherapy of Cancer. , 2004, , 203-224.		2