DeLisa Fairweather

List of Publications by Year
in descending order

97 papers	8,926 citations	61857 43 h-index	71532 76 g-index
106 all docs	106 docs citations	106 times ranked	12576 citing authors

#	Article	IF	Citations
1	Cumulative Childhood Stress and Autoimmune Diseases in Adults. Psychosomatic Medicine, 2009, 71, 243-250.	1.3	616
2	Sex Differences in Nonalcoholic Fatty Liver Disease: State of the Art and Identification of Research Gaps. Hepatology, 2019, 70, 1457-1469.	3.6	547
3	Sex Differences in Autoimmune Disease from a Pathological Perspective. American Journal of Pathology, 2008, 173, 600-609.	1.9	476
4	Convalescent Plasma Antibody Levels and the Risk of Death from Covid-19. New England Journal of Medicine, 2021, 384, 1015-1027.	13.9	438
5	Early safety indicators of COVID-19 convalescent plasma in 5000 patients. Journal of Clinical Investigation, 2020, 130, 4791-4797.	3.9	386
6	The composition and signaling of the IL-35 receptor are unconventional. Nature Immunology, 2012, 13, 290-299.	7.0	371
7	Safety Update. Mayo Clinic Proceedings, 2020, 95, 1888-1897.	1.4	364
8	Dilated cardiomyopathy. Nature Reviews Disease Primers, 2019, 5, 32.	18.1	347
9	From Infection to Autoimmunity. Journal of Autoimmunity, 2001, 16, 175-186.	3.0	294
10	Sex and Gender Differences in Myocarditis and Dilated Cardiomyopathy. Current Problems in Cardiology, 2013, 38, 7-46.	1.1	253
11	Alternatively activated macrophages in infection and autoimmunity. Journal of Autoimmunity, 2009, 33, 222-230.	3.0	250
12	IL-12 Receptor Î²1 and Toll-Like Receptor 4 Increase IL-1Î²- and IL-18-Associated Myocarditis and Coxsackievirus Replication. Journal of Immunology, 2003, 170, 4731-4737.	0.4	221
13	Cutting Edge: Cross-Regulation by TLR4 and T cell Ig Mucin-3 Determines Sex Differences in Inflammatory Heart Disease. Journal of Immunology, 2007, 178, 6710-6714.	0.4	190
14	Women and Autoimmune Diseases1. Emerging Infectious Diseases, 2004, 10, 2005-2011.	2.0	179
15	Interferon-Î³ Protects against Chronic Viral Myocarditis by Reducing Mast Cell Degranulation, Fibrosis, and the Profibrotic Cytokines Transforming Growth Factor-Î²1, Interleukin-1Î², and Interleukin-4 in the Heart. American Journal of Pathology, 2004, 165, 1883-1894.	1.9	176
16	Coxsackievirus-induced myocarditis in mice: A model of autoimmune disease for studying immunotoxicity. Methods, 2007, 41, 118-122.	1.9	172
17	Contribution of the innate immune system to autoimmune myocarditis: a role for complement. Nature Immunology, 2001, 2, 739-745.	7.0	161
18	Cardiac myosin-Th17 responses promote heart failure in human myocarditis. JCI Insight, 2016, 1, .	2.3	155

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19	Viruses as adjuvants for autoimmunity: evidence from Coxsackievirus-induced myocarditis. Reviews in Medical Virology, 2005, 15, 17-27.	3.9	142
20	Interleukin-13 Protects Against Experimental Autoimmune Myocarditis by Regulating Macrophage Differentiation. American Journal of Pathology, 2008, 172, 1195-1208.	1.9	138
21	The Effect of Convalescent Plasma Therapy on Mortality Among Patients With COVID-19: Systematic Review and Meta-analysis. Mayo Clinic Proceedings, 2021, 96, 1262-1275.	1.4	129
22	Cutting Edge: T Cell Ig Mucin-3 Reduces Inflammatory Heart Disease by Increasing CTLA-4 during Innate Immunity. Journal of Immunology, 2006, 176, 6411-6415.	0.4	128
23	IL-12 Protects against Coxsackievirus B3-Induced Myocarditis by Increasing IFN-Î³ and Macrophage and Neutrophil Populations in the Heart. Journal of Immunology, 2005, 174, 261-269.	0.4	127
24	Update on coxsackievirus B3 myocarditis. Current Opinion in Rheumatology, 2012, 24, 401-407.	2.0	127
25	Gonadectomy of male BALB/c mice increases Tim-3+ alternatively activated M2 macrophages, Tim-3+ T cells, Th2 cells and Treg in the heart during acute coxsackievirus-induced myocarditis. Brain, Behavior, and Immunity, 2009, 23, 649-657.	2.0	119
26	Pathogenesis and diagnosis of myocarditis. Heart, 2012, 98, 835-840.	1.2	116
27	Sex Differences in Inflammation during Atherosclerosis. Clinical Medicine Insights: Cardiology, 2014, 8s3, CMC.S17068.	0.6	105
28	Sex differences in inflammation, redox biology, mitochondria and autoimmunity. Redox Biology, 2020, 31, 101482.	3.9	101
29	Testosterone and interleukin-1Î² increase cardiac remodeling during coxsackievirus B3 myocarditis via serpin A 3n. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 302, H1726-H1736.	1.5	100
30	Mast Cells and Innate Cytokines are Associated with Susceptibility to Autoimmune Heart Disease Following Coxsackievirus B3 Infection. Autoimmunity, 2004, 37, 131-145.	1.2	98
31	Th2 Regulation of Viral Myocarditis in Mice: Different Roles for TLR3 versus TRIF in Progression to Chronic Disease. Clinical and Developmental Immunology, 2012, 2012, 1-12.	3.3	82
32	Sex differences in SjÃ¶grenâ€™s syndrome: a comprehensive review of immune mechanisms. Biology of Sex Differences, 2015, 6, 19.	1.8	81
33	Sex differences in coxsackievirus B3-induced myocarditis: IL-12RÎ²1 signaling and IFN-Î³ increase inflammation in males independent from STAT4. Brain Research, 2006, 1126, 139-147.	1.1	80
34	Complexities in the Relationship Between Infection and Autoimmunity. Current Allergy and Asthma Reports, 2014, 14, 407.	2.4	80
35	Complement Receptor 1 and 2 Deficiency Increases Coxsackievirus B3-Induced Myocarditis, Dilated Cardiomyopathy, and Heart Failure by Increasing Macrophages, IL-1Î², and Immune Complex Deposition in the Heart. Journal of Immunology, 2006, 176, 3516-3524.	0.4	71
36	Elevated Sera sST2 Is Associated With Heart Failure in Men â‰50ÂYears Old With Myocarditis. Journal of the American Heart Association, 2019, 8, e008968.	1.6	62

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37	Unresolved issues in theories of autoimmune disease using myocarditis as a framework. Journal of Theoretical Biology, 2015, 375, 101-123.	0.8	60
38	Sex differences in pulmonary arterial hypertension: role of infection and autoimmunity in the pathogenesis of disease. Biology of Sex Differences, 2018, 9, 15.	1.8	60
39	Autoimmune heart disease: role of sex hormones and autoantibodies in disease pathogenesis. Expert Review of Clinical Immunology, 2012, 8, 269-284.	1.3	59
40	Fatal Eosinophilic Myocarditis Develops in the Absence of IFN-Î³ and IL-17A. Journal of Immunology, 2013, 191, 4038-4047.	0.4	53
41	IL-33 Independently Induces Eosinophilic Pericarditis and Cardiac Dilation. Circulation: Heart Failure, 2012, 5, 366-375.	1.6	51
42	Genome-wide association study of cardiotoxicity in the NCCTG N9831 (Alliance) adjuvant trastuzumab trial. Pharmacogenetics and Genomics, 2017, 27, 378-385.	0.7	50
43	Convalescent Plasma Therapy for COVID-19: A Graphical Mosaic of the Worldwide Evidence. Frontiers in Medicine, 2021, 8, 684151.	1.2	50
44	Mortality in individuals treated with COVID-19 convalescent plasma varies with the geographic provenance of donors. Nature Communications, 2021, 12, 4864.	5.8	49
45	The innate immune response to coxsackievirus B3 predicts progression to cardiovascular disease and heart failure in male mice. Biology of Sex Differences, 2011, 2, 2.	1.8	45
46	BPA Alters Estrogen Receptor Expression in the Heart After Viral Infection Activating Cardiac Mast Cells and T Cells Leading to Perimyocarditis and Fibrosis. Frontiers in Endocrinology, 2019, 10, 598.	1.5	45
47	Access to and safety of COVID-19 convalescent plasma in the United States Expanded Access Program: A national registry study. PLoS Medicine, 2021, 18, e1003872.	3.9	43
48	Autoimmune Myocarditis, Valvulitis, and Cardiomyopathy. Current Protocols in Immunology, 2013, 101, Unit 15.14.1-51.	3.6	40
49	TLR3 deficiency induces chronic inflammatory cardiomyopathy in resistant mice following coxsackievirus B3 infection: role for IL-4. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 304, R267-R277.	0.9	40
50	Low-Dose Inorganic Mercury Increases Severity and Frequency of Chronic Coxsackievirus-Induced Autoimmune Myocarditis in Mice. Toxicological Sciences, 2012, 125, 134-143.	1.4	39
51	Mast Cells and Inflammatory Heart Disease: Potential Drug Targets. Cardiovascular & Hematological Disorders Drug Targets, 2008, 8, 80-90.	0.2	36
52	Self-reactive CD4+ IL-3+ T cells amplify autoimmune inflammation in myocarditis by inciting monocyte chemotaxis. Journal of Experimental Medicine, 2019, 216, 369-383.	4.2	34
53	Arsenic exposure and hepatitis E virus infection during pregnancy. Environmental Research, 2015, 142, 273-280.	3.7	33
54	COVID-19 Convalescent Plasma Is More than Neutralizing Antibodies: A Narrative Review of Potential Beneficial and Detrimental Co-Factors. Viruses, 2021, 13, 1594.	1.5	31

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55	Sex Differences in Translocator Protein 18Â kDa (TSPO) in the Heart: Implications for Imaging Myocardial Inflammation. Journal of Cardiovascular Translational Research, 2014, 7, 192-202.	1.1	29
56	Inflammation, Atherosclerosis and Coronary Artery Disease. Clinical Medicine Insights: Cardiology, 2014, 8s3, CMC.S39423.	0.6	28
57	Sex Differences in a Murine Model of SjÃ¶gren's Syndrome. Annals of the New York Academy of Sciences, 2009, 1173, 378-383.	1.8	26
58	Pulmonary arterial stiffness assessed by cardiovascular magnetic resonance imaging is a predictor of mild pulmonary arterial hypertension. International Journal of Cardiovascular Imaging, 2019, 35, 1881-1892.	0.7	26
59	Sex Differences, Genetic and Environmental Influences on Dilated Cardiomyopathy. Journal of Clinical Medicine, 2021, 10, 2289.	1.0	19
60	Sex Hormone Receptor Expression in the Immune System. , 2016, , 45-60.		18
61	In Reply â€" Limitations of Safety Update on Convalescent Plasma Transfusion in COVID-19 Patients. Mayo Clinic Proceedings, 2020, 95, 2802-2803.	1.4	18
62	Republished: Pathogenesis and diagnosis of myocarditis. Postgraduate Medical Journal, 2012, 88, 539-544.	0.9	16
63	Myoglobin for Detection of High-Risk Patients with Acute Myocarditis. Journal of Cardiovascular Translational Research, 2020, 13, 853-863.	1.1	15
64	We See Only What We Look For. Circulation: Cardiovascular Imaging, 2013, 6, 165-166.	1.3	13
65	Nano-scale treatment for a macro-scale disease: nanoparticle-delivered siRNA silences CCR2 and treats myocarditis. European Heart Journal, 2015, 36, 1434-1436.	1.0	11
66	Association of Genetic Variants at TRPC6 With Chemotherapy-Related Heart Failure. Frontiers in Cardiovascular Medicine, 2020, 7, 142.	1.1	9
67	Trpc6 Promotes Doxorubicin-Induced Cardiomyopathy in Male Mice With Pleiotropic Differences Between Males and Females. Frontiers in Cardiovascular Medicine, 2021, 8, 757784.	1.1	8
68	Sex-Specific Effects of Plastic Caging in Murine Viral Myocarditis. International Journal of Molecular Sciences, 2021, 22, 8834.	1.8	7
69	Biomarker and more: can translocator protein 18 kDa predict recovery from brain injury and myocarditis?. Biomarkers in Medicine, 2014, 8, 605-607.	0.6	6
70	Autoimmune Skin Diseases: Role of Sex Hormones, Vitamin D, and Menopause. , 2015, , 359-381.		6
71	Low-dose mercury heightens early innate response to coxsackievirus infection in female mice. Inflammation Research, 2015, 64, 31-40.	1.6	6
72	A Case-Control Study of Peripartum Cardiomyopathy Using the Rochester Epidemiology Project. Journal of Cardiac Failure, 2021, 27, 132-142.	0.7	5

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73	In Replyâ€"How Safe Is COVID-19 Convalescent Plasma?. Mayo Clinic Proceedings, 2021, 96, 2281-2282.	1.4	5
74	Biomarkers of Heart Failure in Myocarditis and Dilated Cardiomyopathy. , 2011, , .		4
75	Platforms for Personalized Polytherapeutics Discovery in COVID-19. Journal of Molecular Biology, 2021, 433, 166945.	2.0	4
76	Concerns about estimating relative risk of death associated with convalescent plasma for COVID-19. Nature Medicine, 2022, 28, 51-52.	15.2	4
77	Sex Determines Cardiac Myocyte Stretch and Relaxation. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	3
78	The Role of Disease Severity and Demographics in the Clinical Course of COVID-19 Patients Treated With Convalescent Plasma. Frontiers in Medicine, 2021, 8, 707895.	1.2	3
79	Viral Myocarditis and Dilated Cardiomyopathy: Mechanisms of Cardiac Injury, Inflammation, and Fibrosis. , 2016, , 149-159.		2
80	Convalescent Plasma Therapy for COVID-19: A Graphical Mosaic of the Worldwide Evidence. SSRN Electronic Journal, 0, , .	0.4	2
81	Autoimmune Myocarditis: Animal Models. , 2020, , 111-127.		2
82	Sex Differences in Doxorubicin-Induced Cardiomyopathy: TRPC6 Novel Therapeutic Target. Journal of Cardiac Failure, 2019, 25, S110-S111.	0.7	1
83	Myocarditis and Pericarditis. , 2021, , .		1
84	The Impact of a Group Telemedicine Program for Chronic Disease: A Retrospective Cohort Survey Study on Hypermobile Ehlers-Danlos Syndrome and Hypermobility Spectrum Disorder. Telemedicine Journal and E-Health, 0, , .	1.6	1
85	Atherosclerosis and Inflammatory Heart Disease. Molecular and Integrative Toxicology, 2012, , 271-289.	0.5	0
86	Elevated Sera sST2 Predicts Heart Failure in Men Under the Age of 50 with Clinically Suspected Myocarditis. Journal of Cardiac Failure, 2018, 24, S2.	0.7	0
87	Prevention of Myocarditis Using Regenerative Medicine Therapy. Journal of Cardiac Failure, 2018, 24, S80.	0.7	0
88	3341 Sex Differences in Vitamin D and Urinary Stone Disease. Journal of Clinical and Translational Science, 2019, 3, 54-54.	0.3	0
89	Premenopausal Purified Exosome Products from Women Protect against Male Dominant Cardiomyopathies Myocarditis and DCM. Journal of Cardiac Failure, 2019, 25, S111.	0.7	0
90	Using Novel Biomarkers to Predict Chemo-Induced Cardiovascular Toxicity in Patients with Breast Cancer. Journal of Cardiac Failure, 2020, 26, S16.	0.7	0

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91	Sera SST2 Levels Differ by Sex and Age for Myocardial Infarct and Cardiomyopathy. Journal of Cardiac Failure, 2020, 26, S20-S21.	0.7	0
92	Vitamin D Binding Protein as a Potential Biomarker for Heart Failure in Myocarditis: Translational Animal Model Reveals Mechanism. Journal of Cardiac Failure, 2020, 26, S96-S97.	0.7	0
93	The protective role of ILâ€•13 in Experimental Autoimmune Myocarditis. FASEB Journal, 2007, 21, A128.	0.2	0
94	Ozone Exposure Induces Betaâ€Adrenergic Insensitivity. FASEB Journal, 2011, 25, 1000.21.	0.2	0
95	Abstract 386: Sex Differences in Vitamin D Alter Inflammation During Heart Disease. Circulation Research, 2018, 123, .	2.0	0
96	Using novel biomarkers to predict chemotherapy-induced cardiovascular toxicity in patients with breast cancer.. Journal of Clinical Oncology, 2020, 38, e13002-e13002.	0.8	0
97	Autoimmune heart disease. , 2022, , 167-188.		0