

Sean X Leng

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

4,479
citations

218677

26
h-index

114465

63
g-index

81
all docs

81
docs citations

81
times ranked

5856
citing authors

#	ARTICLE	IF	CITATIONS
1	Aging in COVID-19: Vulnerability, immunity and intervention. <i>Ageing Research Reviews</i> , 2021, 65, 101205.	10.9	601
2	Frailty syndrome: an overview. <i>Clinical Interventions in Aging</i> , 2014, 9, 433.	2.9	566
3	Inflammation and Frailty in Older Women. <i>Journal of the American Geriatrics Society</i> , 2007, 55, 864-871.	2.6	380
4	Serum Interleukin-6 and Hemoglobin as Physiological Correlates in the Geriatric Syndrome of Frailty: A Pilot Study. <i>Journal of the American Geriatrics Society</i> , 2002, 50, 1268-1271.	2.6	349
5	A research agenda for ageing in China in the 21st century (2nd edition): Focusing on basic and translational research, long-term care, policy and social networks. <i>Ageing Research Reviews</i> , 2020, 64, 101174.	10.9	240
6	Serum levels of insulin-like growth factor-I (IGF-I) and dehydroepiandrosterone sulfate (DHEA-S), and their relationships with serum interleukin-6, in the geriatric syndrome of frailty. <i>Aging Clinical and Experimental Research</i> , 2004, 16, 153-157.	2.9	229
7	Link between type 2 diabetes and Alzheimer's disease: from epidemiology to mechanism and treatment. <i>Clinical Interventions in Aging</i> , 2015, 10, 549.	2.9	209
8	Frailty is associated with impairment of vaccine-induced antibody response and increase in post-vaccination influenza infection in community-dwelling older adults. <i>Vaccine</i> , 2011, 29, 5015-5021.	3.8	156
9	Associations of neutrophil and monocyte counts with frailty in community-dwelling disabled older women: Results from the Women's Health and Aging Studies I. <i>Experimental Gerontology</i> , 2009, 44, 511-516.	2.8	139
10	IL-6-independent association of elevated serum neopterin levels with prevalent frailty in community-dwelling older adults. <i>Age and Ageing</i> , 2011, 40, 475-481.	1.6	101
11	White Blood Cell Counts, Insulinlike Growth Factor-1 Levels, and Frailty in Community-Dwelling Older Women. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2009, 64A, 499-502.	3.6	97
12	Connection between Systemic Inflammation and Neuroinflammation Underlies Neuroprotective Mechanism of Several Phytochemicals in Neurodegenerative Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-16.	4.0	91
13	Decreased cell proliferation and altered cytokine production in frail older adults. <i>Aging Clinical and Experimental Research</i> , 2004, 16, 249-252.	2.9	83
14	Frailty, Inflammation, and Mortality Among Persons Aging With HIV Infection and Injection Drug Use. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 1542-1547.	3.6	76
15	Frailty, inflammation, and immunity. , 2011, 2, 466-73.		74
16	Total and Differential White Blood Cell Counts and Their Associations With Circulating Interleukin-6 Levels in Community-Dwelling Older Women. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2005, 60, 195-199.	3.6	67
17	Chronic Low-grade Inflammatory Phenotype (CLIP) and Senescent Immune Dysregulation. <i>Clinical Therapeutics</i> , 2019, 41, 400-409.	2.5	63
18	The Aging Tsunami and Senior Healthcare Development in China. <i>Journal of the American Geriatrics Society</i> , 2018, 66, 1462-1468.	2.6	58

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19	Baseline total and specific differential white blood cell counts and 5-year all-cause mortality in community-dwelling older women. <i>Experimental Gerontology</i> , 2005, 40, 982-987.	2.8	50
20	Understanding Frailty, Aging, and Inflammation in HIV Infection. <i>Current HIV/AIDS Reports</i> , 2015, 12, 25-32.	3.1	50
21	Chronic CMV infection in older women: Longitudinal comparisons of CMV DNA in peripheral monocytes, anti-CMV IgG titers, serum IL-6 levels, and CMV pp65 (NLV)-specific CD8+ T-cell frequencies with twelve year follow-up. <i>Experimental Gerontology</i> , 2014, 54, 84-89.	2.8	49
22	The Predicted Key Molecules, Functions, and Pathways That Bridge Mild Cognitive Impairment (MCI) and Alzheimer's Disease (AD). <i>Frontiers in Neurology</i> , 2020, 11, 233.	2.4	43
23	Relationship between cytomegalovirus (CMV) IgG serology, detectable CMV DNA in peripheral monocytes, and CMV pp65-specific CD8+ T cells in older adults. <i>Age</i> , 2011, 33, 607-614.	3.0	41
24	Aging, sex, inflammation, frailty, and CMV and HIV infections. <i>Cellular Immunology</i> , 2020, 348, 104024.	3.0	39
25	Relationship Between T-Cell Responses to CMV, Markers of Inflammation, and Frailty in HIV-uninfected and HIV-infected Men in the Multicenter AIDS Cohort Study. <i>Journal of Infectious Diseases</i> , 2018, 218, 249-258.	4.0	37
26	Multidimensional single-cell analysis of human peripheral blood reveals characteristic features of the immune system landscape in aging and frailty. <i>Nature Aging</i> , 2022, 2, 348-364.	11.6	36
27	Differences and disparities in seasonal influenza vaccine, acceptance, adverse reactions, and coverage by age, sex, gender, and race. <i>Vaccine</i> , 2022, 40, 1643-1654.	3.8	32
28	Heterogeneity of CD4+ and CD8+ T-cell Responses to Cytomegalovirus in HIV-Infected and HIV-Uninfected Men Who Have Sex With Men. <i>Journal of Infectious Diseases</i> , 2014, 210, 400-404.	4.0	29
29	Association of detectable cytomegalovirus (CMV) DNA in monocytes rather than positive CMV IgG serology with elevated neopterin levels in community-dwelling older adults. <i>Experimental Gerontology</i> , 2011, 46, 679-84.	2.8	28
30	Effects of influenza vaccination on the risk of cardiovascular and respiratory diseases and all-cause mortality. <i>Ageing Research Reviews</i> , 2020, 62, 101124.	10.9	25
31	Salidroside Delays Cellular Senescence by Stimulating Mitochondrial Biogenesis Partly through a miR-22/SIRT-1 Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	4.0	24
32	Sex-specific effects of aging on humoral immune responses to repeated influenza vaccination in older adults. <i>Npj Vaccines</i> , 2021, 6, 147.	6.0	23
33	An International Model for Geriatrics Program Development in China: The Johns Hopkins's "Peking Union Medical College Experience. <i>Journal of the American Geriatrics Society</i> , 2010, 58, 1376-1381.	2.6	21
34	Suppressive effects of sirtinol on human cytomegalovirus (hCMV) infection and hCMV-induced activation of molecular mechanisms of senescence and production of reactive oxygen species. <i>Mechanisms of Ageing and Development</i> , 2016, 158, 62-69.	4.6	21
35	Short-term effects of outdoor air pollution on acute ischaemic stroke occurrence: a case-crossover study in Tianjin, China. <i>Occupational and Environmental Medicine</i> , 2020, 77, 862-867.	2.8	21
36	Sitagliptin affects gastric cancer cells proliferation by suppressing Melanoma-associated antigen-3 expression through Yes-associated protein inactivation. <i>Cancer Medicine</i> , 2020, 9, 3816-3828.	2.8	21

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37	The shifting age distribution of people with HIV using antiretroviral therapy in the United States. <i>Aids</i> , 2022, 36, 459-471.	2.2	20
38	Clinic-pathologic Features and Prognostic Analysis of Thyroid Cancer in the Older Adult: A SEER Based Study. <i>Journal of Cancer</i> , 2018, 9, 2744-2750.	2.5	19
39	Frailty and Cause-Specific Hospitalization Among Persons Aging With HIV Infection and Injection Drug Use. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, glw142.	3.6	18
40	Rapamycin increases grip strength and attenuates age-related decline in maximal running distance in old low capacity runner rats. <i>Aging</i> , 2016, 8, 769-776.	3.1	16
41	Interferon- β Potentiates α -Synuclein-induced Neurotoxicity Linked to Toll-like Receptors 2 and 3 and Tumor Necrosis Factor- α in Murine Astrocytes. <i>Molecular Neurobiology</i> , 2019, 56, 7664-7679.	4.0	15
42	Single-cell immune atlas for human aging and frailty. , 2022, 1, 67-70.		15
43	<p>Potential Impacts of Meteorological Variables on Acute Ischemic Stroke Onset</p>. <i>Risk Management and Healthcare Policy</i> , 2020, Volume 13, 615-621.	2.5	12
44	Correction of Anemia in the Frail Elderly (CAFÉ): Results of a Randomized, Double-Blind, Placebo-Controlled Study with Darbepoetin Alfa in Elderly Patients with Chronic Unexplained Anemia. <i>Blood</i> , 2012, 120, 5153-5153.	1.4	12
45	Red Yeast Rice Preparations Reduce Mortality, Major Cardiovascular Adverse Events, and Risk Factors for Metabolic Syndrome: A Systematic Review and Meta-analysis. <i>Frontiers in Pharmacology</i> , 2022, 13, 744928.	3.5	12
46	Comparison of Survival and Risk Factors of Differentiated Thyroid Cancer in the Geriatric Population. <i>Frontiers in Oncology</i> , 2020, 10, 42.	2.8	11
47	Clinical-pathological Characteristics and Prognostic Factors for Papillary Thyroid Microcarcinoma in the Elderly. <i>Journal of Cancer</i> , 2018, 9, 256-262.	2.5	10
48	T-cell immunity against cytomegalovirus in HIV infection and aging: relationships with inflammation, immune activation, and frailty. <i>Medical Microbiology and Immunology</i> , 2019, 208, 289-294.	4.8	10
49	The lncRNA MEG3/miR-16-5p/VGLL4 regulatory axis is involved in etoposide-induced senescence of tumor cells. <i>Journal of Gene Medicine</i> , 2021, 23, e3291.	2.8	10
50	The effects of heatwaves and cold spells on patients admitted with acute ischemic stroke. <i>Annals of Translational Medicine</i> , 2021, 9, 309-309.	1.7	10
51	Differential Relationships among Circulating Inflammatory and Immune Activation Biomarkers and Impact of Aging and Human Immunodeficiency Virus Infection in a Cohort of Injection Drug Users. <i>Frontiers in Immunology</i> , 2017, 8, 1343.	4.8	9
52	The association of single nucleotide polymorphism rs189037C>T in ATM gene with coronary artery disease in Chinese Han populations. <i>Medicine (United States)</i> , 2018, 97, e9747.	1.0	9
53	Roadmap for Sex-Responsive Influenza and COVID-19 Vaccine Research in Older Adults. <i>Frontiers in Aging</i> , 2022, 3, .	2.6	9
54	Inflammatory Pathways to Anemia in the Frail Elderly. <i>Clinics in Geriatric Medicine</i> , 2019, 35, 339-348.	2.6	8

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55	Clinicopathologic features and prognostic factors for patients with colorectal cancer who are 75 years and older. <i>Oncotarget</i> , 2017, 8, 80002-80011.	1.8	7
56	A novel flow cytometry-based tool for determining the efficiency of human cytomegalovirus infection in THP-1 derived macrophages. <i>Journal of Virological Methods</i> , 2015, 221, 127-130.	2.1	6
57	Effect of influenza vaccine on tumor necrosis factor-like weak inducer of apoptosis (TWEAK) in older adults. <i>Vaccine</i> , 2018, 36, 2220-2225.	3.8	6
58	Beyond the eyeball test: Impact and potential mechanisms of frailty in heart transplant candidates. <i>Journal of Heart and Lung Transplantation</i> , 2021, 40, 95-98.	0.6	6
59	Polymorphism rs189037C>ÂT in the promoter region of the ATM gene may associate with reduced risk of T2DM in older adults in China: a case control study. <i>BMC Medical Genetics</i> , 2017, 18, 84.	2.1	5
60	Blocking cellular N-glycosylation suppresses human cytomegalovirus entry in human fibroblasts. <i>Microbial Pathogenesis</i> , 2020, 138, 103776.	2.9	5
61	Impaired glucose tolerance predicts all-cause mortality among older men at high risk for cardiovascular disease in China. <i>Primary Care Diabetes</i> , 2019, 13, 495-504.	1.8	4
62	Efficacy and Safety of Tongxinluo Capsule as Adjunctive Treatment for Unstable Angina Pectoris: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Frontiers in Pharmacology</i> , 2021, 12, 742978.	3.5	4
63	Î±â€œSynuclein activates innate immunity but suppresses interferonâ€™3 expression in murine astrocytes. <i>European Journal of Neuroscience</i> , 2018, 48, 1583-1599.	2.6	3
64	Validation of Pre-amplification to Improve Quantification of Cytomegalovirus DNA Using Droplet Digital Polymerase Chain Reaction. <i>Analytical Chemistry</i> , 2021, 93, 3710-3716.	6.5	3
65	Introduction of Abstracts to be Presented at the Second Chinese Congress on Gerontology and Health Industry. <i>Journal of the American Geriatrics Society</i> , 2013, 61, S307.	2.6	1
66	Introduction to the Abstracts Presented at the Fourth Chinese Congress on Gerontology and Health Industry. <i>Journal of the American Geriatrics Society</i> , 2015, 63, S321-2.	2.6	1
67	Introduction to Abstracts to be Presented at the Fifth Chinese Congress on Gerontology and Health Industry. <i>Journal of the American Geriatrics Society</i> , 2016, 64, S315-6.	2.6	1
68	Introduction of Abstracts to be Presented at the Sixth Chinese Congress on Gerontology and Health Industry. <i>Journal of the American Geriatrics Society</i> , 2017, 65, S293-S294.	2.6	1
69	Introduction of Abstracts to be Presented at the Seventh Chinese Congress on Gerontology, and Health Industry. <i>Journal of the American Geriatrics Society</i> , 2018, 66, S441-S442.	2.6	1
70	Intersection of Sex and Frailty in Humoral Immune Responses to Influenza Vaccine in Community-Dwelling Older Adults. <i>Innovation in Aging</i> , 2020, 4, 271-272.	0.1	1
71	Inadvertent self-healing in desperate times. <i>Lancet, The</i> , 2007, 370, 1458.	13.7	0
72	Effect of Influenza Vaccine on Tumor Necrosis Factor-Like Weak Inducer of Apoptosis (TWEAK) in Older Population. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.9	0

#	ARTICLE	IF	CITATIONS
73	Introduction of Abstracts to be presented at the Eighth Chinese Congress on Gerontology and Health Industry. Journal of the American Geriatrics Society, 2019, 67, S593-S594.	2.6	0
74	EFFECT OF INFLUENZA VACCINE ON TWEAK LEVELS IN THE ELDERLY: IMPLICATION IN CARDIOVASCULAR PROTECTION. Innovation in Aging, 2019, 3, S643-S644.	0.1	0
75	Reply to: Comments on the Aging Tsunami and Senior Healthcare Development in China. Journal of the American Geriatrics Society, 2019, 67, 405-405.	2.6	0
76	Reply to: Update on Aging Statistics and Geriatrics Development in China. Journal of the American Geriatrics Society, 2019, 67, 188-189.	2.6	0
77	Effects of 3 months of multi-nutrient supplementation on the immune system and muscle and respiratory function of older adults in aged care (The Pomerium Study): protocol for a randomised controlled trial. BMJ Open, 2022, 12, e059075.	1.9	0