

SUPPLEMENTARY MATERIALS

Table S1. Top 50 cited publications on COVID-19 and older adults

Rank	Title	Journal	Article type	Country of the corresponding author	Publication date	Citations
1	Clinical features of COVID-19 in elderly patients: a comparison with young and middle-aged patients	<i>Journal of Infection</i>	Review	China	June 2020	312
2	The role of vitamin D in the prevention of coronavirus disease 2019 infection and mortality	<i>Aging Clinical and Experimental Research</i>	Article	England	July 2020	192
3	Mental health services for older adults in China during the COVID-19 outbreak	<i>Lancet Psychiatry</i>	Letter	China	April 2020	173
4	Age-dependent effects in the transmission and control of COVID-19 epidemics	<i>Nature Medicine</i>	Article	England	August 2020	140
5	COVID-19 and older adults: what we know	<i>Journal of the American Geriatrics Society</i>	Review	USA	May 2020	114
6	SARS-CoV-2 and COVID-19 in older adults: what we may expect regarding pathogenesis, immune responses, and outcomes	<i>Geroscience</i>	Review	USA	April 2020	107
7	Coronavirus disease 2019 in geriatrics and long-term care: the ABCDs of COVID-19	<i>Journal of the American Geriatrics Society</i>	Article	USA	May 2020	80
8	Anticipating and mitigating the impact of the COVID-19 pandemic on Alzheimer's disease and related dementias	<i>American Journal of Geriatric Psychiatry</i>	Article	Canada	July 2020	74
9	Analysis of Epidemiological and clinical features in older patients with coronavirus disease 2019 (COVID-19) outside Wuhan	<i>Clinical Infectious Diseases</i>	Article	China	August 2020	69
10	COVID-19 and chronological aging: senolytics and other anti-aging drugs for the treatment or prevention of corona virus infection?	<i>Aging-US</i>	Article	England	April 2020	62
11	The coronavirus and the risks to the elderly in long-term	<i>Journal of Aging & Social Policy</i>	Editorial material	Canada	July 2020	55

	care					
12	Why does COVID-19 disproportionately affect older people?	<i>Aging-US</i>	Review	USA	May 2020	53
13	Characteristics of US nursing homes with COVID-19 cases	<i>Journal of the American Geriatrics Society</i>	Article	USA	Aug 2020	50
14	Loneliness and social isolation in older adults during the Covid-19 pandemic: implications for gerontological social work	<i>Journal of Nutrition Health & Aging</i>	Editorial material	USA	May 2020	48
15	COVID-19 presents high risk to older persons	<i>Journal of the American Geriatrics Society</i>	Editorial material	USA	April 2020	48
16	Clinical presentation of COVID19 in dementia patients	<i>Journal of Nutrition Health & Aging</i>	Article	Italy	June 2020	44
17	Risk factors for mortality in 244 older adults with COVID-19 in Wuhan, China: a retrospective study	<i>Journal of the American Geriatrics Society</i>	Article	China	June 2020	42
18	COVID-19 and older adult	<i>Journal of Nutrition Health & Aging</i>	Editorial material	USA	April 2020	39
19	COVID-19 in older people: a rapid clinical review	<i>Age and Ageing</i>	Review	England	July 2020	38
20	Clinical characteristics of older patients infected with descriptive study COVID-19: a descriptive study	<i>Archives of Gerontology and Geriatrics</i>	Article	China	July 2020	38
21	COVID-19 and the elderly: insights into pathogenesis and clinical decision-making	<i>Aging Clinical and Experimental Research</i>	Review	Italy	August 2020	37
22	Safety and immunogenicity of SARS-CoV-2 mRNA-1273 vaccine in older adults	<i>New England Journal of Medicine</i>	Article	USA	December 2020	37
23	Risk factors for predicting mortality in elderly patients with COVID-19: a review of clinical data in China	<i>Mechanisms of Ageing and Development</i>	Review	Australia	June 2020	37
24	Prevalence of malnutrition and analysis of related factors in elderly patients with COVID-19 in Wuhan, China	<i>European Journal of Clinical Nutrition</i>	Article	China	June 2020	37
25	Recovering from the COVID-19 Pandemic: a focus on older adults	<i>Journal of Aging & Social Policy</i>	Article	USA	July 2020	34
26	COVID-19-associated cardiovascular morbidity in older adults: a position paper from the Italian Society of Cardiovascular Researches	<i>Geroscience</i>	Review	Italy	August 2020	34
27	Risk factors for mortality in patients with coronavirus	<i>Aging Male</i>	Review	Iran	June 2020	31

	disease 2019 (COVID-19) infection: a systematic review and meta-analysis of observational studies					
28	The potential long-term impact of the COVID-19 outbreak on patients with non-communicable diseases in Europe: consequences for healthy ageing	<i>Aging Clinical and Experimental Research</i>	Review	France	July 2020	31
29	Action at a distance: geriatric research during a pandemic	<i>Journal of the American Geriatrics Society</i>	Article	USA	May 2020	31
30	A geroscience perspective on COVID-19 mortality	<i>Journals of Gerontology Series A: Biological Sciences and Medical Sciences</i>	Article	USA	September 2020	28
31	COVID-19 spiraling of frailty in older Italian patients	<i>Journal of Nutrition Health & Aging</i>	Editorial material	Italy	May 2020	27
32	Atypical presentation of COVID-19 in a frail older person	<i>Age and Ageing</i>	Editorial material	England	July 2020	27
33	COVID-19, mental health and aging: a need for new knowledge to bridge science and service	<i>American Journal of Geriatric Psychiatry</i>	Editorial material	USA	July 2020	26
34	The possible pathophysiology mechanism of cytokine storm in elderly adults with COVID-19 infection: the contribution of inflame-aging	<i>Inflammation Research</i>	Review	Iran	September 2020	26
35	Analyze the psychological impact of COVID-19 among the elderly population in China and make corresponding suggestions	<i>Psychiatry Research</i>	Letter	China	July 2020	26
36	American Geriatrics Society Policy Brief: COVID-19 and nursing homes	<i>Journal of the American Geriatrics Society</i>	Article	USA	May 2020	26
37	Novel coronavirus (COVID-19) epidemic: what are the risks for older patients?	<i>Journal of the American Geriatrics Society</i>	Letter	France	May 2020	25
38	Delirium: a missing piece in the COVID-19 pandemic puzzle	<i>Age and Ageing</i>	Editorial material	Ireland	July 2020	25
39	Ageism and COVID-19: what does our society's response say about us?	<i>Age and Ageing</i>	Editorial material	Canada	September 2020	24
40	Clinical characteristics and prognostic factors in COVID-19 patients aged \geq 80 years	<i>Geriatrics & Gerontology International</i>	Article	Italy	July 2020	23

41	COVID-19: the implications for suicide in older adults	<i>International Psychogeriatrics</i>	Editorial material	Australia	October 2020	22
42	Frailty in the face of COVID-19	<i>Age and Ageing</i>	Editorial material	Australia	July 2020	22
43	Loneliness and social isolation during the COVID-19 pandemic	<i>International Psychogeriatrics</i>	Editorial material	Taiwan	October 2020	22
44	COVID-19 and older people in Asia: Asian Working Group for Sarcopenia calls to actions	<i>Geriatrics & Gerontology International</i>	Review	Japan	June 2020	22
45	a unique presentation of delirium in a patient with otherwise asymptomatic COVID-19	<i>Journal of the American Geriatrics Society</i>	Article	Saudi Arabia	July 2020	22
46	Frailty in the face of COVID-19	<i>Age and Ageing</i>	Editorial material	Australia	June 2020	20
47	Rationing limited healthcare resources in the COVID-19 era and beyond: ethical considerations regarding older adults	<i>Journal of the American Geriatrics Society</i>	Article	USA	June 2020	19
48	Essential long-term care workers commonly hold second jobs and double- or triple-duty caregiving roles	<i>Journal of the American Geriatrics Society</i>	Article	USA	August 2020	19
49	Geriatric medicine in Italy in the time of Covid-19	<i>Journal of Nutrition Health & Aging</i>	Editorial material	Italy	May 2020	19
50	COVID-19 infections and deaths among Connecticut nursing home residents: facility correlates	<i>Journal of the American Geriatrics Society</i>	Article	USA	September 2020	18