

Lei Gao, Mbbs

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,027
citations

623734

14
h-index

454955

30
g-index

41
all docs

41
docs citations

41
times ranked

959
citing authors

#	ARTICLE	IF	CITATIONS
1	Daytime napping and Alzheimer's dementia: A potential bidirectional relationship. Alzheimer's and Dementia, 2023, 19, 158-168.	0.8	37
2	Association of Poor Sleep Burden in Middle Age and Older Adults With Risk for Delirium During Hospitalization. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 507-516.	3.6	20
3	Daytime Sleep Behaviors and Cognitive Performance in Middle- to Older-Aged Adults Living with and without HIV Infection. Nature and Science of Sleep, 2022, Volume 14, 181-191.	2.7	10
4	Sleep and circadian phenotypes: risk factors for COVID-19 severity?. Sleep, 2022, 45, .	1.1	1
5	0132 Loss of Neurons in the Intermediate Nucleus is Related to Perturbed Sleep-Wake Rhythms in Older Adults. Sleep, 2022, 45, A59-A59.	1.1	0
6	Fractal motor activity regulation and sex differences in preclinical Alzheimer's disease pathology. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2021, 13, e12211.	2.4	12
7	Resting Heartbeat Complexity Predicts All-cause and Cardiorespiratory Mortality in Middle- to Older-Aged Adults From the UK Biobank. Journal of the American Heart Association, 2021, 10, e018483.	3.7	9
8	Day-to-day associations between sleep characteristics and affect in community dwelling adults. Journal of Sleep Research, 2021, 30, e13297.	3.2	5
9	A polysomnography study examining the association between sleep and postoperative delirium in older hospitalized cardiac surgical patients. Journal of Sleep Research, 2021, 30, e13322.	3.2	18
10	246 Maintenance of Circadian/Daily Activity Patterns and Cognitive Resilience to Alzheimer's Pathology in Late Life. Sleep, 2021, 44, A99-A100.	1.1	0
11	699 Sleep Health Traits and COVID-19: Mortality Risk from the UK Biobank. Sleep, 2021, 44, A273-A273.	1.1	1
12	547 Earlier-life sleep patterns and risk for delirium in elderly hospitalized patients from a 14-year longitudinal cohort. Sleep, 2021, 44, A215-A216.	1.1	1
13	Poor sleep behavior burden and risk of COVID-19 mortality and hospitalization. Sleep, 2021, 44, .	1.1	25
14	Objective Assessment of Daytime Napping and Incident Heart Failure in 1140 Community-Dwelling Older Adults: A Prospective, Observational Cohort Study. Journal of the American Heart Association, 2021, 10, e019037.	3.7	12
15	Sleep, rest-activity rhythms and aging: a complex web in Alzheimer's disease?. Neurobiology of Aging, 2021, 104, 102-103.	3.1	7
16	The Role of Artificial Intelligence in Personalized Anesthesiology and Perioperative Medicine. , 2021, , 351-362.		0
17	Sleep, Pain, and Cognition: Modifiable Targets for Optimal Perioperative Brain Health. Anesthesiology, 2021, 135, 1132-1152.	2.5	45
18	Heart rate response and recovery during exercise predict future delirium risk? A prospective cohort study in middle- to older-aged adults. Journal of Sport and Health Science, 2021, , .	6.5	4

#	ARTICLE	IF	CITATIONS
19	Artificial Intelligence in Anesthesiology. Anesthesiology, 2020, 132, 379-394.	2.5	237
20	Signal Information Prediction of Mortality Identifies Unique Patient Subsets after Severe Traumatic Brain Injury: A Decision-Tree Analysis Approach. Journal of Neurotrauma, 2020, 37, 1011-1019.	3.4	12
21	Circadian disturbances in Alzheimer's disease progression: a prospective observational cohort study of community-based older adults. The Lancet Healthy Longevity, 2020, 1, e96-e105.	4.6	77
22	Sleep disturbance and incident Alzheimer's disease: A UK Biobank study of 502,538 middle-aged to older participants. Alzheimer's and Dementia, 2020, 16, e044575.	0.8	3
23	Daytime napping trajectory over time and its association with cognitive aging: A 13-year community-based longitudinal study of older adults. Alzheimer's and Dementia, 2020, 16, e045248.	0.8	1
24	Longer and more frequent naps predict incident Alzheimer's dementia in community-based older adults. Alzheimer's and Dementia, 2020, 16, e045269.	0.8	0
25	<p>Fragmentation of Rest/Activity Patterns in Community-Based Elderly Individuals Predicts Incident Heart Failure</p>. Nature and Science of Sleep, 2020, Volume 12, 299-307.	2.7	13
26	0902 Nocturnal Heart Rate Variability Moderates the Association Between Sleep-Wake Regularity and Mood in Young Adults. Sleep, 2019, 42, A362-A363.	1.1	0
27	More random motor activity fluctuations predict incident frailty, disability, and mortality. Science Translational Medicine, 2019, 11, .	12.4	33
28	0283 Sleep Fragmentation Predicts Risk of Congestive Heart Failure in Community-Based Older Adults. Sleep, 2019, 42, A115-A115.	1.1	0
29	0037 Degraded Circadian Regulation Predicts Incident Physical Disability and All-Cause Mortality in Community-Based Older Adults. Sleep, 2019, 42, A15-A15.	1.1	1
30	Nocturnal heart rate variability moderates the association between sleep-wake regularity and mood in young adults. Sleep, 2019, 42, .	1.1	15
31	Dexmedetomidine promotes biomimetic non-rapid eye movement stage 3 sleep in humans: A pilot study. Clinical Neurophysiology, 2018, 129, 69-78.	1.5	85
32	Dexmedetomidine Disrupts the Local and Global Efficiencies of Large-scale Brain Networks. Anesthesiology, 2017, 126, 419-430.	2.5	73
33	Early Asymmetric Cardio-Cerebral Causality and Outcome after Severe Traumatic Brain Injury. Journal of Neurotrauma, 2017, 34, 2743-2752.	3.4	31
34	Lack of Responsiveness during the Onset and Offset of Sevoflurane Anesthesia Is Associated with Decreased Awake-Alpha Oscillation Power. Frontiers in Systems Neuroscience, 2017, 11, 38.	2.5	31
35	Cerebrovascular Signal Complexity Six Hours after Intensive Care Unit Admission Correlates with Outcome after Severe Traumatic Brain Injury. Journal of Neurotrauma, 2016, 33, 2011-2018.	3.4	33
36	Improving pressure ulcer risk assessment and management using the Waterlow scale at a London teaching hospital. Journal of Wound Care, 2014, 23, 613-622.	1.2	9

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37	A Comparison of Propofol- and Dexmedetomidine-induced Electroencephalogram Dynamics Using Spectral and Coherence Analysis. <i>Anesthesiology</i> , 2014, 121, 978-989.	2.5	138
38	Lipoma arborescens of the knee. <i>Current Orthopaedic Practice</i> , 2014, 25, 92-94.	0.2	0
39	Effects of Assuming Constant Optical Scattering on Haemoglobin Concentration Measurements Using NIRS during a Valsalva Manoeuvre. <i>Advances in Experimental Medicine and Biology</i> , 2011, 701, 15-20.	1.6	8
40	A Hybrid Multi-Distance Phase and Broadband Spatially Resolved Spectrometer and Algorithm for Resolving Absolute Concentrations of Chromophores in the Near-Infrared Light Spectrum. <i>Advances in Experimental Medicine and Biology</i> , 2010, 662, 169-175.	1.6	20