

Atul Malhotra

List of Publications by Year in descending order

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Version: 2024-02-01

330
papers

11,300
citations

53660

45
h-index

39575

94
g-index

332
all docs

332
docs citations

332
times ranked

12394
citing authors

#	ARTICLE	IF	CITATIONS
1	Adult obstructive sleep apnoea. <i>Lancet, The</i> , 2014, 383, 736-747.	6.3	1,031
2	Sleep Apnea. <i>Journal of the American College of Cardiology</i> , 2017, 69, 841-858.	1.2	872
3	Tocilizumab in Hospitalized Patients with Severe Covid-19 Pneumonia. <i>New England Journal of Medicine</i> , 2021, 384, 1503-1516.	13.9	762
4	Central Sleep Apnea. <i>Chest</i> , 2007, 131, 595-607.	0.4	453
5	SARS-CoV-2 Spike Protein Impairs Endothelial Function via Downregulation of ACE 2. <i>Circulation Research</i> , 2021, 128, 1323-1326.	2.0	315
6	Eszopiclone increases the respiratory arousal threshold and lowers the apnoea/hypopnoea index in obstructive sleep apnoea patients with a low arousal threshold. <i>Clinical Science</i> , 2011, 120, 505-514.	1.8	281
7	Society of Anesthesia and Sleep Medicine Guidelines on Preoperative Screening and Assessment of Adult Patients With Obstructive Sleep Apnea. <i>Anesthesia and Analgesia</i> , 2016, 123, 452-473.	1.1	258
8	Neonatal Morbidities of Fetal Growth Restriction: Pathophysiology and Impact. <i>Frontiers in Endocrinology</i> , 2019, 10, 55.	1.5	237
9	Clinical Predictors of the Respiratory Arousal Threshold in Patients with Obstructive Sleep Apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 1293-1300.	2.5	221
10	Long-term study of the safety and maintenance of efficacy of solriamfetol (JZP-110) in the treatment of excessive sleepiness in participants with narcolepsy or obstructive sleep apnea. <i>Sleep</i> , 2020, 43, .	0.6	220
11	Effect of oxygen in obstructive sleep apnea: Role of loop gain. <i>Respiratory Physiology and Neurobiology</i> , 2008, 162, 144-151.	0.7	208
12	Nasal High-Flow Therapy for Primary Respiratory Support in Preterm Infants. <i>New England Journal of Medicine</i> , 2016, 375, 1142-1151.	13.9	177
13	A simplified method for determining phenotypic traits in patients with obstructive sleep apnea. <i>Journal of Applied Physiology</i> , 2013, 114, 911-922.	1.2	176
14	Metrics of sleep apnea severity: beyond the apnea-hypopnea index. <i>Sleep</i> , 2021, 44, .	0.6	154
15	Obstructive Sleep Apnea in Older Adults is a Distinctly Different Physiological Phenotype. <i>Sleep</i> , 2014, 37, 1227-1236A.	0.6	128
16	Upper Airway Collapsibility is Associated with Obesity and Hyoid Position. <i>Sleep</i> , 2014, 37, 1673-1678.	0.6	125
17	Trazodone Increases the Respiratory Arousal Threshold in Patients with Obstructive Sleep Apnea and a Low Arousal Threshold. <i>Sleep</i> , 2014, 37, 811-819.	0.6	122
18	Understanding Phenotypes of Obstructive Sleep Apnea: Applications in Anesthesia, Surgery, and Perioperative Medicine. <i>Anesthesia and Analgesia</i> , 2017, 124, 179-191.	1.1	121

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19	Fixel-based Analysis of Diffusion MRI: Methods, Applications, Challenges and Opportunities. <i>NeuroImage</i> , 2021, 241, 118417.	2.1	117
20	Relationship between sleep duration and body mass index depends on age. <i>Obesity</i> , 2015, 23, 2491-2498.	1.5	108
21	Preterm Hypoxic-Ischemic Encephalopathy. <i>Frontiers in Pediatrics</i> , 2016, 4, 114.	0.9	108
22	Patient Engagement Using New Technology to Improve Adherence to Positive Airway Pressure Therapy. <i>Chest</i> , 2018, 153, 843-850.	0.4	103
23	Genioglossus Muscle Responsiveness to Chemical and Mechanical Stimuli during Non-Rapid Eye Movement Sleep. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002, 165, 945-949.	2.5	102
24	First-In-Human Administration of Allogeneic Amnion Cells in Premature Infants With Bronchopulmonary Dysplasia: A Safety Study. <i>Stem Cells Translational Medicine</i> , 2018, 7, 628-635.	1.6	97
25	Trazodone increases arousal threshold in obstructive sleep apnoea. <i>European Respiratory Journal</i> , 2008, 31, 1308-1312.	3.1	94
26	Nonadherence with Employer-Mandated Sleep Apnea Treatment and Increased Risk of Serious Truck Crashes. <i>Sleep</i> , 2016, 39, 967-975.	0.6	90
27	Increased Peripheral Blood Neutrophil Activation Phenotypes and Neutrophil Extracellular Trap Formation in Critically Ill Coronavirus Disease 2019 (COVID-19) Patients: A Case Series and Review of the Literature. <i>Clinical Infectious Diseases</i> , 2022, 74, 479-489.	2.9	87
28	The Neurovascular Unit: Effects of Brain Insults During the Perinatal Period. <i>Frontiers in Neuroscience</i> , 2019, 13, 1452.	1.4	84
29	Validation of a physical activity accelerometer device worn on the hip and wrist against polysomnography. <i>Sleep Health</i> , 2018, 4, 209-216.	1.3	83
30	Timing Matters: Circadian Rhythm in Sepsis, Obstructive Lung Disease, Obstructive Sleep Apnea, and Cancer. <i>Annals of the American Thoracic Society</i> , 2016, 13, 1144-1154.	1.5	75
31	Physiological Mechanisms of Upper Airway Hypotonia during REM Sleep. <i>Sleep</i> , 2014, 37, 561-569.	0.6	73
32	On the cutting edge of obstructive sleep apnoea: where next?. <i>Lancet Respiratory Medicine</i> , 2015, 3, 397-403.	5.2	70
33	Silent hypoxaemia in COVID-19 patients. <i>Journal of Physiology</i> , 2021, 599, 1057-1065.	1.3	64
34	Age, gender, neck circumference, and Epworth sleepiness scale do not predict obstructive sleep apnea (OSA) in moderate to severe chronic obstructive pulmonary disease (COPD): The challenge to predict OSA in advanced COPD. <i>PLoS ONE</i> , 2017, 12, e0177289.	1.1	64
35	Cord blood mononuclear cells prevent neuronal apoptosis in response to perinatal asphyxia in the newborn lamb. <i>Journal of Physiology</i> , 2016, 594, 1421-1435.	1.3	62
36	The Utility of Exercise Testing in Patients with Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2016, 11, 1397-1410.	0.5	62

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37	Prematurity Rates During the Coronavirus Disease 2019 (COVID-19) Pandemic Lockdown in Melbourne, Australia. <i>Obstetrics and Gynecology</i> , 2021, 137, 405-407.	1.2	59
38	Acetazolamide for OSA and Central Sleep Apnea. <i>Chest</i> , 2020, 158, 2632-2645.	0.4	57
39	Side effects of acetazolamide: a systematic review and meta-analysis assessing overall risk and dose dependence. <i>BMJ Open Respiratory Research</i> , 2020, 7, e000557.	1.2	55
40	Effects of Inhaled Fluticasone on Upper Airway during Sleep and Wakefulness in Asthma: A Pilot Study. <i>Journal of Clinical Sleep Medicine</i> , 2014, 10, 183-193.	1.4	54
41	Congenital chylothorax: Associations and neonatal outcomes. <i>Journal of Paediatrics and Child Health</i> , 2014, 50, 234-238.	0.4	53
42	Effects of hyperoxia and hypoxia on the physiological traits responsible for obstructive sleep apnoea. <i>Journal of Physiology</i> , 2014, 592, 4523-4535.	1.3	53
43	Characterization of the pathoimmunology of necrotizing enterocolitis reveals novel therapeutic opportunities. <i>Nature Communications</i> , 2020, 11, 5794.	5.8	53
44	CPAP Therapy Termination Rates by OSA Phenotype: A French Nationwide Database Analysis. <i>Journal of Clinical Medicine</i> , 2021, 10, 936.	1.0	51
45	Detection and assessment of brain injury in the growth-restricted fetus and neonate. <i>Pediatric Research</i> , 2017, 82, 184-193.	1.1	48
46	Hypoglossal-Nerve Stimulation for Obstructive Sleep Apnea. <i>New England Journal of Medicine</i> , 2014, 370, 170-171.	13.9	47
47	Clinical Use of Loop Gain Measures to Determine Continuous Positive Airway Pressure Efficacy in Patients with Complex Sleep Apnea. A Pilot Study. <i>Annals of the American Thoracic Society</i> , 2015, 12, 1351-1357.	1.5	47
48	New frontiers in obstructive sleep apnoea. <i>Clinical Science</i> , 2014, 127, 209-216.	1.8	46
49	Continuous Positive Airway Pressure Mitigates Opioid-induced Worsening of Sleep-disordered Breathing Early after Bariatric Surgery. <i>Anesthesiology</i> , 2016, 125, 92-104.	1.3	46
50	Treatment of Obstructive Sleep Apnea. Prospects for Personalized Combined Modality Therapy. <i>Annals of the American Thoracic Society</i> , 2016, 13, 101-108.	1.5	46
51	ACE2, Metformin, and COVID-19. <i>IScience</i> , 2020, 23, 101425.	1.9	45
52	Effect of CPAP on New Endothelial Dysfunction Marker, Endocan, in People With Obstructive Sleep Apnea. <i>Angiology</i> , 2016, 67, 364-374.	0.8	44
53	New developments in the use of positive airway pressure for obstructive sleep apnea. <i>Journal of Thoracic Disease</i> , 2015, 7, 1323-42.	0.6	44
54	Detecting brain injury in neonatal hypoxic ischemic encephalopathy: Closing the gap between experimental and clinical research. <i>Experimental Neurology</i> , 2014, 261, 281-290.	2.0	43

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55	Early- versus Late-Onset Fetal Growth Restriction Differentially Affects the Development of the Fetal Sheep Brain. <i>Developmental Neuroscience</i> , 2017, 39, 141-155.	1.0	43
56	Systemic and transdermal melatonin administration prevents neuropathology in response to perinatal asphyxia in newborn lambs. <i>Journal of Pineal Research</i> , 2018, 64, e12479.	3.4	43
57	Adherence in children using positive airway pressure therapy: a big-data analysis. <i>The Lancet Digital Health</i> , 2020, 2, e94-e101.	5.9	42
58	Inherent vs. Induced Loop Gain Abnormalities in Obstructive Sleep Apnea. <i>Frontiers in Neurology</i> , 2018, 9, 896.	1.1	41
59	Strategies to augment adherence in the management of sleep-disordered breathing. <i>Respirology</i> , 2020, 25, 363-371.	1.3	41
60	Subgaleal hemorrhage: risk factors and outcomes. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2012, 91, 260-263.	1.3	39
61	Untreated Sleep-Disordered Breathing: Links to Aging-Related Decline in Sleep-Dependent Memory Consolidation. <i>PLoS ONE</i> , 2014, 9, e85918.	1.1	39
62	Obstructive Sleep Apnea and Incident Cancer: A Large Retrospective Multicenter Clinical Cohort Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 295-304.	1.1	39
63	Development and Prospective Validation of a Deep Learning Algorithm for Predicting Need for Mechanical Ventilation. <i>Chest</i> , 2021, 159, 2264-2273.	0.4	38
64	Artificial intelligence sepsis prediction algorithm learns to say "I don't know". <i>Npj Digital Medicine</i> , 2021, 4, 134.	5.7	38
65	Cognitive function and mood at high altitude following acclimatization and use of supplemental oxygen and adaptive servoventilation sleep treatments. <i>PLoS ONE</i> , 2019, 14, e0217089.	1.1	37
66	Cardiac Troponin Values in Patients With Acute Coronary Syndrome and Sleep Apnea. <i>Chest</i> , 2018, 153, 329-338.	0.4	36
67	Assessing psychometric properties of the PROMIS Sleep Disturbance Scale in older adults in independent-living and continuing care retirement communities. <i>Sleep Health</i> , 2019, 5, 18-22.	1.3	36
68	Impact of COVID-19 pandemic restrictions on pregnancy duration and outcome in Melbourne, Australia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 58, 677-687.	0.9	36
69	Accuracy of WatchPAT for the Diagnosis of Obstructive Sleep Apnea in Patients with Chronic Obstructive Pulmonary Disease. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2020, 17, 34-39.	0.7	35
70	Micro RNA amelioration of experimental pulmonary hypertension. <i>EMBO Molecular Medicine</i> , 2020, 12, e11303.	3.3	35
71	Sleep as a vital sign: why medical practitioners need to routinely ask their patients about sleep. <i>Sleep Health</i> , 2015, 1, 11-12.	1.3	34
72	A Randomized Trial of Conditioned or Unconditioned Gases for Stabilizing Preterm Infants at Birth. <i>Journal of Pediatrics</i> , 2018, 193, 47-53.	0.9	34

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73	Two-year outcomes of infants enrolled in the first-in-human study of amnion cells for bronchopulmonary dysplasia. <i>Stem Cells Translational Medicine</i> , 2020, 9, 289-294.	1.6	34
74	Couples' experiences with continuous positive airway pressure treatment: a dyadic perspective. <i>Sleep Health</i> , 2017, 3, 362-367.	1.3	32
75	Human amnion cells for the prevention of bronchopulmonary dysplasia: a protocol for a phase I dose escalation study. <i>BMJ Open</i> , 2019, 9, e026265.	0.8	32
76	Altered lung metabolism and mitochondrial DAMPs in lung injury due to acute kidney injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L821-L831.	1.3	32
77	Digital stethoscopes in paediatric medicine. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2019, 108, 814-822.	0.7	31
78	Online interprofessional simulation for undergraduate health professional students during the COVID-19 pandemic. <i>Journal of Interprofessional Care</i> , 2020, 34, 706-710.	0.8	31
79	Metformin Use in Diabetes Prior to Hospitalization: Effects on Mortality in Covid-19. <i>Endocrine Practice</i> , 2020, 26, 1166-1172.	1.1	31
80	Sleep in Chronic Obstructive Pulmonary Disease: Evidence Gaps and Challenges. <i>Canadian Respiratory Journal</i> , 2016, 2016, 1-5.	0.8	30
81	Altered cardiovascular function at birth in growth-restricted preterm lambs. <i>Pediatric Research</i> , 2016, 80, 538-546.	1.1	29
82	An In-Person and Telemedicine "Hybrid" System to Improve Cross-Border Critical Care in COVID-19. <i>Annals of Global Health</i> , 2021, 87, 1.	0.8	29
83	Sleep and Breathing "and Cancer?". <i>Cancer Prevention Research</i> , 2016, 9, 821-827.	0.7	28
84	Exosomal Cargo Properties, Endothelial Function and Treatment of Obesity Hypoventilation Syndrome: A Proof of Concept Study. <i>Journal of Clinical Sleep Medicine</i> , 2018, 14, 797-807.	1.4	27
85	Model-based estimation of loop gain using spontaneous breathing: A validation study. <i>Respiratory Physiology and Neurobiology</i> , 2014, 201, 84-92.	0.7	26
86	Impact of intrauterine growth restriction on preterm lung disease. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015, 104, e552-6.	0.7	26
87	Precision Medicine for Obstructive Sleep Apnea. <i>Sleep Medicine Clinics</i> , 2019, 14, 391-398.	1.2	26
88	Automatic EPAP intelligent volume-assured pressure support is effective in patients with chronic respiratory failure: A randomized trial. <i>Respirology</i> , 2019, 24, 1204-1211.	1.3	26
89	Neonatal Heart and Lung Sound Quality Assessment for Robust Heart and Breathing Rate Estimation for Telehealth Applications. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 4255-4266.	3.9	26
90	Adaptive Servoventilation as Treatment for Central Sleep Apnea Due to High-Altitude Periodic Breathing in Nonacclimatized Healthy Individuals. <i>High Altitude Medicine and Biology</i> , 2018, 19, 178-184.	0.5	25

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91	Female Physician Leadership During Cardiopulmonary Resuscitation Is Associated With Improved Patient Outcomes*. Critical Care Medicine, 2019, 47, e8-e13.	0.4	25
92	Does risk-based coagulation screening predict intraventricular haemorrhage in extreme premature infants?. Blood Coagulation and Fibrinolysis, 2012, 23, 532-536.	0.5	24
93	Knowledge Gaps in the Perioperative Management of Adults with Obstructive Sleep Apnea and Obesity Hypoventilation Syndrome. An Official American Thoracic Society Workshop Report. Annals of the American Thoracic Society, 2018, 15, 117-126.	1.5	24
94	Neuropathology as a consequence of neonatal ventilation in premature growth-restricted lambs. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2018, 315, R1183-R1194.	0.9	24
95	Intermittent Hypoxia and Hypercapnia Reproducibly Change the Gut Microbiome and Metabolome across Rodent Model Systems. MSystems, 2019, 4, .	1.7	24
96	The Effect of Upper Airway Surgery on Loop Gain in Obstructive Sleep Apnea. Journal of Clinical Sleep Medicine, 2019, 15, 907-913.	1.4	24
97	Adherence with positive airway pressure therapy for obstructive sleep apnea in developing vs. developed countries: a big data study. Journal of Clinical Sleep Medicine, 2021, 17, 703-709.	1.4	24
98	Aetiology, outcomes & predictors of mortality in acute respiratory distress syndrome from a tertiary care centre in north India. Indian Journal of Medical Research, 2016, 143, 782.	0.4	24
99	Continuous positive airway pressure device detects atrial fibrillation induced central sleep apnoea. Lancet, The, 2018, 392, 160.	6.3	23
100	High flow nasal cannula for continuous positive airway pressure weaning in preterm neonates: A single-centre experience. Journal of Paediatrics and Child Health, 2015, 51, 199-203.	0.4	22
101	Effects of Aging on Genioglossus Motor Units in Humans. PLoS ONE, 2014, 9, e104572.	1.1	22
102	Prenatal Cardiac Ultrasound Finding in Congenital Disorder of Glycosylation Type 1a. Fetal Diagnosis and Therapy, 2009, 25, 54-57.	0.6	21
103	First night of CPAP: impact on memory consolidation attention and subjective experience. Sleep Medicine, 2015, 16, 697-702.	0.8	21
104	Cardiovascular consequences of obstructive sleep apnea in women: a historical cohort study. Sleep Medicine, 2020, 68, 71-79.	0.8	21
105	Respiratory Physiology of Prone Positioning With and Without Inhaled Nitric Oxide Across the Coronavirus Disease 2019 Acute Respiratory Distress Syndrome Severity Spectrum. , 2021, 3, e0471.		21
106	Usefulness of Low Cardiac Index to Predict Sleep-Disordered Breathing in Chronic Thromboembolic Pulmonary Hypertension. American Journal of Cardiology, 2016, 117, 1001-1005.	0.7	20
107	Upper airway dynamic imaging during tidal breathing in awake and asleep subjects with obstructive sleep apnea and healthy controls. Physiological Reports, 2018, 6, e13711.	0.7	20
108	Neurovascular effects of umbilical cord blood-derived stem cells in growth-restricted newborn lambs. Stem Cell Research and Therapy, 2020, 11, 17.	2.4	20

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109	Early detection of cerebral palsy in high-risk infants: Translation of evidence into practice in an Australian hospital. <i>Journal of Paediatrics and Child Health</i> , 2021, 57, 246-250.	0.4	20
110	Ventilation-induced lung injury is not exacerbated by growth restriction in preterm lambs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 310, L213-L223.	1.3	19
111	Connecting insomnia, sleep apnoea and depression. <i>Respirology</i> , 2017, 22, 1249-1250.	1.3	19
112	Introduction of an undergraduate interprofessional simulation based skills training program in obstetrics and gynaecology in India. <i>Advances in Simulation</i> , 2019, 4, 6.	1.0	19
113	Adaptive Potential of the Heme Oxygenase/Carbon Monoxide Pathway During Hypoxia. <i>Frontiers in Physiology</i> , 2020, 11, 886.	1.3	19
114	Pulmonary Complications in Hematopoietic Stem Cell Transplant Recipients—A Clinician Primer. <i>Journal of Clinical Medicine</i> , 2021, 10, 3227.	1.0	19
115	Randomized Controlled Trial of Solriamfetol for Excessive Daytime Sleepiness in OSA. <i>Chest</i> , 2021, 160, 307-318.	0.4	19
116	Bilious vomiting in the newborn: 6-years data from a Level III Centre. <i>Journal of Paediatrics and Child Health</i> , 2010, 46, 259-261.	0.4	18
117	Inpatient outcomes of preterm infants receiving 1%–3 enriched lipid emulsion (SMOFlipid): an observational study. <i>European Journal of Pediatrics</i> , 2018, 177, 723-731.	1.3	18
118	Pathogenesis of obstructive sleep apnea in individuals with the COPD+OSA Overlap syndrome versus OSA alone. <i>Physiological Reports</i> , 2020, 8, e14371.	0.7	18
119	Effects of acetazolamide on control of breathing in sleep apnea patients: Mechanistic insights using meta-analyses and physiological model simulations. <i>Physiological Reports</i> , 2021, 9, e15071.	0.7	18
120	CrossTalk opposing view: Loop gain is not a consequence of obstructive sleep apnoea. <i>Journal of Physiology</i> , 2014, 592, 2903-2905.	1.3	17
121	Overview of proteomics studies in obstructive sleep apnea. <i>Sleep Medicine</i> , 2015, 16, 437-445.	0.8	17
122	Effects of antenatal melatonin therapy on lung structure in growth-restricted newborn lambs. <i>Journal of Applied Physiology</i> , 2017, 123, 1195-1203.	1.2	17
123	Mobile obstetric and neonatal simulation based skills training in India. <i>Midwifery</i> , 2019, 72, 14-22.	1.0	17
124	Evaluation of an In-Situ Neonatal Resuscitation Simulation Program Using the New World Kirkpatrick Model. <i>Clinical Simulation in Nursing</i> , 2021, 50, 27-37.	1.5	17
125	Individuals With Scleroderma May Have Increased Risk of Sleep-Disordered Breathing. <i>Journal of Clinical Sleep Medicine</i> , 2019, 15, 1665-1669.	1.4	17
126	Screening for Obstructive Sleep Apnea in a Diverse Bariatric Surgery Population. <i>Obesity</i> , 2020, 28, 2028-2034.	1.5	16

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127	Sleep Quality and Nocturnal Symptoms in a Community-Based COPD Cohort. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2020, 17, 40-48.	0.7	16
128	The Effect of Continuous Positive Airway Pressure on Vascular Function and Cardiac Structure in Diabetes and Sleep Apnea. A Randomized Controlled Trial. <i>Annals of the American Thoracic Society</i> , 2020, 17, 474-483.	1.5	16
129	REM-related obstructive sleep apnea: when does it matter? Effect on motor memory consolidation versus emotional health. <i>Journal of Clinical Sleep Medicine</i> , 2020, 16, 377-384.	1.4	16
130	<i>Streptococcus pneumoniae</i> sepsis in the newborn. <i>Journal of Paediatrics and Child Health</i> , 2012, 48, E79-83.	0.4	15
131	Central sleep apnoea in congestive heart failure. <i>Lancet Respiratory Medicine</i> , 2015, 3, 507-508.	5.2	15
132	Advanced MRI analysis to detect white matter brain injury in growth restricted newborn lambs. <i>NeuroImage: Clinical</i> , 2019, 24, 101991.	1.4	15
133	The effect of isolated nocturnal oxygen desaturations on serum hsCRP and IL6 in patients with chronic obstructive pulmonary disease. <i>Clinical Respiratory Journal</i> , 2019, 13, 120-124.	0.6	15
134	Revisiting the mechanism of hypoxic pulmonary vasoconstriction using isolated perfused/ventilated mouse lung. <i>Pulmonary Circulation</i> , 2020, 10, 1-18.	0.8	15
135	Is Increased Sleep Responsible for Reductions in Myocardial Infarction During the COVID-19 Pandemic?. <i>American Journal of Cardiology</i> , 2020, 131, 128-130.	0.7	15
136	Inpatient use of metformin and acarbose is associated with reduced mortality of COVID-19 patients with type 2 diabetes mellitus. <i>Endocrinology, Diabetes and Metabolism</i> , 2022, 5, e00301.	1.0	15
137	Umbilical Cord Blood and Cord Tissue-Derived Cell Therapies for Neonatal Morbidities: Current Status and Future Challenges. <i>Stem Cells Translational Medicine</i> , 2022, 11, 135-145.	1.6	15
138	Does fetal growth restriction lead to increased brain injury as detected by neonatal cranial ultrasound in premature infants?. <i>Journal of Paediatrics and Child Health</i> , 2015, 51, 1103-1108.	0.4	14
139	Octreotide Use in Neonates: A Case Series. <i>Drugs in R and D</i> , 2018, 18, 191-198.	1.1	14
140	OSA Endotypes: What Are They and What Are Their Potential Clinical Implications?. <i>Current Sleep Medicine Reports</i> , 2018, 4, 231-242.	0.7	14
141	Temporal variations in bacterial community diversity and composition throughout intensive care unit renovations. <i>Microbiome</i> , 2020, 8, 86.	4.9	14
142	Combined intermittent and sustained hypoxia is a novel and deleterious cardio-metabolic phenotype. <i>Sleep</i> , 2022, 45, .	0.6	14
143	Excess neuropeptides in lung signal through endothelial cells to impair gas exchange. <i>Developmental Cell</i> , 2022, 57, 839-853.e6.	3.1	14
144	Type 2 immune polarization is associated with cardiopulmonary disease in preterm infants. <i>Science Translational Medicine</i> , 2022, 14, eaaz8454.	5.8	14

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145	Tailored treatment strategies for obstructive sleep apnea. <i>Respiratory Investigation</i> , 2016, 54, 2-7.	0.9	13
146	Mechanisms of the deep, slow-wave, sleep-related increase of upper airway muscle tone in healthy humans. <i>Journal of Applied Physiology</i> , 2017, 122, 1304-1312.	1.2	13
147	Catecholaminergic A1/C1 neurons contribute to the maintenance of upper airway muscle tone but may not participate in NREM sleep-related depression of these muscles. <i>Respiratory Physiology and Neurobiology</i> , 2017, 244, 41-50.	0.7	13
148	Predictors of Acute Liver Failure in Patients With Acute Hepatitis A: An Analysis of the 2016-2018 San Diego County Hepatitis A Outbreak. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz467.	0.4	13
149	Tools to assess lung aeration in neonates with respiratory distress syndrome. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020, 109, 667-678.	0.7	13
150	Assessment of breath sounds at birth using digital stethoscope technology. <i>European Journal of Pediatrics</i> , 2020, 179, 781-789.	1.3	13
151	OSA as a probable risk factor for severe COVID-19. <i>Journal of Clinical Sleep Medicine</i> , 2020, 16, 1649-1649.	1.4	13
152	Autologous transplantation of umbilical cord blood-derived cells in extreme preterm infants: protocol for a safety and feasibility study. <i>BMJ Open</i> , 2020, 10, e036065.	0.8	13
153	A pilot study investigating the effects of continuous positive airway pressure treatment and weight-loss surgery on autonomic activity in obese obstructive sleep apnea patients. <i>Journal of Electrocardiology</i> , 2014, 47, 364-373.	0.4	12
154	Effect of kidney transplantation on sleep-disordered breathing in patients with End Stage Renal Disease: a polysomnographic study. <i>Sleep Medicine</i> , 2018, 45, 140-145.	0.8	12
155	Sleep in the Intensive Care Unit: Strategies for Improvement. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2019, 40, 614-628.	0.8	12
156	Accelerometer-Measured Sleep Duration and Clinical Cardiovascular Risk Factor Scores in Older Women. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1771-1778.	1.7	12
157	Acoustic analysis of neonatal breath sounds using digital stethoscope technology. <i>Pediatric Pulmonology</i> , 2020, 55, 624-630.	1.0	12
158	Medical and ethical considerations in twin pregnancies discordant for serious cardiac disease. <i>Journal of Perinatology</i> , 2009, 29, 662-667.	0.9	11
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