

Clinical review: The impact of noise on patients' sleep and reduction strategies in intensive care units

Critical Care

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Filtering out the noise: evaluating the impact of noise and sound reduction strategies on sleep quality for ICU patients. <i>Critical Care</i> , 2009, 13, 151.	2.5	32
2	Environmental Design for Patient Families in Intensive Care Units. <i>Journal of Healthcare Engineering</i> , 2010, 1, 367-397.	1.1	14
3	Ruínas na unidade de terapia intensiva: quantificação e percepção dos profissionais de saúde. <i>Revista Brasileira De Terapia Intensiva</i> , 2010, 22, 369-374.	0.1	10
5	Sound Intensity and Noise Evaluation in a Critical Care Unit. <i>American Journal of Critical Care</i> , 2010, 19, e88-e98.	0.8	80
6	Effects of earplugs and eye masks on nocturnal sleep, melatonin and cortisol in a simulated intensive care unit environment. <i>Critical Care</i> , 2010, 14, R66.	2.5	152
7	Increasing Clinical Presence of Mobile Communication Technology: Avoiding the Pitfalls. <i>Telemedicine Journal and E-Health</i> , 2011, 17, 656-661.	1.6	46
8	Same-Handed and Mirrored Unit Configurations. <i>Journal of Nursing Administration</i> , 2011, 41, 273-279.	0.7	16
9	Sleep promotion in the intensive care unit—A survey of nurses' interventions. <i>Intensive and Critical Care Nursing</i> , 2011, 27, 138-142.	1.4	47
10	Sleep Disturbances and Fatigue in Critically Ill Patients. <i>AACN Advanced Critical Care</i> , 2011, 22, 204-224.	0.6	52
11	Sleep as a Moderating Value in Healthcare Facility Design. <i>Herd</i> , 2012, 6, 122-142.	0.9	0
12	Diagnostic Yield of Sleep and Sleep Deprivation on the EEG in Epilepsy. <i>Sleep Medicine Clinics</i> , 2012, 7, 91-98.	1.2	0
13	Sleep Deprivation in Critical Illness. <i>Journal of Intensive Care Medicine</i> , 2012, 27, 97-111.	1.3	348
14	Eye masks and earplugs improve patient's perception of sleep. <i>Nursing in Critical Care</i> , 2012, 17, 247-254.	1.1	69
15	The sound environment in an ICU patient room—A content analysis of sound levels and patient experiences. <i>Intensive and Critical Care Nursing</i> , 2012, 28, 269-279.	1.4	71
16	Meanings of Being Critically Ill in a Sound-Intensive ICU Patient Room - A Phenomenological Hermeneutical Study. <i>Open Nursing Journal</i> , 2012, 6, 108-116.	0.2	39
17	Sleep rounds: A multidisciplinary approach to optimize sleep quality and satisfaction in hospitalized patients. <i>Journal of Hospital Medicine</i> , 2012, 7, 508-512.	0.7	33
18	Sound field of typical single-bed hospital wards. <i>Applied Acoustics</i> , 2012, 73, 884-892.	1.7	11
19	Advancing critical care: time to kiss the right frog. <i>Critical Care</i> , 2013, 17, S3.	2.5	5

#	ARTICLE	IF	CITATIONS
20	NICE CG83 "rehabilitation after critical illness: implementation across a network. Nursing in Critical Care, 2013, 18, 32-42.	1.1	12
21	Quiet Time in a Pediatric Medical/Surgical Setting. Journal of Pediatric Nursing, 2013, 28, 400-405.	0.7	7
22	Behavior observation of major noise sources in critical care wards. Journal of Critical Care, 2013, 28, 1109.e5-1109.e18.	1.0	18
23	The Pain, Agitation, and Delirium Care Bundle. Critical Care Medicine, 2013, 41, S99-S115.	0.4	116
24	Daily Electrode Change and Effect on Cardiac Monitor Alarms. Journal of Nursing Care Quality, 2013, 28, 265-271.	0.5	70
25	Human Factors Issues in the Intensive Care Unit. AACN Advanced Critical Care, 2013, 24, 405-414.	0.6	2
26	Do Earplugs and Eye Masks Affect Sleep and Delirium Outcomes in the Critically Ill?. American Journal of Critical Care, 2013, 22, 357-360.	0.8	17
27	Clinical Practice Guidelines for the Management of Pain, Agitation, and Delirium in Adult Patients in the Intensive Care Unit. Critical Care Medicine, 2013, 41, 263-306.	0.4	3,066
28	The Effect of a Quality Improvement Intervention on Perceived Sleep Quality and Cognition in a Medical ICU*. Critical Care Medicine, 2013, 41, 800-809.	0.4	268
29	RuÃdo em hospital universitÃrio: impacto na qualidade de vida. Audiology: Communication Research, 2013, 18, 109-119.	0.1	7
30	The effect of sleep quality on patients in a coronary care unit. British Journal of Cardiac Nursing, 2013, 8, 443-447.	0.0	3
31	Developing, Implementing, and Evaluating a Multifaceted Quality Improvement Intervention to Promote Sleep in an ICU. American Journal of Medical Quality, 2014, 29, 546-554.	0.2	45
32	Innovative Designs for the Smart ICU. Chest, 2014, 145, 646-658.	0.4	54
33	The Influence of "Quiet Time" for Patients in Critical Care. Clinical Nursing Research, 2014, 23, 544-559.	0.7	29
34	Sedative and Analgesic Use on Night and Day Shifts in a Pediatric Cardiovascular Intensive Care Unit. AACN Advanced Critical Care, 2014, 25, 114-118.	0.6	4
35	Noise in the ICU. Nurs Crit Care (Ambler), 2014, 9, 29-35.	0.3	10
37	Analysis of the soundscape in an intensive care unit based on the annotation of an audio recording. Journal of the Acoustical Society of America, 2014, 135, 1875-1886.	0.5	50
38	Earplugs and eye masks vs routine care prevent sleep impairment in post-anaesthesia care unit: a randomized study. British Journal of Anaesthesia, 2014, 112, 89-95.	1.5	93

#	ARTICLE	IF	CITATIONS
39	Auditory and non-auditory effects of noise on health. <i>Lancet, The</i> , 2014, 383, 1325-1332.	6.3	1,418
40	Towards the acoustical characterisation of an Intensive Care Unit. <i>Applied Acoustics</i> , 2014, 79, 124-130.	1.7	8
41	Noise at night in hospital general wards: a mapping of the literature. <i>British Journal of Nursing</i> , 2015, 24, 536-540.	0.3	23
42	A Model of Clinical Alarm Errors in Hospital. <i>Biomedical Instrumentation and Technology</i> , 2015, 49, 280-291.	0.2	6
43	Approaches of intensive care nurses towards sensory requirements of patients. <i>Journal of Clinical Nursing</i> , 2015, 24, 3186-3196.	1.4	2
44	The effectiveness of environmental strategies on noise reduction in a pediatric intensive care unit: Creation of singleâ€patient bedrooms and reducing noise sources. <i>Journal for Specialists in Pediatric Nursing</i> , 2015, 20, 210-217.	0.6	10
45	Effect of "quiet time" to reduce noise at the neonatal intensive care unit. <i>Escola Anna Nery</i> , 2015, 19, .	0.2	8
46	Effect of Low Frequency Noise on Fundic Mucosa of Adult Male Albino Rats and the Role of Vitamin E Supplementation (Histological and Immunohistochemical Study). , 2015, 05, .		2
47	Appraisal of indoor environmental quality (IEQ) in healthcare facilities: A literature review. <i>Sustainable Cities and Society</i> , 2015, 17, 61-68.	5.1	76
48	ICBEN review of research on the biological effects of noise 2011-2014. <i>Noise and Health</i> , 2015, 17, 57.	0.4	87
49	The role of sleep hygiene in promoting public health: A review of empirical evidence. <i>Sleep Medicine Reviews</i> , 2015, 22, 23-36.	3.8	560
50	The Effectiveness of Measures Aimed at Noise Reduction in an Intensive Care Unit. <i>Workplace Health and Safety</i> , 2015, 63, 539-545.	0.7	21
51	Circadian Dysrhythmias in the Intensive Care Unit. <i>Critical Care Clinics</i> , 2015, 31, 393-402.	1.0	15
52	The influence of APACHE II score on the average noise level in an intensive care unit: an observational study. <i>BMC Anesthesiology</i> , 2015, 15, 42.	0.7	8
53	Sleeping on a problem: the impact of sleep disturbance on intensive care patients - a clinical review. <i>Annals of Intensive Care</i> , 2015, 5, 3.	2.2	79
54	Impact of Noise on Nurses in Pediatric Intensive Care Units. <i>American Journal of Critical Care</i> , 2015, 24, 377-384.	0.8	26
55	Effects of cognitive behavioral therapy in patients with depressive disorder and comorbid insomnia: A propensity score-matched outcome study. <i>Behaviour Research and Therapy</i> , 2015, 73, 143-150.	1.6	15
56	A protocol for developing early warning score models from vital signs data in hospitals using ensembles of decision trees. <i>BMJ Open</i> , 2015, 5, e008699.	0.8	14

#	ARTICLE	IF	CITATIONS
57	Noise Levels in Patient Rooms and at Nursing Stations at Three VA Medical Centers. <i>Herd</i> , 2015, 9, 54-63.	0.9	16
58	Sound Pressure Levels in 2 Veterinary Intensive Care Units. <i>Journal of Veterinary Internal Medicine</i> , 2015, 29, 1013-1021.	0.6	14
59	Current approach to diagnosis and treatment of delirium after cardiac surgery. <i>Annals of Cardiac Anaesthesia</i> , 2016, 19, 328.	0.3	37
60	Effect of White Noise on Sleep in Patients Admitted to a Coronary Care. <i>Journal of Caring Sciences</i> , 2016, 5, 103-109.	0.5	50
61	The therapeutic impacts of environmental design interventions on wellness in clinical settings: A narrative review. <i>Complementary Therapies in Clinical Practice</i> , 2016, 24, 174-188.	0.7	65
62	Psychoacoustic analysis of noise and the application of earplugs in an ICU. <i>European Journal of Anaesthesiology</i> , 2016, 33, 14-21.	0.7	15
63	Low-dose Dexmedetomidine Improves Sleep Quality Pattern in Elderly Patients after Noncardiac Surgery in the Intensive Care Unit. <i>Anesthesiology</i> , 2016, 125, 979-991.	1.3	159
64	Excessive noise in intensive care units. <i>BMJ, The</i> , 2016, 353, i1956.	3.0	27
65	A PICU patient safety checklist: rate of utilization and impact on patient care. <i>International Journal for Quality in Health Care</i> , 2016, 28, 371-375.	0.9	11
66	Efficacy of Sleep Tool Education During Hospitalization: A Randomized Controlled Trial. <i>American Journal of Medicine</i> , 2016, 129, 1329.e9-1329.e17.	0.6	19
67	Exploring the effect of sound and music on health in hospital settings: A narrative review. <i>International Journal of Nursing Studies</i> , 2016, 63, 82-100.	2.5	70
68	Making Time for Quiet. <i>American Journal of Critical Care</i> , 2016, 25, 552-555.	0.8	3
69	Shining a Light on the Problem of Circadian Phase Disruption in the Critically Ill*. <i>Critical Care Medicine</i> , 2016, 44, 248-249.	0.4	1
70	A prospective analysis of sleep deprivation and disturbance in surgical patients. <i>Annals of Medicine and Surgery</i> , 2016, 6, 1-5.	0.5	78
71	An investigation of light and sound levels on intensive care units in China. <i>Australian Critical Care</i> , 2016, 29, 62-67.	0.6	25
72	A systematic review of sleep in hospitalized pediatric cancer patients. <i>Psycho-Oncology</i> , 2017, 26, 1059-1069.	1.0	34
73	Discharge recommendation based on a novel technique of homeostatic analysis. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017, 24, 24-29.	2.2	12
74	Calidad del sueÃ±o en pacientes sometidos a cirugÃ­a cardiaca durante el postoperatorio en cuidados intensivos. <i>EnfermerÃ­a Intensiva</i> , 2017, 28, 114-124.	0.6	8

#	ARTICLE	IF	CITATIONS
75	Effect of nocturnal sound reduction on the incidence of delirium in intensive care unit patients: An interrupted time series analysis. <i>Intensive and Critical Care Nursing</i> , 2017, 41, 18-25.	1.4	51
76	Postoperative Sleep Disturbances. <i>Advances in Anesthesia</i> , 2017, 35, 1-24.	0.5	22
77	Sound as a supportive design intervention for improving health care experience in the clinical ecosystem: A qualitative study. <i>Complementary Therapies in Clinical Practice</i> , 2017, 29, 58-96.	0.7	28
78	Quality of sleep in patients undergoing cardiac surgery during the postoperative period in intensive care. <i>EnfermerAa Intensiva (English Ed)</i> , 2017, 28, 114-124.	0.1	8
79	Improving the Patient's Experience With a Multimodal Quiet-at-Night Initiative. <i>Journal of Nursing Care Quality</i> , 2017, 32, 134-140.	0.5	17
80	Perceived and actual noise levels in critical care units. <i>Intensive and Critical Care Nursing</i> , 2017, 38, 18-23.	1.4	16
81	Using Actigraphy and mHealth Systems for an Objective Analysis of Sleep Quality on Systemic Lupus Erythematosus Patients. <i>Methods of Information in Medicine</i> , 2017, 56, 171-179.	0.7	10
82	The nocturnal acoustical intensity of the intensive care environment: an observational study. <i>Journal of Intensive Care</i> , 2017, 5, 41.	1.3	34
83	An experimental model to measure the ability of headphones with active noise control to reduce patient's exposure to noise in an intensive care unit. <i>Intensive Care Medicine Experimental</i> , 2017, 5, 47.	0.9	15
84	Effect of a Quality Improvement Project to Reduce Noise in a Pediatric Unit. <i>MCN the American Journal of Maternal Child Nursing</i> , 2018, 43, 83-88.	0.3	3
85	Acoustic environments of patient room in a typical geriatric ward. <i>Applied Acoustics</i> , 2018, 133, 186-193.	1.7	10
86	Systematic review of the effects of intensive-care-unit noise on sleep of healthy subjects and the critically ill. <i>British Journal of Anaesthesia</i> , 2018, 120, 443-452.	1.5	39
87	Sleep in Hospitalized Older Adults. <i>Sleep Medicine Clinics</i> , 2018, 13, 127-135.	1.2	65
88	Assessment and characterization of sound pressure levels in Portuguese neonatal intensive care units. <i>Archives of Environmental and Occupational Health</i> , 2018, 73, 121-127.	0.7	18
89	Improve postoperative sleep. <i>Current Opinion in Anaesthesiology</i> , 2018, 31, 83-88.	0.9	112
90	Assessment of community noise at commercial business area (government buildings) in the vicinity of Penang International Airport. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	1
91	Managing alarm systems for quality and safety in the hospital setting. <i>BMJ Open Quality</i> , 2018, 7, e000202.	0.4	50
92	The Care Quality Commission reveals that inpatient care is improving. <i>British Journal of Nursing</i> , 2018, 27, 838-839.	0.3	0

#	ARTICLE	IF	CITATIONS
93	Sleep Environment and Insomnia in Elderly Persons Living at Home. <i>Journal of Aging Research</i> , 2018, 2018, 1-7.	0.4	14
94	Ultrasound in airâ€”Guidelines, applications, public exposures, and claims of attacks in Cuba and China. <i>Journal of the Acoustical Society of America</i> , 2018, 144, 2473-2489.	0.5	10
95	Effect of Intravenous Oxycodone in Combination With Different Doses of Dexmedetomidine on Sleep Quality and Visceral Pain in Patients After Abdominal Surgery. <i>Clinical Journal of Pain</i> , 2018, 34, 1126-1132.	0.8	19
96	Reducing sound and light exposure to improve sleep on the adult intensive care unit: An inclusive narrative review. <i>Journal of the Intensive Care Society</i> , 2018, 19, 138-146.	1.1	31
97	â€œThey can rest at homeâ€” an observational study of patientsâ€™ quality of sleep in an Australian hospital. <i>BMC Health Services Research</i> , 2018, 18, 524.	0.9	60
98	Circadian Rhythm and Alzheimerâ€™s Disease. <i>Medical Sciences (Basel, Switzerland)</i> , 2018, 6, 52.	1.3	42
99	Clinical chronobiology: a timely consideration in critical care medicine. <i>Critical Care</i> , 2018, 22, 124.	2.5	64
100	Creating Naptime. <i>Journal of Patient Experience</i> , 2018, 5, 180-187.	0.4	22
101	<i>SoundEar</i> noise warning devices cause a sustained reduction in ambient noise in adult critical care. <i>Journal of the Intensive Care Society</i> , 2019, 20, 106-110.	1.1	18
102	Living and Working in a Multisensory World: From Basic Neuroscience to the Hospital. <i>Multimodal Technologies and Interaction</i> , 2019, 3, 2.	1.7	6
103	Better Sleep Experience for the Critically Ill: A Comprehensive Strategy for Designing Hospital Soundscapes. <i>Multimodal Technologies and Interaction</i> , 2019, 3, 36.	1.7	5
104	Utilisation of building information modelling for indoor environmental quality assessment â€” A review. <i>IOP Conference Series: Earth and Environmental Science</i> , 0, 220, 012051.	0.2	1
105	Admission/Discharge Criterion for Acute Care Surgery Patients in the ICU: A General Review of ICU Admission and Discharge Indications. <i>Hot Topics in Acute Care Surgery and Trauma</i> , 2019, , 1-21.	0.1	1
106	Psychogenic stress in hospitalized veterinary patients: Causation, implications, and therapies. <i>Journal of Veterinary Emergency and Critical Care</i> , 2019, 29, 107-120.	0.4	22
107	A Review of Environmental Barriers to Obtaining Adequate Sleep in the Military Operational Context. <i>Military Medicine</i> , 2019, 184, e259-e266.	0.4	28
108	MSN perceptions of practice-based problems and research-based interventions. <i>Journal of Professional Nursing</i> , 2019, 35, 499-504.	1.4	0
109	The effectiveness of noise interventions in the ICU. <i>Current Opinion in Anaesthesiology</i> , 2019, 32, 144-149.	0.9	32
110	Effectiveness of a visual noise warning system on noise levels in a surgical ICU. <i>European Journal of Anaesthesiology</i> , 2019, 36, 857-862.	0.7	16

#	ARTICLE	IF	CITATIONS
111	Daily Electrocardiogram Electrode Change and the Effect on Frequency of Nuisance Alarms. <i>Dimensions of Critical Care Nursing</i> , 2019, 38, 187-191.	0.4	2
112	Effects of indoor environmental parameters related to building heating, ventilation, and air conditioning systems on patients' medical outcomes: A review of scientific research on hospital buildings. <i>Indoor Air</i> , 2019, 29, 161-176.	2.0	78
113	What's all that noise? Improving the hospital soundscape. <i>Journal of Clinical Monitoring and Computing</i> , 2019, 33, 557-562.	0.7	21
114	Healing built-environment effects on health outcomes: environment-occupant-health framework. <i>Building Research and Information</i> , 2019, 47, 747-766.	2.0	58
115	Machine learning applied to multi-sensor information to reduce false alarm rate in the ICU. <i>Journal of Clinical Monitoring and Computing</i> , 2020, 34, 339-352.	0.7	19
116	Automated False Alarm Reduction in a Real-Life Intensive Care Setting Using Motion Detection. <i>Neurocritical Care</i> , 2020, 32, 419-426.	1.2	16
117	Stroke Patients' Experiences in an Adaptive Healing Room in a Stroke Rehabilitation Unit. <i>Herd</i> , 2020, 13, 170-185.	0.9	3
118	Noise environments in nursing homes: An overview of the literature and a case study in Flanders with quantitative and qualitative methods. <i>Applied Acoustics</i> , 2020, 159, 107103.	1.7	28
119	The importance of the intensive care unit environment in sleep: A study with healthy participants. <i>Journal of Sleep Research</i> , 2020, 29, e12959.	1.7	6
120	Providing Evidence-Based Care, Day and Night: A Quality Improvement Initiative to Improve Intensive Care Unit Patient Sleep Quality. <i>Journal of Intensive Care Medicine</i> , 2021, 36, 1450-1457.	1.3	4
121	Incidence and Risk Factors for Delirium in Older Patients Following Intensive Care Unit Admission: A Prospective Observational Study. <i>The Journal of Nursing Research: JNR</i> , 2020, 28, e101.	0.7	14
122	Associations between stressors and difficulty sleeping in critically ill patients admitted to the intensive care unit: a cohort study. <i>BMC Health Services Research</i> , 2020, 20, 631.	0.9	13
123	Sleep and Delirium in Older Adults. <i>Current Sleep Medicine Reports</i> , 2020, 6, 136-148.	0.7	17
124	Promoting Sleep in the Intensive Care Unit. <i>SAGE Open Nursing</i> , 2020, 6, 237796082093020.	0.5	6
125	Influence of the Acoustic Environment in Hospital Wards on Patient Physiological and Psychological Indices. <i>Frontiers in Psychology</i> , 2020, 11, 1600.	1.1	17
126	Noise in an inpatient hospital ward in New Zealand. <i>Building Acoustics</i> , 2020, 27, 299-309.	1.1	3
127	Alarm Strategies and Surveillance for Mechanical Ventilation. <i>Respiratory Care</i> , 2020, 65, 820-831.	0.8	3
128	<p>>The Effects of Intraoperative Dexmedetomidine Use and Its Different Dose on Postoperative Sleep Disturbance in Patients Who Have Undergone Non-Cardiac Major Surgery: A Real-World Cohort Study</p>. <i>Nature and Science of Sleep</i> , 2020, Volume 12, 209-219.	1.4	14

#	ARTICLE	IF	CITATIONS
129	Application of a Prediction Model for Ambient Noise Levels and Acoustical Capacity for Living Rooms in Nursing Homes Hosting Older People with Dementia. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4205.	1.3	6
130	<p>Music Therapy as a Potential Intervention for Sleep Improvement</p>. <i>Nature and Science of Sleep</i> , 2020, Volume 12, 1-9.	1.4	37
131	Circadian and sleep dysfunction in Alzheimerâ€™s disease. <i>Ageing Research Reviews</i> , 2020, 60, 101046.	5.0	99
132	Increased Patient Satisfaction in the Postanesthesia Care Unit with the Implementation of a Controlled Noise Reduction Program. <i>Journal of Perianesthesia Nursing</i> , 2021, 36, 3-7.	0.3	1
133	Noise in Maternity Wards: A Research on Its Contributors and Sources. <i>Herd</i> , 2021, 14, 192-203.	0.9	6
134	Effect of noise and light levels on sleep of intensive care unit patients. <i>Nursing in Critical Care</i> , 2021, 26, 73-78.	1.1	16
135	The feasibility and reliability of actigraphy to monitor sleep in intensive care patients: an observational study. <i>Critical Care</i> , 2021, 25, 42.	2.5	16
137	Impact of a sleep promotion protocol on offâ€pump coronary artery bypass graft patients. <i>Nursing in Critical Care</i> , 2021, , .	1.1	2
139	Achieving Noise Reduction With a Novel Lower Limb External Mechanical Compression System. <i>Ergonomics in Design</i> , 0, , 106480462110166.	0.4	1
140	Noise Experience Status and Response to Noise of Patients and Nursing Staff in the ICU. <i>Journal of the Korean Academy of Fundamentals of Nursing</i> , 2021, 28, 207-217.	0.1	1
141	Physical sleeping environment is related to insomnia risk and measures of readiness in US army special operations soldiers. <i>BMJ Military Health</i> , 2023, 169, 316-320.	0.4	1
142	Sleep and anaesthesia: Still a subject of research!. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2021, 40, 100928.	0.6	0
143	Towards altering sound frequency at will by a linear meta-layer with time-varying and quantized properties. <i>Communications Physics</i> , 2021, 4, .	2.0	4
144	Association Between Sleep Duration and Functional Disability in Inpatient Stroke Rehabilitation: A Pilot Observational Study. <i>Archives of Rehabilitation Research and Clinical Translation</i> , 2021, 3, 100150.	0.5	2
145	Influence of architectural layouts on noise levels in Danish emergency departments. <i>Journal of Building Engineering</i> , 2021, 42, 102449.	1.6	2
148	The Effect of Use of Earplugs on Sleep Quality in Coronary Care Units Patients. <i>Journal of Holistic Nursing and Midwifery</i> , 2018, 28, 93-100.	0.1	7
149	Noise Pollution in Mosul Medical City Center Teaching Hospitals. <i>Annals of the College of Medicine Mosul</i> , 2013, 39, 32-37.	0.0	3
150	Human Factors Issues in the Intensive Care Unit. <i>AACN Advanced Critical Care</i> , 2013, 24, 405-414.	0.6	1

#	ARTICLE	IF	CITATIONS
152	Noise in hospital rooms and sleep disturbance in hospitalized medical patients. <i>Environmental Health and Toxicology</i> , 2014, 29, e2014006.	1.8	56
153	Noise Level by Type in Adult Intensive Care Units of a Tertiary Teaching Hospital in Korea. <i>Korean Journal of Adult Nursing</i> , 2020, 32, 1.	0.2	3
154	Evaluation of noise barriers based on geometries and materials: a review. <i>Environmental Science and Pollution Research</i> , 2022, 29, 1729-1745.	2.7	12
155	The Importance and Creation of High-Quality Sounds in Healthcare Applications. <i>Intelligent Systems Reference Library</i> , 2014, , 547-566.	1.0	2
156	Bau- und raumhygienische Anforderungen. , 2016, , 769-818.		0
157	Effect of White Noise on the Sleep of Elderly Patients Hospitalized in Coronary Care Units. <i>Salmand: Iranian Journal of Ageing</i> , 2016, 11, 44-51.	0.2	1
158	The Patient Experience. , 2017, , 117-123.		0
159	The importance of sleep hygiene in polycystic ovary syndrome from the view of Iranian traditional medicine and modern medicine. <i>International Journal of Preventive Medicine</i> , 2018, 9, 87.	0.2	4
160	Whoâ€™s My Doctor? Team-Based Management. , 2018, , 257-270.		0
162	Effect of the Training of Nurses on the Reduction of Noise Pollution in Intensive Care Units. <i>Nashriyyah-i ParastârÄ«-i ÄárÄn</i> , 2019, 31, 75-85.	0.2	0
163	Alarm Fatigue. , 2020, , 199-203.		0
164	Nursesâ€™ Influence on Patient Wellbeing. <i>Critical Care Nursing Clinics of North America</i> , 2020, 32, 327-334.	0.4	1
165	Circadian Hygiene in the ICU Environment (CHIE) study. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2020, 22, 361-369.	0.0	0
166	Single-Actuator Simultaneous Haptic Rendering for Multiple Vital Signs. <i>Lecture Notes in Computer Science</i> , 2020, , 261-270.	1.0	2
167	The Intensive Care Unit Environment: Impact and Prevention. , 2020, , 117-133.		1
168	Development and Application of an Intervention for Noise Reduction in Intensive Care Units. <i>Korean Journal of Adult Nursing</i> , 2020, 32, 584.	0.2	1
169	VENTILAÃƒO MECÃNICA, DESMAME VENTILATÃ“RIO E QUALIDADE DO SONO EM UTI: REVISÃO SISTEMÃTICA. <i>Revista Neurociencias</i> , 0, 28, 1-17.	0.0	0
170	The Effects of Sleep on Firefighter Occupational Performance and Health: A Systematic Review and Call for Action. <i>Sleep Epidemiology</i> , 2021, , 100014.	0.7	7

#	ARTICLE	IF	CITATIONS
171	The effect of earplugs and eye mask on patients' perceived sleep quality in intensive care unit. Iranian Journal of Nursing and Midwifery Research, 2014, 19, 673-8.	0.2	19
172	Investigating the application of motion accelerometers as a sleep monitoring technique and the clinical burden of the intensive care environment on sleep quality: study protocol for a prospective observational study in Australia. BMJ Open, 2018, 8, e019704.	0.8	1
173	Associations between indoor soundscapes, building services and window opening behaviour during the COVID-19 lockdown. Building Services Engineering Research and Technology, 2022, 43, 225-240.	0.9	9
174	The Influence of Audible Alarm Loudness and Type on Clinical Multitasking. Journal of Medical Systems, 2022, 46, 5.	2.2	8
175	Improving the Efficacy of Deep-Learning Models for Heart Beat Detection on Heterogeneous Datasets. Bioengineering, 2021, 8, 193.	1.6	4
176	The Efficacy of Eye Masks and Earplugs Interventions for Sleep Promotion in Critically Ill Patients: A Systematic Review and Meta-Analysis. Frontiers in Psychiatry, 2021, 12, 791342.	1.3	9
177	Improving critical care patients' sleep quality in a surgical high-dependency unit: An evidence-based practice project. Worldviews on Evidence-Based Nursing, 2022, , .	1.2	1
178	Impact of sound levels on physiological and consciousness state of cardiovascular patients. Nursing in Critical Care, 2022, 27, 240-250.	1.1	4
179	Editorial: Sound Perception and the Well-Being of Vulnerable Groups. Frontiers in Psychology, 2022, 13, 836946.	1.1	0
180	Effects of nursing interventions to improve inpatients' sleep in intensive and non-intensive care units: Findings from an umbrella review. Journal of Clinical Nursing, 2023, 32, 1963-1978.	1.4	4
182	Disinvestment in the presence of uncertainty: Description of a novel, multi-group, disinvestment trial design and protocol for an application to reduce or cease use of mobilisation alarms for preventing falls in hospitals. PLoS ONE, 2021, 16, e0261793.	1.1	3
183	Impact of a white noise app on sleep quality among critically ill patients. Nursing in Critical Care, 2021, , .	1.1	6
186	Investigating the application of motion accelerometers as a sleep monitoring technique and the clinical burden of the intensive care environment on sleep quality: study protocol for a prospective observational study in Australia. BMJ Open, 2018, 8, e019704.	0.8	6
188	Sleep in Hospitalized Older Adults. Sleep Medicine Clinics, 2022, 17, 223-232.	1.2	5
189	Sedative and Analgesic Use on Night and Day Shifts in a Pediatric Cardiovascular Intensive Care Unit. AACN Advanced Critical Care, 2014, 25, 114-118.	0.6	0
190	Adding Insult to Injury. Clinics in Chest Medicine, 2022, 43, 287-303.	0.8	1
191	Analysis of the Acoustic Comfort in Hospital: The Case of Maternity Rooms. Buildings, 2022, 12, 1117.	1.4	2
192	Cognitive Appraisal of Sleep and Brain Activation in Response to Sleep-Related Sounds in Healthy Adults. Nature and Science of Sleep, 0, Volume 14, 1407-1416.	1.4	0

#	ARTICLE	IF	CITATIONS
193	The Effect of Postoperative Pain Level on Sleep Quality in Patients who Undergo Major Urological Surgery. <i>Önün¼ Üniversitesi Sađl¼k Hizmetleri Meslek Y¼ksek Okulu Dergisi</i> , 2022, 10, 992-1003.	0.1	0
194	AvaliaçŁo da qualidade ac¼stica no entorno do Hospital Universit¼rio Clementino Fraga Filho (HUCFF). , 2019, 34, .		0
195	Modulating operating room music volume with the CanaryBox: A quality improvement initiative to improve anesthesia cliniciansâ€™ response times to alarms to improve quality of anesthetic care. <i>Human Factors in Healthcare</i> , 2022, 2, 100029.	0.5	2
196	Building a satisfactory indoor environment for healthcare facility occupants: A literature review. <i>Building and Environment</i> , 2023, 228, 109861.	3.0	5
197	The influence of patient characteristics on the alarm rate in intensive care units: a retrospective cohort study. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
198	Analysis of preoperative sleep quality and related influencing factors in cancer patients. <i>Supportive Care in Cancer</i> , 2023, 31, .	1.0	4
200	Perceived sounds and their reported level of disturbance in intensive care units: A multinational survey among healthcare professionals. <i>PLoS ONE</i> , 2022, 17, e0279603.	1.1	5
201	Evaluation of Noise Level in Intensive Care Units of Hospitals and Noise Mitigation Strategies, Case Study: Democratic Republic of Congo. <i>Buildings</i> , 2023, 13, 278.	1.4	5
202	Implementation of noise-reduction strategies and designated quiet time in an intensive care unit. <i>British Journal of Health Care Management</i> , 2023, 29, 1-9.	0.1	1
211	Impact of road traffic noise-a review. <i>AIP Conference Proceedings</i> , 2023, , .	0.3	0
218	Exploring the Effects of VR Activities on Stress Relief: A Comparison of Sitting-in-Silence, VR Meditation, and VR Smash Room. , 2023, , .		0