

The Use of Virtual Reality Technology in the Treatment Disorders

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Introduction. Harvard Review of Psychiatry, 2017, 25, 101-102. | 0.9 | 0 |
| 2 | Review of Use and Integration of Mobile Apps Into Psychiatric Treatments. Current Psychiatry Reports, 2017, 19, 96. | 2.1 | 68 |
| 3 | Applications of virtual reality in individuals with alcohol misuse: A systematic review. Addictive Behaviors, 2018, 81, 1-11. | 1.7 | 66 |
| 4 | Clinical Virtual Reality: Emerging Opportunities for Psychiatry. Focus (American Psychiatric) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 | 0.4 | 19 |
| 6 | Assessing and Treating Offenders with Mental Illness. , 2018, , 9-37. | | 7 |
| 7 | A prescription for “nature” – the potential of using virtual nature in therapeutics. Neuropsychiatric Disease and Treatment, 2018, Volume 14, 3001-3013. | 1.0 | 139 |
| 8 | Height Simulation in a Virtual Reality CAVE System: Validity of Fear Responses and Effects of an Immersion Manipulation. Frontiers in Human Neuroscience, 2018, 12, 372. | 1.0 | 50 |
| 9 | Virtual Reality for Anxiety Reduction Demonstrated by Quantitative EEG: A Pilot Study. Frontiers in Psychology, 2018, 9, 1280. | 1.1 | 101 |
| 10 | Virtual Reality Exercise for Anxiety and Depression: A Preliminary Review of Current Research in an Emerging Field. Journal of Clinical Medicine, 2018, 7, 42. | 1.0 | 137 |
| 11 | Virtual medicine: how virtual reality is easing pain, calming nerves and improving health. Medical Journal of Australia, 2018, 209, 245-247. | 0.8 | 30 |
| 12 | Developing a Digitally Informed Curriculum in Psychiatry Education and Clinical Practice. Academic Psychiatry, 2018, 42, 782-790. | 0.4 | 14 |
| 13 | Virtual reality for management of pain in hospitalized patients: A randomized comparative effectiveness trial. PLoS ONE, 2019, 14, e0219115. | 1.1 | 126 |
| 14 | Virtual offender: a pilot project on nurturing social work studentsâ€™ capacity to work with offenders. China Journal of Social Work, 2019, 12, 56-69. | 0.3 | 2 |
| 15 | Using biomechanics to investigate the effect of VR on eye vergence system. Applied Ergonomics, 2019, 81, 102883. | 1.7 | 31 |
| 16 | The Effect of Cycling Through a Projection-Based Virtual Environment System on Generalized Anxiety Disorder. Journal of Clinical Medicine, 2019, 8, 973. | 1.0 | 13 |
| 17 | A Literature Overview of Virtual Reality (VR) in Treatment of Psychiatric Disorders: Recent Advances and Limitations. Frontiers in Psychiatry, 2019, 10, 505. | 1.3 | 213 |
| 18 | Comprehensive review on virtual reality for the treatment of violence: implications for youth with schizophrenia. NPJ Schizophrenia, 2019, 5, 11. | 2.0 | 15 |
| 19 | Evaluation of a Mental Care System for Patients Recuperating in a Sterile Room after Hematopoietic Cell Transplantation. , 2019, 2019, 1314-1317. | | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 20 | A Visuo-Haptic Attention Training Game With Dynamic Adjustment of Difficulty. IEEE Access, 2019, 7, 68878-68891. | 2.6 | 14 |
| 21 | Therapeutic Virtual Reality for Nyctophobic Disorder. , 2019, , . | | 1 |
| 22 | Evaluation of a Mindfulness-Based Intervention With and Without Virtual Reality Dialectical Behavior Therapy® Mindfulness Skills Training for the Treatment of Generalized Anxiety Disorder in Primary Care: A Pilot Study. Frontiers in Psychology, 2019, 10, 55. | 1.1 | 93 |
| 23 | iSenseVR: bringing VR exposure therapy outside the laboratory. Journal of Enabling Technologies, 2019, 13, 123-134. | 0.7 | 1 |
| 24 | Difficulty factors for VR cognitive rehabilitation training “ Crossing a virtual road. Computers and Graphics, 2019, 83, 11-22. | 1.4 | 15 |
| 25 | Clinical Results Using Virtual Reality. Journal of Technology in Human Services, 2019, 37, 51-74. | 0.9 | 21 |
| 26 | Virtual Reality and Correctional Rehabilitation: A Game Changer. Criminal Justice and Behavior, 2019, 46, 1319-1336. | 1.1 | 17 |
| 27 | Participatory Design of VR Scenarios for Exposure Therapy. , 2019, , . | | 24 |
| 28 | Using Virtual Reality Environments to Augment Cognitive Behavioral Therapy for Fears and Phobias in Autistic Adults. Autism in Adulthood, 2019, 1, 134-145. | 4.0 | 41 |
| 29 | Deconstructing the Gestalt: Mechanisms of Fear, Threat, and Trauma Memory Encoding. Neuron, 2019, 102, 60-74. | 3.8 | 90 |
| 30 | Identifying Triggers of Alcohol Craving to Develop Effective Virtual Environments for Cue Exposure Therapy. Frontiers in Psychology, 2019, 10, 74. | 1.1 | 26 |
| 31 | User-Centered Virtual Reality for Promoting Relaxation: An Innovative Approach. Frontiers in Psychology, 2019, 10, 479. | 1.1 | 65 |
| 32 | A Randomised Controlled Feasibility Trial of Immersive Virtual Reality Treatment with Cognitive Behaviour Therapy for Specific Phobias in Young People with Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2019, 49, 1912-1927. | 1.7 | 58 |
| 33 | Virtual reality in social marketing: a process evaluation. Marketing Intelligence and Planning, 2019, 37, 806-820. | 2.1 | 36 |
| 34 | Mental health facility codesign: A new research method for integrating the service user voice in design processes using virtual reality. Annals of General Psychiatry, 2019, 32, e100061. | 1.1 | 9 |
| 35 | Virtual Reality Exposure Therapy in Patients with Obsessive-Compulsive Disorder. , 2019, , . | | 6 |
| 36 | Virtual Reality-Based Biofeedback and Guided Meditation in Rheumatology: A Pilot Study. ACR Open Rheumatology, 2019, 1, 667-675. | 0.9 | 28 |
| 37 | Engineering a Showcase of Virtual Reality Exposure Therapy. , 2019, , . | | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 38 | Virtual Reality to Improve the Experience of the Mohs Patientâ€”A Prospective Interventional Study. <i>Dermatologic Surgery</i> , 2019, 45, 1009-1018. | 0.4 | 22 |
| 39 | Causal Inference in Generalizable Environments: Systematic Representative Design. <i>Psychological Inquiry</i> , 2019, 30, 173-202. | 0.4 | 22 |
| 40 | Neuroscience of Virtual Reality: From Virtual Exposure to Embodied Medicine. <i>Cyberpsychology, Behavior, and Social Networking</i> , 2019, 22, 82-96. | 2.1 | 284 |
| 41 | Virtual Reality, Augmented Reality, and <i>In Vivo</i> Exposure Therapy: A Preliminary Comparison of Treatment Efficacy in Small Animal Phobia. <i>Cyberpsychology, Behavior, and Social Networking</i> , 2019, 22, 31-38. | 2.1 | 56 |
| 42 | Didactics of Smart Pedagogy. , 2019, , . | | 16 |
| 43 | Virtual Reality as a Learning Tool: How and Where to Start with Immersive Teaching. , 2019, , 353-369. | | 13 |
| 44 | A systematic review of technology-assisted interventions for co-morbid depression and substance use. <i>Journal of Telemedicine and Telecare</i> , 2019, 25, 131-141. | 1.4 | 18 |
| 46 | Virtual reality applications toward medical field. <i>Clinical Epidemiology and Global Health</i> , 2020, 8, 600-605. | 0.9 | 117 |
| 47 | Low-Cost Virtual Reality Headsets Reduce Perceived Pain in Healthy Adults: A Multicenter Randomized Crossover Trial. <i>Games for Health Journal</i> , 2020, 9, 129-136. | 1.1 | 12 |
| 48 | â€œHelp! Iâ€™m Afraid of Driving!â€”Review of Driving Fear and its Treatment. <i>Cognitive Therapy and Research</i> , 2020, 44, 420-444. | 1.2 | 14 |
| 49 | Virtual treatment for veteran social anxiety disorder: A comparison of 360Â° video and 3D virtual reality. <i>Journal of Technology in Human Services</i> , 2020, 38, 288-308. | 0.9 | 23 |
| 50 | A Personalised Emotion-Based Model for Relaxation in Virtual Reality. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6124. | 1.3 | 10 |
| 51 | The Effect of Virtual Reality on Preoperative Anxiety: A Meta-Analysis of Randomized Controlled Trials. <i>Journal of Clinical Medicine</i> , 2020, 9, 3151. | 1.0 | 43 |
| 52 | The feasibility of verbal and virtual reality exposure for youth with academic performance worry. <i>Journal of Anxiety Disorders</i> , 2020, 76, 102298. | 1.5 | 7 |
| 53 | Application of VR virtual reality in film and television post-production. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 750, 012163. | 0.3 | 0 |
| 54 | Effect of Virtual Reality on the EEG Sub-Band Frequency Powers of Autistic and Control groups. , 2020, , . | | 4 |
| 55 | Use of virtual reality for symptom management in solid-tumor patients with implications for primary brain tumor research: a systematic review. <i>Neuro-Oncology Practice</i> , 2020, 7, 477-489. | 1.0 | 10 |
| 56 | Innovative Analysis of Higher Vocational Education Model Based on Virtual Reality Technology. <i>Journal of Physics: Conference Series</i> , 2020, 1533, 022097. | 0.3 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 57 | Utilization of virtual reality content for laboratory practicum learning. IOP Conference Series: Materials Science and Engineering, 2020, 732, 012087. | 0.3 | 0 |
| 58 | Global Storm of Stress-Related Psychopathological Symptoms: A Brief Overview on the Usefulness of Virtual Reality in Facing the Mental Health Impact of COVID-19. Cyberpsychology, Behavior, and Social Networking, 2020, 23, 782-788. | 2.1 | 49 |
| 59 | The Multi-factorial Complexity of Social Work Practice and Implications for Interventions. Journal of Evidence-Based Social Work (United States), 2020, 17, 385-391. | 0.3 | 2 |
| 60 | Efficacy of immersive PTSD treatments: A systematic review of virtual and augmented reality exposure therapy and a meta-analysis of virtual reality exposure therapy. Journal of Psychiatric Research, 2021, 143, 516-527. | 1.5 | 59 |
| 61 | The clinical potential of augmented reality.. Clinical Psychology: Science and Practice, 2020, 27, . | 0.6 | 19 |
| 62 | What can virtual reality offer to stroke patients? A narrative review of the literature. NeuroRehabilitation, 2020, 47, 109-120. | 0.5 | 19 |
| 63 | VR Panoramic Technology in Urban Rail Transit Vehicle Engineering Simulation System. IEEE Access, 2020, 8, 140673-140681. | 2.6 | 12 |
| 64 | “Now i can see me”-designing a multi-user virtual reality remote psychotherapy for body weight and shape concerns. Human-Computer Interaction, 2022, 37, 314-340. | 3.1 | 32 |
| 65 | Virtual reality and non-invasive brain stimulation for rehabilitation applications: a systematic review. Journal of NeuroEngineering and Rehabilitation, 2020, 17, 147. | 2.4 | 37 |
| 66 | Feasibility Analysis of VR Technology in Physical Education and Sports Training. IEEE Access, 2024, , 1-1. | 2.6 | 8 |
| 67 | Cake Fertilizer and Humic Acid on Soil Nutrients and Growth of Flue-cured Tobacco under VR vision. IEEE Access, 2020, , 1-1. | 2.6 | 3 |
| 68 | Teaching Strategies of Biological Experiments in Middle Schools Based on VR Technology. IEEE Access, 2020, , 1-1. | 2.6 | 2 |
| 69 | Predictors of Changes in Alcohol Craving Levels during a Virtual Reality Cue Exposure Treatment among Patients with Alcohol Use Disorder. Journal of Clinical Medicine, 2020, 9, 3018. | 1.0 | 22 |
| 70 | Psychiatric Interventions in Virtual Reality: Why We Need an Ethical Framework. Cambridge Quarterly of Healthcare Ethics, 2020, 29, 574-584. | 0.5 | 13 |
| 71 | Stress Reduction Using Bilateral Stimulation in Virtual Reality. IEEE Access, 2020, 8, 200351-200366. | 2.6 | 24 |
| 72 | Virtual Reality for Pain Management in Cancer: A Comprehensive Review. IEEE Access, 2020, 8, 225475-225489. | 2.6 | 19 |
| 73 | Shinrin-yoku (Forest Bathing) Reduces Stress and Increases People's Positive Affect and Well-Being in Comparison with Its Digital Counterpart. Ecopsychology, 2020, 12, 247-256. | 0.8 | 17 |
| 74 | Does Practicing with a Virtual Reality Driving Simulator Improve Spatial Cognition in Older Adults? A Pilot Study. Neuroscience Insights, 2020, 15, 263310552096793. | 0.9 | 13 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 75 | Efficacy of mobile app-based interactive cognitive behavioral therapy using a chatbot for panic disorder. <i>International Journal of Medical Informatics</i> , 2020, 140, 104171. | 1.6 | 59 |
| 76 | Virtual Reality in Neurosurgery: “Can You See It?” A Review of the Current Applications and Future Potential. <i>World Neurosurgery</i> , 2020, 141, 291-298. | 0.7 | 62 |
| 77 | The Effect of Virtual Reality and Heart Rate Variability Using Deep Learning for Reducing Stage Fright-Glossophobia. , 2020, , . | | 1 |
| 78 | The Use of Virtual Reality to Reduce Preoperative Anxiety in First-Time Sternotomy Patients: A Randomized Controlled Pilot Trial. <i>Mayo Clinic Proceedings</i> , 2020, 95, 1148-1157. | 1.4 | 24 |
| 79 | Virtual reality in psychiatric disorders: A systematic review of reviews. <i>Complementary Therapies in Medicine</i> , 2020, 52, 102480. | 1.3 | 123 |
| 80 | The use of virtual reality (VR) exposure for reducing contamination fear and disgust: Can VR be an effective alternative exposure technique to in vivo?. <i>Journal of Obsessive-Compulsive and Related Disorders</i> , 2020, 25, 100518. | 0.7 | 17 |
| 81 | What Is the Relationship Among Positive Emotions, Sense of Presence, and Ease of Interaction in Virtual Reality Systems? An On-Site Evaluation of a Commercial Virtual Experience. <i>Presence: Teleoperators and Virtual Environments</i> , 2018, 27, 183-201. | 0.3 | 24 |
| 82 | A randomised controlled trial to assess the feasibility of utilising virtual reality to facilitate analgesia during external cephalic version. <i>Scientific Reports</i> , 2020, 10, 3141. | 1.6 | 7 |
| 83 | Can Simulated Nature Support Mental Health? Comparing Short, Single-Doses of 360-Degree Nature Videos in Virtual Reality With the Outdoors. <i>Frontiers in Psychology</i> , 2019, 10, 2667. | 1.1 | 202 |
| 84 | Older Adults With Cognitive and/or Physical Impairments Can Benefit From Immersive Virtual Reality Experiences: A Feasibility Study. <i>Frontiers in Medicine</i> , 2019, 6, 329. | 1.2 | 138 |
| 85 | Patients suffering from psychological impairments following critical illness are in need of information. <i>Journal of Intensive Care</i> , 2020, 8, 6. | 1.3 | 36 |
| 86 | STUDY PROTOCOL: EXPOSURE IN VIRTUAL REALITY FOR SOCIAL ANXIETY DISORDER - a randomized controlled superiority trial comparing cognitive behavioral therapy with virtual reality based exposure to cognitive behavioral therapy with in vivo exposure. <i>BMC Psychiatry</i> , 2020, 20, 32. | 1.1 | 8 |
| 87 | SoundFields: A Virtual Reality Game Designed to Address Auditory Hypersensitivity in Individuals with Autism Spectrum Disorder. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2996. | 1.3 | 36 |
| 88 | Examination of electrodermal and cardio-vascular reactivity in virtual reality through a combined stress induction protocol. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2020, 11, 6033-6042. | 3.3 | 12 |
| 89 | Effects of virtual reality therapy on perceived pain intensity, anxiety, catastrophising and self-efficacy among adolescents with cancer. <i>Counselling and Psychotherapy Research</i> , 2021, 21, 218-226. | 1.7 | 19 |
| 90 | Virtual Reality One-Session Treatment of Child-Specific Phobia of Dogs: A Controlled, Multiple Baseline Case Series. <i>Behavior Therapy</i> , 2021, 52, 478-491. | 1.3 | 14 |
| 91 | Immersive virtual reality as a pedagogical tool in education: a systematic literature review of quantitative learning outcomes and experimental design. <i>Journal of Computers in Education</i> , 2021, 8, 1-32. | 5.0 | 335 |
| 92 | A Reflection on Virtual Reality Design for Psychological, Cognitive and Behavioral Interventions: Design Needs, Opportunities and Challenges. <i>International Journal of Human-Computer Interaction</i> , 2021, 37, 851-866. | 3.3 | 16 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 93 | Cyber-Therapy: The Use of Artificial Intelligence in Psychological Practice. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 127-132. | 0.5 | 4 |
| 94 | A Medical Liquid Varifocal Endoscope for Abdominal Cavity and its Parallax Estimation Algorithm Compatible with WBANs. <i>IEEE Sensors Journal</i> , 2021, , 1-1. | 2.4 | 2 |
| 95 | Optimization of building model based on 5G virtual reality technology in computer vision software. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 7936-7954. | 1.0 | 3 |
| 96 | Application of VR Technology in Library Roaming System Under the View of Digital Media. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 644-650. | 0.5 | 0 |
| 97 | Construction of Curriculum System of Preschool Education Specialty Based on Virtual Reality Technology. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 574-581. | 0.5 | 0 |
| 98 | Complications of intracavitary brachytherapy for gynecologic cancers and their management: A comprehensive review. <i>Brachytherapy</i> , 2021, 20, 984-994. | 0.2 | 6 |
| 99 | An Intelligent Virtual-Reality System With Multi-Model Sensing for Cue-Elicited Craving in Patients With Methamphetamine Use Disorder. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 2270-2280. | 2.5 | 21 |
| 101 | Co-watching 360-Films in Nursing Homes. <i>Lecture Notes in Computer Science</i> , 2021, , 502-521. | 1.0 | 2 |
| 102 | Virtual Reality in Social Work Education. <i>Advances in Higher Education and Professional Development Book Series</i> , 2021, , 232-256. | 0.1 | 1 |
| 103 | Empathy Games for Depression Using Virtual Reality: A Literature Review and A Study Design. , 0, , . | | 4 |
| 104 | Management of obsessive-compulsive disorder with virtual reality-based exposure. <i>Industrial Psychiatry</i> , 2021, 30, 179. | 0.3 | 2 |
| 105 | Virtual Reality Group Therapy for the Treatment of Depression: A Qualitative Study on Stakeholder Perspectives. <i>Frontiers in Virtual Reality</i> , 2021, 1, . | 2.5 | 8 |
| 106 | MIND-VR: Design and Evaluation Protocol of a Virtual Reality Psychoeducational Experience on Stress and Anxiety for the Psychological Support of Healthcare Workers Involved in the COVID-19 Pandemic. <i>Frontiers in Virtual Reality</i> , 2021, 2, . | 2.5 | 11 |
| 107 | Research on College Physical Education and Sports Training Based on Virtual Reality Technology. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-8. | 0.6 | 30 |
| 108 | Virtual reality intervention to improve apathy in residential aged care: protocol for a multisite non-randomised controlled trial. <i>BMJ Open</i> , 2021, 11, e046030. | 0.8 | 6 |
| 109 | Attentional Bias, Alcohol Craving, and Anxiety Implications of the Virtual Reality Cue-Exposure Therapy in Severe Alcohol Use Disorder: A Case Report. <i>Frontiers in Psychology</i> , 2021, 12, 543586. | 1.1 | 11 |
| 110 | Lo stato dell'arte riguardo l'utilizzo della realtà virtuale nel trattamento dell'ansia e la presentazione di un nuovo software. <i>Quaderni Di Psicoterapia Cognitiva</i> , 2020, , 7-26. | 0.1 | 0 |
| 111 | A Meta-Analysis of the Efficacy of Virtual Reality and In Vivo Exposure Therapy as Psychological Interventions for Public Speaking Anxiety. <i>Behavior Modification</i> , 2022, 46, 937-965. | 1.1 | 15 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 112 | Teaching Research of Integrating Virtual Reality Technology into Environmental Design Professional Courses. Journal of Physics: Conference Series, 2021, 1744, 042220. | 0.3 | 2 |
| 113 | Depression Prevention by Mutual Empathy Training: Using Virtual Reality as a Tool. , 2021, , . | | 3 |
| 115 | Basketball Technology Simulation Application Based on Virtual Reality. Mathematical Problems in Engineering, 2021, 2021, 1-9. | 0.6 | 2 |
| 117 | Effects on Mood and EEG States After Meditation in Augmented Reality With and Without Adjunctive Neurofeedback. Frontiers in Virtual Reality, 2021, 2, . | 2.5 | 11 |
| 119 | Emergency drug usage during flight and airline safety management for passengers. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2021, 84, 529-535. | 1.1 | 0 |
| 120 | Feasibility and Efficacy of Virtual Reality Interventions to Improve Psychosocial Functioning in Psychosis: Systematic Review. JMIR Mental Health, 2022, 9, e28502. | 1.7 | 16 |
| 121 | A Review of Cognitive and Behavioral Interventions for Tic Disorder. SoaÂ¿\$ceongso'nyeon Jeongsin Yihag, 2021, 32, 51-62. | 0.3 | 3 |
| 122 | Physiotherapist beliefs and perspectives on virtual realityâ€“supported rehabilitation for the assessment and management of musculoskeletal shoulder pain: a focus group study protocol. HRB Open Research, 2021, 4, 40. | 0.3 | 3 |
| 123 | Can Approaching Anxiety Like a Habit Lead to Novel Treatments?. American Journal of Lifestyle Medicine, 2021, 15, 489-494. | 0.8 | 7 |
| 124 | Virtual Reality App for Treating Eating Behavior in Eating Disorders: Development and Usability Study. JMIR Serious Games, 2021, 9, e24998. | 1.7 | 10 |
| 125 | Biofeedback-Based Connected Mental Health Interventions for Anxiety: Systematic Literature Review. JMIR MHealth and UHealth, 2021, 9, e26038. | 1.8 | 22 |
| 126 | Animation of virtual medical system under the background of virtual reality technology. Computational Intelligence, 2022, 38, 88-105. | 2.1 | 6 |
| 127 | Design of Execution System Based on Artificial Intelligence Technology. Journal of Physics: Conference Series, 2021, 1852, 022033. | 0.3 | 2 |
| 129 | Application of Virtual Reality Technology (VR) in Practice Teaching of Sports Rehabilitation Major. Journal of Physics: Conference Series, 2021, 1852, 042007. | 0.3 | 6 |
| 130 | Ultrasound Biomicroscopy Diagnosis Analysis and Fine Care of Anterior Segment Injury of Traumatic Anterior Chamber Based on Intelligent Virtual Reality Technology. Journal of Healthcare Engineering, 2021, 2021, 1-12. | 1.1 | 2 |
| 131 | Exploring the effectiveness of immersive Virtual Reality interventions in the management of musculoskeletal pain: a state-of-the-art review. Physical Therapy Reviews, 2021, 26, 262-275. | 0.3 | 13 |
| 132 | Affective Neurofeedback Under Naturalistic Conditions: A Mini-Review of Current Achievements and Open Challenges. Frontiers in Neuroergonomics, 2021, 2, . | 0.6 | 5 |
| 133 | Investigating Cognitive Global Coordination in normal and autistic children using virtual reality environments â€“ An EEG Study. , 2021, , . | | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 134 | Real-time virtual reality co-creation: collective intelligence and consciousness for student engagement and focused attention within online communities. <i>Interactive Learning Environments</i> , 2023, 31, 3422-3435. | 4.4 | 11 |
| 135 | Virtual reality as a distraction therapy in obstetrics and gynaecology. <i>BMJ Innovations</i> , 2021, 7, 556-563. | 1.0 | 0 |
| 136 | Point cloud computing algorithm on object surface based on virtual reality technology. <i>Computational Intelligence</i> , 2022, 38, 106-120. | 2.1 | 4 |
| 137 | Clinical Manifestations of Ultrasonic Virtual Reality in the Diagnosis and Treatment of Cardiovascular Diseases. <i>Journal of Healthcare Engineering</i> , 2021, 2021, 1-12. | 1.1 | 4 |
| 138 | Virtual reality may reduce anxiety and enhance surgical experience during wide-awake local anaesthesia no tourniquet surgery: A report of two cases. <i>Journal of Perioperative Practice</i> , 2021, , 175045892098404. | 0.3 | 2 |
| 139 | Virtual reality for the enhancement of emotion regulation. <i>Clinical Psychology and Psychotherapy</i> , 2021, 28, 519-537. | 1.4 | 25 |
| 140 | The Use of Virtual Reality Technologies to Reduce Anxiety and Improve Experience in Chemotherapy Patients During Treatment. <i>Frontiers in Virtual Reality</i> , 2021, 2, . | 2.5 | 11 |
| 141 | Gaming Your Mental Health: A Narrative Review on Mitigating Symptoms of Depression and Anxiety Using Commercial Video Games. <i>JMIR Serious Games</i> , 2021, 9, e26575. | 1.7 | 60 |
| 142 | Designing Individualised Virtual Reality Applications for Supporting Depression: A Feasibility Study. , 2021, , . | | 12 |
| 143 | Overwhelmed by Bodily Sensations. <i>Physician Assistant Clinics</i> , 2021, 6, 515-526. | 0.1 | 1 |
| 144 | The Impact of Virtual Reality Exposure on Stress Level and Sense of Competence in Ambulance Workers. <i>Journal of Traumatic Stress</i> , 2022, 35, 120-127. | 1.0 | 3 |
| 145 | Virtual Reality for Exposure Therapy. , 2021, , . | | 1 |
| 146 | Extended Reality for Enhanced Telehealth During and Beyond COVID-19: Viewpoint. <i>JMIR Serious Games</i> , 2021, 9, e26520. | 1.7 | 16 |
| 147 | Exploring Differences in Student Learning and Behavior Between Real-life and Virtual Reality Chemistry Laboratories. <i>Journal of Science Education and Technology</i> , 2021, 30, 862-876. | 2.4 | 34 |
| 148 | Effectiveness of immersive virtual reality-supported interventions for patients with disorders or impairments: a systematic review and meta-analysis. <i>Health and Technology</i> , 2021, 11, 811-833. | 2.1 | 8 |
| 149 | Harnessing the Spatial Foundation of Mind in Breaking Vicious Cycles in Anxiety, Insomnia, and Depression: The Future of Virtual Reality Therapy Applications. <i>Frontiers in Psychiatry</i> , 2021, 12, 645289. | 1.3 | 2 |
| 150 | The Use of Virtual Therapy in Cardiac Rehabilitation of Female Patients with Heart Disease. <i>Medicina (Lithuania)</i> , 2021, 57, 768. | 0.8 | 11 |
| 151 | Emotional self-regulation, virtual reality and neurofeedback. <i>Computers in Human Behavior Reports</i> , 2021, 4, 100101. | 2.3 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 152 | Value of ddPCR in the Preoperative Diagnosis of Solitary Pulmonary Nodules Based on the Observation of Virtual Reality Images of Smart Medical Treatment. <i>Journal of Healthcare Engineering</i> , 2021, 2021, 1-11. | 1.1 | 3 |
| 153 | Application of Ultrasound Virtual Reality in the Diagnosis and Treatment of Cardiovascular Diseases. <i>Journal of Healthcare Engineering</i> , 2021, 2021, 1-10. | 1.1 | 3 |
| 154 | Immersive virtual reality in patients with moderate and severe traumatic brain injury: a feasibility study. <i>Health and Technology</i> , 2021, 11, 1035-1044. | 2.1 | 4 |
| 155 | A randomized controlled trial assessing the efficacy of a virtual reality biofeedback video game: Anxiety outcomes and appraisal processes.. <i>Technology Mind and Behavior</i> , 2021, 2, . | 1.1 | 8 |
| 156 | The Effectiveness of Self-Guided Virtual-Reality Exposure Therapy for Public-Speaking Anxiety. <i>Frontiers in Psychiatry</i> , 2021, 12, 694610. | 1.3 | 15 |
| 157 | Virtual Reality Exergames in Rehabilitation Program for Cerebral Palsy Children. <i>International Journal of Computer Applications</i> , 2021, 183, 46-51. | 0.2 | 0 |
| 158 | Integrating virtual realities and psychotherapy: SWOT analysis on VR and MR based treatments of anxiety and stress-related disorders. <i>Cognitive Behaviour Therapy</i> , 2021, 50, 509-526. | 1.9 | 16 |
| 159 | Therapeutic virtual reality in prison: Participatory design with incarcerated women. <i>New Media and Society</i> , 2021, 23, 2210-2229. | 3.1 | 6 |
| 160 | Research Based on Visual Sensors and VR in the Field of Visual Culture. <i>Journal of Sensors</i> , 2021, 2021, 1-11. | 0.6 | 2 |
| 161 | Virtual Reality for Supporting the Treatment of Depression and Anxiety: Scoping Review. <i>JMIR Mental Health</i> , 2021, 8, e29681. | 1.7 | 64 |
| 162 | The growing field of digital psychiatry: current evidence and the future of apps, social media, chatbots, and virtual reality. <i>World Psychiatry</i> , 2021, 20, 318-335. | 4.8 | 337 |
| 163 | Virtual reality for relatives of ICU patients to improve psychological sequelae: study protocol for a multicentre, randomised controlled trial. <i>BMJ Open</i> , 2021, 11, e049704. | 0.8 | 4 |
| 164 | Facilitator Contact, Discussion Boards, and Virtual Badges as Adherence Enhancements to a Web-Based, Self-guided, Positive Psychological Intervention for Depression: Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2021, 23, e25922. | 2.1 | 17 |
| 165 | Can Self-report in a Virtual Environment Enhance our Understanding of Hoarding Deficits? A Pilot Investigation. <i>Heliyon</i> , 2021, 7, e07986. | 1.4 | 0 |
| 166 | Designing virtual natural environments for older adults in residential care facilities. <i>Technology and Disability</i> , 2021, 33, 305-318. | 0.3 | 3 |
| 167 | Fright, attention, and joy while killing zombies in Virtual Reality: A psychophysiological analysis of VR user experience. <i>Psychology and Marketing</i> , 2021, 38, 937-947. | 4.6 | 23 |
| 168 | Application of VR Technology in Japanese Education. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 217-224. | 0.5 | 0 |
| 169 | Virtual Reality as a Tool for Mental Health and Conscious Living and Death. , 2021, , 414-436. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 170 | Depression Detection Using Virtual Reality: A Literature Review. , 0, , . | | 1 |
| 171 | Navigating uncharted waters: Designing business models for virtual and augmented reality companies in the medical industry. Journal of Engineering and Technology Management - JET-M, 2021, 59, 101614. | 1.4 | 15 |
| 173 | Full Body Immersive Virtual Reality System with Motion Recognition Camera Targeting the Treatment of Spider Phobia. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 216-230. | 0.2 | 5 |
| 174 | Dementia: I Am Physically Fading. Can Virtual Reality Help? Physical Training for People with Dementia in Confined Mental Health Units. Lecture Notes in Computer Science, 2020, , 366-382. | 1.0 | 13 |
| 175 | Virtual Savannah: An Effective Therapeutic and Relaxing Treatment for People with Subjective Cognitive Decline. Lecture Notes in Computer Science, 2020, , 107-112. | 1.0 | 3 |
| 176 | Cognitive Behavioral Therapy, Mindfulness-Based Cognitive Therapy and Acceptance Commitment Therapy for Anxiety Disorders: Integrating Traditional with Digital Treatment Approaches. Advances in Experimental Medicine and Biology, 2020, 1191, 291-329. | 0.8 | 39 |
| 178 | Virtual reality-enabled treatment of nightmares.. Dreaming, 2018, 28, 205-224. | 0.3 | 10 |
| 179 | Is clinical virtual reality ready for primetime?. Neuropsychology, 2017, 31, 877-899. | 1.0 | 186 |
| 180 | Impact of VR Settings on Immersiveness in VR-Based Construction Skills Training: Case Study of Scaffolding Work. , 2020, , . | | 4 |
| 181 | Clinical virtual reality in mental health and rehabilitation: a brief review of the future!. , 2019, , . | | 9 |
| 182 | Time to Get Personal: Individualised Virtual Reality for Mental Health. , 2020, , . | | 18 |
| 183 | Use of virtual reality games in people with depression and anxiety. , 2020, , . | | 10 |
| 184 | Serenity. , 2020, , . | | 6 |
| 185 | Cognitive behavioural therapy in virtual reality treatments across mental health conditions: a systematic review. Consortium Psychiatricum, 2020, 1, 30-46. | 0.2 | 4 |
| 186 | A Free Virtual Reality Experience to Prepare Pediatric Patients for Magnetic Resonance Imaging: Cross-Sectional Questionnaire Study. JMIR Pediatrics and Parenting, 2019, 2, e11684. | 0.8 | 40 |
| 187 | Recommendations for Methodology of Virtual Reality Clinical Trials in Health Care by an International Working Group: Iterative Study. JMIR Mental Health, 2019, 6, e11973. | 1.7 | 204 |
| 188 | Exploring the Potential for Use of Virtual Reality Technology in the Treatment of Severe Mental Illness Among Adults in Mid-Norway: Collaborative Research Between Clinicians and Researchers. JMIR Formative Research, 2019, 3, e13633. | 0.7 | 12 |
| 189 | Virtual Reality Games and the Role of Body Involvement in Enhancing Positive Emotions and Decreasing Anxiety: Within-Subjects Pilot Study. JMIR Serious Games, 2020, 8, e15635. | 1.7 | 44 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 190 | Evidence on Virtual Reality-Based Therapies for Psychiatric Disorders: Meta-Review of Meta-Analyses. <i>Journal of Medical Internet Research</i> , 2020, 22, e20889. | 2.1 | 59 |
| 191 | Effectiveness of a Participatory and Interactive Virtual Reality Intervention in Patients With Social Anxiety Disorder: Longitudinal Questionnaire Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e23024. | 2.1 | 27 |
| 193 | Virtual Reality Speaking Application Utilisation in Combatting Presentation Apprehension. <i>Asian Journal of University Education</i> , 2020, 15, 235. | 0.8 | 5 |
| 194 | Visuo-Haptic-Based Multimodal Feedback Virtual Reality Solution to Improve Anxiety Symptoms: A Proof-of-Concept Study. <i>Psychiatry Investigation</i> , 2019, 16, 167-171. | 0.7 | 15 |
| 195 | Virtual reality as a clinical tool in mental health research and practice. <i>Dialogues in Clinical Neuroscience</i> , 2020, 22, 169-177. | 1.8 | 98 |
| 196 | The Application of Folk Art with Virtual Reality Technology in Visual Communication. <i>Intelligent Automation and Soft Computing</i> , 2020, 26, 783-793. | 1.6 | 4 |
| 197 | Virtual Reality Exposure Therapy for Posttraumatic Stress Disorder. <i>Psychiatric Annals</i> , 2019, 49, 343-347. | 0.1 | 5 |
| 198 | The Use of Virtual Reality in Psychiatry: A Review. <i>Soa's Jeongso'nyeon Jeongsin Yihag</i> , 2020, 31, 26-32. | 0.3 | 46 |
| 199 | Pilot randomized trial of self-guided virtual reality exposure therapy for social anxiety disorder. <i>Behaviour Research and Therapy</i> , 2021, 147, 103984. | 1.6 | 26 |
| 200 | Embedded Design of 3D Image Intelligent Display System Based on Virtual Reality Technology. <i>Wireless Communications and Mobile Computing</i> , 2021, 2021, 1-9. | 0.8 | 2 |
| 201 | The effects of immersive garden experience on the health care to elderly residents with mild-to-moderate cognitive impairment living in nursing homes after the COVID-19 pandemic. <i>Landscape and Ecological Engineering</i> , 2022, 18, 45-56. | 0.7 | 12 |
| 202 | Virtual reality interventions and the outcome measures of adult patients in acute care settings undergoing surgical procedures: An integrative review. <i>Journal of Advanced Nursing</i> , 2022, 78, 645-665. | 1.5 | 5 |
| 203 | Effects of Virtual Reality Exposure Therapy on Dentophobia in Clients of Dental Offices in Isfahan, Tehran, and Shahrekord (Iran). <i>Iranian Journal of Psychiatry and Behavioral Sciences</i> , 2021, 15, . | 0.1 | 1 |
| 204 | College Physical Education Teaching Aided by Virtual Reality Technology. <i>Mobile Information Systems</i> , 2021, 2021, 1-11. | 0.4 | 7 |
| 205 | AR-Based Mobile Applications for Exposure Therapy. <i>Communications in Computer and Information Science</i> , 2018, , 319-325. | 0.4 | 0 |
| 208 | Realidad virtual como tratamiento para la fobia específica a las arañas: una revisión sistemática. <i>Psychologia</i> , 2019, 13, 101-109. | 0.2 | 1 |
| 209 | A Showcase of Medical, Therapeutic and Pastime Uses of Virtual Reality (VR) and How (VR) Is Impacting the Dementia Sector. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1156, 135-141. | 0.8 | 2 |
| 211 | Effects of Applying Virtual Reality for Immersive Anxiety Reduction in Dental Patients. <i>Journal of Anxiety & Depression</i> , 2019, 2, . | 0.2 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 213 | Virtual Environment for Autism. Drawing Space for Connection and Inclusion: an Open Debate. , 2020, , . | | 0 |
| 214 | Virtual Reality and Augmented Reality for Managing Symptoms. , 2020, , 85-104. | | 0 |
| 216 | Think+. , 2020, , . | | 3 |
| 218 | Realtà virtuale e ipnosi. Ipnosi, 2020, , 49-60. | 0.1 | 0 |
| 220 | Virtual Reality for Targeted and Personalized Augmentation of Late-Life Psychotherapy: Proof of Concept. American Journal of Geriatric Psychiatry, 2021, , . | 0.6 | 0 |
| 221 | Provider experiences of virtual reality in clinical treatment. PLoS ONE, 2021, 16, e0259364. | 1.1 | 18 |
| 222 | Application of Virtual Local Area Network Technology in Smart Grid. Advances in Intelligent Systems and Computing, 2020, , 59-65. | 0.5 | 1 |
| 223 | A serious VR game for acrophobia therapy in an urban environment. , 2020, , . | | 4 |
| 224 | Virtual Reality Vestibular Rehabilitation in 20 Patients with Vertigo Due to Peripheral Vestibular Dysfunction. Medical Science Monitor, 2020, 26, e930182. | 0.5 | 10 |
| 227 | Capturing reality: Validation of omnidirectional video-based immersive virtual reality as a streetscape quality auditing method. Landscape and Urban Planning, 2022, 218, 104290. | 3.4 | 15 |
| 228 | A Research on Spatial Perception Focused on Olfactory Stimulant. Advances in Intelligent Systems and Computing, 2020, , 31-41. | 0.5 | 1 |
| 229 | Technological Interventions for Emotion Regulation. , 2022, , 197-218. | | 5 |
| 230 | Virtual Reality as a Tool for Mental Health and Conscious Living and Death. Advances in Media, Entertainment and the Arts, 2020, , 430-452. | 0.0 | 0 |
| 231 | Technological Interventions for Anxiety Disorders. , 2020, , . | | 0 |
| 232 | The effects of grit and resilience on moral competence following simulated combat exposure. Military Psychology, 2022, 34, 167-174. | 0.7 | 1 |
| 237 | Virtual Reality Neurorehabilitation for Mobility in Spinal Cord Injury: A Structured Review. Innovations in Clinical Neuroscience, 2019, 16, 13-20. | 0.1 | 8 |
| 238 | Virtual Reality in Pharmacy: Opportunities for Clinical, Research, and Educational Applications. P and T, 2019, 44, 267-276. | 1.0 | 5 |
| 241 | Prevalence of virtual reality (VR) games found through mental health categories on STEAM: a first look at VR on commercial platforms as tools for therapy. Nordic Journal of Psychiatry, 2022, 76, 474-485. | 0.7 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 263 | Virtual Reality as a Moderator of Psychedelic-Assisted Psychotherapy. <i>Frontiers in Psychology</i> , 2022, 13, 813746. | 1.1 | 9 |
| 264 | Sexual Dysfunction in Parkinson's Disease. , 2022, , 155-166. | | 1 |
| 266 | Strategies to improve access to cognitive behavioral therapies for anxiety disorders: A scoping review. <i>PLoS ONE</i> , 2022, 17, e0264368. | 1.1 | 3 |
| 267 | Computer 5G Virtual Reality Environment 3D Clothing Design. <i>Mobile Information Systems</i> , 2022, 2022, 1-17. | 0.4 | 3 |
| 268 | Ming-Style Furniture Display Design Based on Immersive 5G Virtual Reality. <i>Security and Communication Networks</i> , 2022, 2022, 1-15. | 1.0 | 1 |
| 269 | Application of Human-Computer Interaction Virtual Reality Technology to the Design of Ice and Snow Landscapes. <i>International Journal of Humanoid Robotics</i> , 2022, 19, . | 0.6 | 7 |
| 270 | A VR Game for Obsessive-Compulsive Disorders Therapy. , 2021, , . | | 1 |
| 271 | Digital Health Interventions for Delivery of Mental Health Care: Systematic and Comprehensive Meta-Review. <i>JMIR Mental Health</i> , 2022, 9, e35159. | 1.7 | 78 |
| 272 | Data Acquisition and Data Processing using Electroencephalogram in Neuromarketing: A Review. <i>Pertanika Journal of Science and Technology</i> , 2022, 30, 19-33. | 0.3 | 2 |
| 273 | Virtual Reality Interactive Method and Device Based on Wireless Communication Tracking. <i>Wireless Communications and Mobile Computing</i> , 2021, 2021, 1-12. | 0.8 | 0 |
| 274 | Exergaming as a Neurorehabilitation Tool in Patients Diagnosed with a Severe Mental Disorder: A Review of Current Scientific Evidence. <i>Lecture Notes in Bioengineering</i> , 2022, , 59-65. | 0.3 | 0 |
| 275 | A Systematic Review of Virtual Reality Interventions for Children with Social Skills Deficits. , 2021, , . | | 12 |
| 276 | Design of Tank Inspection Robot Navigation System Based on Virtual Reality. , 2021, , . | | 1 |
| 277 | Virtual reality: a powerful technology to provide novel insight into treatment mechanisms of addiction. <i>Translational Psychiatry</i> , 2021, 11, 617. | 2.4 | 22 |
| 279 | Multi-source information art painting fusion interactive 3D dynamic scene virtual reality technology application research. <i>International Journal of Communication Systems</i> , 2022, 35, . | 1.6 | 9 |
| 280 | VRAT: A Proposal of Training Method for Auditory Information Processing Using Virtual Space. <i>The Japanese Journal for Medical Virtual Reality</i> , 2020, 17, 23-32. | 0.2 | 0 |
| 283 | Role of virtual reality in medical field. <i>AIP Conference Proceedings</i> , 2022, , . | 0.3 | 0 |
| 286 | Virtual Reality and the Mediation of Acute and Chronic Pain in Adult and Pediatric Populations: Research Developments. <i>Frontiers in Pain Research</i> , 2022, 3, . | 0.9 | 10 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 287 | Extended reality in musculoskeletal rehabilitation and injury prevention - A systematic review. <i>Physical Therapy in Sport</i> , 2022, 55, 229-240. | 0.8 | 9 |
| 288 | Extended Reality (XR) and telehealth interventions for children or adolescents with autism spectrum disorder: Systematic review of qualitative and quantitative studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 138, 104683. | 2.9 | 13 |
| 289 | Interactive Design of Museum Display Space Based on Virtual and Reality Technology. <i>Wireless Communications and Mobile Computing</i> , 2022, 2022, 1-14. | 0.8 | 3 |
| 290 | Effects of Virtual Reality-Based Multimodal Audio-Tactile Cueing in Patients With Spatial Attention Deficits: Pilot Usability Study. <i>JMIR Serious Games</i> , 2022, 10, e34884. | 1.7 | 3 |
| 291 | Effects of Gaming on Pain-Related Fear, Pain Catastrophizing, Anxiety, and Depression in Patients with Chronic Musculoskeletal Pain: A Systematic Review and Meta-Analysis. <i>Games for Health Journal</i> , 2022, 11, 369-384. | 1.1 | 9 |
| 292 | How effective is virtual reality technology in palliative care? A systematic review and meta-analysis. <i>Palliative Medicine</i> , 2022, 36, 1047-1058. | 1.3 | 15 |
| 293 | Effects of technology-enhanced language learning on reducing EFL learners' public speaking anxiety. <i>Computer Assisted Language Learning</i> , 0, , 1-25. | 4.8 | 15 |
| 294 | Disrupting marketing realities: A research agenda for investigating the psychological mechanisms of next-generation experiences with reality-enhancing technologies. <i>Psychology and Marketing</i> , 2022, 39, 1660-1671. | 4.6 | 25 |
| 295 | Ceramic Painting and Traditional Cultural Element Fusion Composition Design Based on Virtual Reality. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-13. | 1.5 | 0 |
| 296 | A virtual reality home-based training for the management of stress and anxiety among healthcare workers during the COVID-19 pandemic: study protocol for a randomized controlled trial. <i>Trials</i> , 2022, 23, . | 0.7 | 8 |
| 297 | A Mobile Health Application for Monitoring Children With Autism Spectrum Disorder. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2022, , 40-65. | 0.1 | 0 |
| 298 | Enhancing Prolonged Exposure therapy for PTSD using physiological biomarker-driven technology. <i>Contemporary Clinical Trials Communications</i> , 2022, 28, 100940. | 0.5 | 3 |
| 300 | Designing Virtual Environments for Smoking Cessation: A Preliminary Investigation. <i>Lecture Notes in Computer Science</i> , 2022, , 410-422. | 1.0 | 1 |
| 301 | A virtual reality-based mind-body approach to downregulate psychophysiological arousal in adolescent insomnia. <i>Digital Health</i> , 2022, 8, 205520762211078. | 0.9 | 4 |
| 303 | Electrophysiological correlates of in vivo and virtual reality exposure therapy in spider phobia. <i>Psychophysiology</i> , 2022, 59, . | 1.2 | 3 |
| 304 | Is it safe to live near wind turbines? Reviewing the impacts of wind turbine noise. <i>Energy for Sustainable Development</i> , 2022, 69, 87-102. | 2.0 | 8 |
| 305 | Virtual reality in pain and anxiety management. <i>Samsun SaĖ Bilimleri Dergisi</i> , 0, , . | 0.3 | 0 |
| 306 | The Phygital Experiential Marketing Practices. <i>Advances in Marketing, Customer Relationship Management, and E-services Book Series</i> , 2022, , 289-309. | 0.7 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 307 | Application of Virtual Reality Technology in the Recognition System for Overcoming Anxiety and Psychological Pressure of Family Elderly. <i>Mobile Information Systems</i> , 2022, 2022, 1-13. | 0.4 | 0 |
| 308 | Exposure and Response Prevention in Virtual Reality for Patients with Contamination-Related Obsessive-Compulsive Disorder: a Case Series. <i>Psychiatric Quarterly</i> , 2022, 93, 861-882. | 1.1 | 5 |
| 309 | Virtual Reality Applications in Medicine During the COVID-19 Pandemic: Systematic Review. <i>JMIR Serious Games</i> , 2022, 10, e35000. | 1.7 | 13 |
| 310 | The Importance of Social Competence for 21st Century Citizens. <i>Advances in Educational Technologies and Instructional Design Book Series</i> , 2022, , 242-268. | 0.2 | 3 |
| 311 | Research on the Construction and Development Prospect of Aided Business English Teaching System Based on Computer Multimedia Technology. <i>Mobile Information Systems</i> , 2022, 2022, 1-9. | 0.4 | 1 |
| 312 | (Retracted) Digital immersive interactive experience design of museum cultural heritage based on virtual reality technology. <i>Journal of Electronic Imaging</i> , 2022, 32, . | 0.5 | 0 |
| 313 | Application of Virtual Reality Technology in Clinical Practice, Teaching, and Research in Complementary and Alternative Medicine. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-12. | 0.5 | 8 |
| 314 | History of Virtual Reality and Augmented Reality in Neurosurgical Training. <i>World Neurosurgery</i> , 2022, 167, 37-43. | 0.7 | 18 |
| 315 | Importance of National Fitness Sports Relying on Virtual Reality Technology in the Development of Sports Economy. <i>Computational Intelligence and Neuroscience</i> , 2022, 2022, 1-13. | 1.1 | 0 |
| 316 | Deconstruction of Immersive Animation Image Interaction Design under Virtual Reality Technology. <i>Wireless Communications and Mobile Computing</i> , 2022, 2022, 1-11. | 0.8 | 1 |
| 317 | (Retracted) Virtual reality painting dexterous hand gesture control algorithm and simulation. <i>Journal of Electronic Imaging</i> , 2022, 31, . | 0.5 | 2 |
| 318 | Virtual reality and music's impact on psychological well-being. <i>Frontiers in Rehabilitation Sciences</i> , 0, 3, . | 0.5 | 4 |
| 319 | Immersive Therapy for Improving Anxiety in Health Professionals of a Regional Hospital during the COVID-19 Pandemic: A Quasi-Experimental Pilot Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 9793. | 1.2 | 2 |
| 320 | The Timeline: A Qualitative Study Exploring Therapeutic Experiences in an Immersive Interactive Virtual Environment (IIVE) for Trauma Mental Healthcare. , 2022, , . | | 1 |
| 321 | Use of Virtual Reality in Psychology. <i>Lecture Notes in Networks and Systems</i> , 2022, , 208-217. | 0.5 | 0 |
| 322 | Multimedia teaching system based on art interaction technology. <i>Computer Science and Information Systems</i> , 2022, , 26-26. | 0.7 | 0 |
| 323 | Comparison of the Effect of Exposing Users for Height While Being Active Versus Passive in a Virtual Environment - A Pilot Study. <i>Lecture Notes in Computer Science</i> , 2022, , 18-36. | 1.0 | 0 |
| 324 | Interventionist Explanations. <i>European Studies in Philosophy of Science</i> , 2022, , 135-166. | 0.4 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 325 | Relieving Stress Through Psychotherapy Using Internet-of-Things and Virtual Reality Game. , 2022, , . | | 0 |
| 326 | Visual Communication-Based Virtual Reality Design of Imaging Information Collection and Display System. <i>Wireless Communications and Mobile Computing</i> , 2022, 2022, 1-12. | 0.8 | 1 |
| 327 | Virtual Reality as a Surgical Care Package for Patients Undergoing Weight Loss Surgery: A Narrative Review of the Impact of an Emerging Technology. <i>Cureus</i> , 2022, , . | 0.2 | 2 |
| 328 | Tough Talks Virtual Simulation HIV Disclosure Intervention for Young Men Who Have Sex With Men: Development and Usability Testing. <i>JMIR Formative Research</i> , 2022, 6, e38354. | 0.7 | 2 |
| 329 | Prediction of Specific Anxiety Symptoms and Virtual Reality Sickness Using In Situ Autonomic Physiological Signals During Virtual Reality Treatment in Patients With Social Anxiety Disorder: Mixed Methods Study. <i>JMIR Serious Games</i> , 2022, 10, e38284. | 1.7 | 1 |
| 330 | Outcomes of virtual reality technology in the management of generalised anxiety disorder: a systematic review and meta-analysis. <i>Behaviour and Information Technology</i> , 0, , 1-13. | 2.5 | 2 |
| 331 | A Virtual Reality Contents for Users Emotional Awareness. <i>The Journal of Korean Institute of Information Technology</i> , 2022, 20, 137-146. | 0.1 | 0 |
| 332 | Effect of intensive care unit-specific virtual reality (ICU-VR) to improve psychological well-being in ICU survivors: study protocol for an international, multicentre, randomised controlled trialâ€”the HORIZON-IC study. <i>BMJ Open</i> , 2022, 12, e061876. | 0.8 | 1 |
| 333 | Nature-based mindfulness-compassion programs using virtual reality for older adults: A narrative literature review. <i>Frontiers in Virtual Reality</i> , 0, 3, . | 2.5 | 4 |
| 334 | Standard CBT versus integrative and multimodal CBT assisted by virtual-reality for generalized anxiety disorder. <i>Frontiers in Psychology</i> , 0, 13, . | 1.1 | 2 |
| 335 | â€œIntelligent Tutoring System in Education for Disabled Learners Using Humanâ€”Computer Interaction and Augmented Realityâ€” <i>International Journal of Human-Computer Interaction</i> , 0, , 1-13. | 3.3 | 6 |
| 336 | Arachnophobia Exposure Therapy Using Experience-Driven Procedural Content Generation via Reinforcement Learning (EDPCGRL). <i>Proceedings</i> , 2021, 17, 164-171. | 0.7 | 3 |
| 337 | A Virtual Reality Game as a Tool for Psychotherapy With OCD Patients. <i>International Journal of Creative Interfaces and Computer Graphics</i> , 2022, 13, 1-18. | 0.1 | 0 |
| 338 | The Use of Binaural Based Spatial Audio in the Reduction of Auditory Hypersensitivity in Autistic Young People. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 12474. | 1.2 | 4 |
| 339 | Urban Landscape Design Based on Virtual Reality Technology. <i>Advances in Multimedia</i> , 2022, 2022, 1-6. | 0.2 | 4 |
| 340 | The Effects of Virtual Reality in Targeting Transdiagnostic Factors for Mental Health: A Systematic Review of the Literature. <i>Journal of Clinical Medicine</i> , 2022, 11, 6463. | 1.0 | 1 |
| 341 | Virtual reality in the diagnostic and therapy for mental disorders: A systematic review. <i>Clinical Psychology Review</i> , 2022, 98, 102213. | 6.0 | 29 |
| 342 | The use of virtual reality in the rehabilitation of aphasia: a systematic review. <i>Disability and Rehabilitation</i> , 2023, 45, 3803-3822. | 0.9 | 8 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 343 | Visiting nuclear reactorsâ€™ Safety and security aspects. International Journal of Thermofluids, 2022, 16, 100241. | 4.0 | 1 |
| 344 | From virtual to prosocial reality: The effects of prosocial virtual reality games on preschool Children's prosocial tendencies in real life environments. Computers in Human Behavior, 2023, 139, 107546. | 5.1 | 6 |
| 345 | Navigation System of Coal Mine Rescue Robot Based on Virtual Reality Technology. , 2022, , . | | 0 |
| 346 | Examining the potential of VR program Tilt Brush in reducing anxiety. Virtual Reality, 0, , . | 4.1 | 0 |
| 347 | Can virtual reality technology be considered as a part of the surgical care pathway?. Annals of the Royal College of Surgeons of England, 2023, 105, 2-6. | 0.3 | 4 |
| 348 | The Trend of Industrial Design from the Perspective of Metaverse. Lecture Notes in Computer Science, 2022, , 397-406. | 1.0 | 2 |
| 349 | Virtual reality-supported biofeedback for stress management: Beneficial effects on heart rate variability and user experience. Computers in Human Behavior, 2023, 141, 107607. | 5.1 | 9 |
| 350 | A review of IoT systems to enable independence for the elderly and disabled individuals. Internet of Things (Netherlands), 2023, 21, 100653. | 4.9 | 13 |
| 351 | Virtual Reality to Support Healthcare Workers in Managing Stress and Anxiety During the COVID-19 Pandemic: An Online Survey. Lecture Notes in Computer Science, 2022, , 159-174. | 1.0 | 0 |
| 352 | Virtual Reality Exposure Therapy for Claustrophobia : Evaluating usability and usefulness by clinicians. , 2022, , . | | 2 |
| 353 | Virtual Reality Therapy for People With Epilepsy and Related Anxiety: Protocol for a 3-Phase Pilot Clinical Trial. JMIR Research Protocols, 0, 12, e41523. | 0.5 | 2 |
| 354 | Assessing Virtual Reality's potential to influence emotional states from negative to provide an instant positive effect. , 2022, , . | | 0 |
| 355 | Biomarkers of Anxiety Acquisition and Generalization in Virtual Reality Experiments. Zeitschrift FÃ¼r Klinische Psychologie Und Psychotherapie, 2022, 51, 206-222. | 0.1 | 0 |
| 356 | Public perception of metaverse and mental health on Twitter: A sentiment analysis. Progress in Cardiovascular Diseases, 2023, 76, 99-101. | 1.6 | 5 |
| 358 | The Use of Virtual Reality to Reduce Pain and Anxiety in Surgical Procedures of the Oral Cavity: A Scoping Review. Journal of Oral and Maxillofacial Surgery, 2023, 81, 467-482. | 0.5 | 10 |
| 359 | Exploring the perceptions of former ICU patients and clinical staff on barriers and facilitators to the implementation of virtual reality exposure therapy: A qualitative study. Nursing in Critical Care, 2024, 29, 313-324. | 1.1 | 5 |
| 361 | Effect of virtual reality and music therapy on anxiety and perioperative pain in surgical extraction of impacted third molars. Journal of the American Dental Association, 2023, 154, 206-214. | 0.7 | 6 |
| 362 | Facial Affect Recognition in Depression Using Human Avatars. Applied Sciences (Switzerland), 2023, 13, 1609. | 1.3 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 363 | Using virtual reality to implement disability studiesâ€™™ advocacy principles: uncovering the perspectives of people with disability. <i>Disability and Society</i> , 0, , 1-21. | 1.4 | 0 |
| 365 | Learning mechanisms of addiction. , 2023, , 227-267. | | 0 |
| 366 | A Recovery-Oriented Program for People with Bipolar Disorder through Virtual Reality-Based Cognitive Remediation: Results of a Feasibility Randomized Clinical Trial. <i>Journal of Clinical Medicine</i> , 2023, 12, 2142. | 1.0 | 2 |
| 367 | Vulnerable populations with psychological disorders in tourism: Methodological challenges and recommended solutions for empirical research. <i>Tourism Management</i> , 2023, 98, 104760. | 5.8 | 9 |
| 368 | Efficacy of Virtual Reality Exposure Therapy in the Treatment of Specific Phobias: A Systematic Review. <i>Current Approaches in Psychiatry</i> , 2023, 15, 562-576. | 0.2 | 1 |
| 369 | An Intervention on Anxiety Symptoms in Moderate Alzheimerâ€™™s Disease through Virtual Reality: A Feasibility Study and Lessons Learned. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 2727. | 1.2 | 5 |
| 370 | Fully Immersive Virtual Reality Using 360Â° Videos to Manage Well-Being in Older Adults: A Scoping Review. <i>Journal of the American Medical Directors Association</i> , 2023, 24, 564-572. | 1.2 | 7 |
| 372 | Virtual Reality as a Hypnotic Tool in the Management of Anxiety During the Performance of the Axillary Block. <i>Journal of Medical Systems</i> , 2023, 47, . | 2.2 | 0 |
| 373 | Feasibility of a virtual reality intervention targeting distress and anxiety symptoms in patients with primary brain tumors: Interim analysis of a phase 2 clinical trial. <i>Journal of Neuro-Oncology</i> , 2023, 162, 137-145. | 1.4 | 1 |
| 374 | Feasibility and preliminary efficacy of a virtual reality intervention targeting distress and anxiety in primary brain tumor patients at the time of clinical evaluation: Study protocol for a phase 2 clinical trial. <i>BMC Cancer</i> , 2023, 23, . | 1.1 | 2 |
| 375 | On the Multimodal Resolution of a Search Sequence in Virtual Reality. <i>Human Behavior and Emerging Technologies</i> , 2023, 2023, 1-15. | 2.5 | 2 |
| 376 | Eye movement characteristics and visual fatigue assessment of virtual reality games with different interaction modes. <i>Frontiers in Neuroscience</i> , 0, 17, . | 1.4 | 1 |
| 377 | Virtual reality for clinical evaluation and treatment in schizophrenia: a systematic review. <i>Psychosis</i> , 0, , 1-18. | 0.4 | 0 |
| 378 | Â§ocukluk DÃ¶nemi KorkularÃ± ve Bir MÃ¼dahale AracÃ± Olarak Sanal GerÃ§eklik UygulamasÃ±n KullanÃ±mÃ±. , 0, , . | | 0 |
| 379 | Facial emotion recognition in patients with depression compared to healthy controls when using human avatars. <i>Scientific Reports</i> , 2023, 13, . | 1.6 | 5 |
| 380 | Efficacy of exposure and response prevention therapy in mixed reality for patients with obsessive-compulsive disorder: study protocol for a randomized controlled trial. <i>BMC Psychology</i> , 2023, 11, . | 0.9 | 0 |
| 381 | Virtual Reality Exposure Therapy as a Treatment Method Against Anxiety Disorders and Depression-A Structured Literature Review. <i>Issues in Mental Health Nursing</i> , 2023, 44, 245-269. | 0.6 | 1 |
| 382 | Systematic review and meta-analysis of randomised controlled trials for evaluating the effectiveness of virtual reality therapy for social anxiety disorder. <i>Journal of Affective Disorders</i> , 2023, , . | 2.0 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 383 | Social Virtual Reality as a Mental Health Tool: How People Use VRChat to Support Social Connectedness and Wellbeing. , 2023, , . | | 6 |
| 385 | Entrepreneurship Platform Under Virtual Reality Technology (VRT). Lecture Notes in Electrical Engineering, 2023, , 246-253. | 0.3 | 0 |
| 390 | New Technologies (Tele-Health and Other Trends) Directed in Neurology and Psychiatric Disorders in Home Care. , 2023, , 345-366. | | 0 |
| 396 | The Use of Immersive Technologies While Ageing in the Digitally Mediated Society. Lecture Notes in Computer Science, 2023, , 610-626. | 1.0 | 0 |
| 401 | Using Virtual Reality Learning Environments to Improve Success for Online Students. Lecture Notes in Networks and Systems, 2023, , 940-947. | 0.5 | 0 |
| 407 | Extinction-Based Exposure Therapies Using Virtual Reality. Current Topics in Behavioral Neurosciences, 2023, , . | 0.8 | 0 |
| 409 | AppgestÄ¼tzte Therapie und Virtuelle RealitÄ¼t. , 2023, , 129-143. | | 0 |
| 412 | Virtual Reality Treatments. , 2023, , 293-308. | | 0 |
| 424 | Enter the Virtual Forest. Advances in Medical Technologies and Clinical Practice Book Series, 2023, , 84-107. | 0.3 | 0 |
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| 429 | Virtual Reality Therapy. Advances in Medical Technologies and Clinical Practice Book Series, 2023, , 375-394. | 0.3 | 0 |
| 430 | Unveiling Emotions in Virtual Reality: Exploring Personal Narratives of US Veterans on VR Chat. IFIP Advances in Information and Communication Technology, 2024, , 68-80. | 0.5 | 0 |
| 442 | REALISM IN RECOVERY: The Effect of Recorded (360Â°) and Computer Generated (CG) Environments and Humans in Virtual Reality Exposure Therapy (VRET). Springer Proceedings in Business and Economics, 2024, , 61-73. | 0.3 | 0 |
| 445 | The use of virtual reality in people with frozen shoulder. , 2024, , 257-279. | | 0 |
| 449 | The history and evolution of the metaverse. , 2024, , 19-36. | | 0 |
| 450 | At the Verge of â€˜Isâ€™ and â€˜Could Beâ€™: Storytelling as Medium to Develop Critical Ethical Skills. The International Library of Ethics, Law and Technology, 2024, , 313-330. | 0.2 | 0 |