Transcranial Ultrasound (TUS) Effects on Mental States

Brain Stimulation 6, 409-415 DOI: 10.1016/j.brs.2012.05.002

Citation Report

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Pulsed Ultrasound Differentially Stimulates Somatosensory Circuits in Humans as Indicated by EEG and fMRI. PLoS ONE, 2012, 7, e51177. | 2.5 | 84 |
| 2 | A New Methodology of Viewing Extra-Axial Fluid and Cortical Abnormalities in Children with Autism via Transcranial Ultrasonography. Frontiers in Human Neuroscience, 2014, 7, 934. | 2.0 | 14 |
| 3 | Robust sequential working memory recall in heterogeneous cognitive networks. Frontiers in Systems Neuroscience, 2014, 8, 220. | 2.5 | 16 |
| 4 | Consciousness in the universe. Physics of Life Reviews, 2014, 11, 39-78. | 2.8 | 463 |
| 5 | Transcranial focused ultrasound modulates the activity of primary somatosensory cortex in humans. Nature Neuroscience, 2014, 17, 322-329. | 14.8 | 708 |
| 6 | Low-Intensity Focused Ultrasound Pulsation Device Used During Magnetic Resonance Imaging: Evaluation of Magnetic Resonance Imaging-Related Heating at 3 Tesla/128 MHz. Neuromodulation, 2014, 17, 236-241. | 0.8 | 8 |
| 7 | An Overview of Biofield Devices. Global Advances in Health and Medicine, 2015, 4, gahmj.2015.022 | 1.6 | 20 |
| 8 | Theoretical analysis of transcranial Hall-effect stimulation based on passive cable model. Chinese Physics B, 2015, 24, 124302. | 1.4 | 2 |
| 9 | Ipsi- and Contralateral Motor Response Using Ultrasound-induced Neurostimulation in Deeply Anesthetized Mice. Physics Procedia, 2015, 70, 1212-1215. | 1.2 | 3 |
| 10 | Drug-loaded bubbles with matched focused ultrasound excitation for concurrent blood–brain barrier opening and brain-tumor drug delivery. Acta Biomaterialia, 2015, 15, 89-101. | 8.3 | 67 |
| 11 | Effect of ultrasounds on neurons and microglia: Cell viability and automatic analysis of cell morphology. Biomedical Signal Processing and Control, 2015, 22, 44-53. | 5.7 | 5 |
| 12 | Image-Guided Transcranial Focused Ultrasound Stimulates Human Primary Somatosensory Cortex. Scientific Reports, 2015, 5, 8743. | 3.3 | 298 |
| 13 | Conditionally Increased Acoustic Pressures in Nonfetal Diagnostic Ultrasound Examinations Without Contrast Agents: A Preliminary Assessment. Journal of Ultrasound in Medicine, 2015, 34, 1-41. | 1.7 | 48 |
| 14 | A Review of Low-Intensity Transcranial Focused Ultrasound for Clinical Applications. Current Behavioral Neuroscience Reports, 2015, 2, 60-66. | 1.3 | 49 |
| 15 | Understanding Schizophrenia as a Disorder of Consciousness: Biological Correlates and Translational Implications from Quantum Theory Perspectives. Clinical Psychopharmacology and Neuroscience, 2015, 13, 36-47. | 2.0 | 15 |
| 16 | Review Paper: A Review on Brain Stimulation Using Low Intensity Focused Ultrasound. Basic and Clinical Neuroscience, 2016, 7, 187-94. | 0.6 | 78 |
| 17 | Noninvasive transcranial focused ultrasonic-magnetic stimulation for modulating brain oscillatory activity. EPJ Applied Physics, 2016, 73, 21201. | 0.7 | 3 |
| 18 | Development of a Wearable Robotic Positioning System for Noninvasive Transcranial Focused Ultrasound Stimulation. IEEE/ASME Transactions on Mechatronics, 2016, 21, 2284-2293. | 5.8 | 14 |

| | CITATION R | EPORT | |
|----|--|-------|-----------|
| # | Article | IF | CITATIONS |
| 19 | Ultrasonic neuromodulation. Journal of Neural Engineering, 2016, 13, 031003. | 3.5 | 175 |
| 20 | Brain Neuromodulation Techniques. Neuroscientist, 2016, 22, 406-421. | 3.5 | 98 |
| 21 | Does Exposure to Diagnostic Ultrasound Modulate Human Nerve Responses to Magnetic Stimulation?. Ultrasound in Medicine and Biology, 2016, 42, 2950-2956. | 1.5 | 4 |
| 22 | Electrophysiological Source Imaging of Brain Networks Perturbed by Low-Intensity Transcranial Focused Ultrasound. IEEE Transactions on Biomedical Engineering, 2016, 63, 1787-1794. | 4.2 | 58 |
| 23 | A review of low-intensity focused ultrasound for neuromodulation. Biomedical Engineering Letters, 2017, 7, 135-142. | 4.1 | 98 |
| 24 | Microtubule associated protein 2 in bipolar depression: Impact of pregnenolone. Journal of Affective Disorders, 2017, 218, 49-52. | 4.1 | 12 |
| 25 | Photobiomodulation and Other Light Stimulation Procedures. , 2017, , 97-129. | | 7 |
| 26 | Unmyelinated Peripheral Nerves Can Be Stimulated inÂVitro Using Pulsed Ultrasound. Ultrasound in Medicine and Biology, 2017, 43, 2269-2283. | 1.5 | 50 |
| 27 | Toward a Cognitive Neural Prosthesis Using Focused Ultrasound. Frontiers in Neuroscience, 2017, 11, 607. | 2.8 | 23 |
| 28 | The Ruggiero-Klinghardt (RK) Protocol for the Diagnosis and Treatment of Chronic Conditions with Particular Focus on Lyme Disease. American Journal of Immunology, 2017, 13, 114-126. | 0.1 | 2 |
| 29 | Neuromodulation with transcranial focused ultrasound. Neurosurgical Focus, 2018, 44, E14. | 2.3 | 119 |
| 30 | Low-intensity focused ultrasound alters the latency and spatial patterns of sensory-evoked cortical responses <i>in vivo</i> . Journal of Neural Engineering, 2018, 15, 035004. | 3.5 | 18 |
| 31 | Non-invasive peripheral nerve stimulation via focused ultrasound <i>in vivo</i> . Physics in Medicine and Biology, 2018, 63, 035011. | 3.0 | 100 |
| 32 | A Review of the Current Therapies, Challenges, and Future Directions of Transcranial Focused Ultrasound Technology. JAMA Neurology, 2018, 75, 246. | 9.0 | 176 |
| 33 | Capacitive Micromachined Ultrasonic Transducer (CMUT) ring array for transcranial ultrasound neuromodulation. , 2018, 2018, 2675-2678. | | 6 |
| 34 | On the neuromodulatory pathways of the inÂvivo brain by means of transcranial focused ultrasound. Current Opinion in Biomedical Engineering, 2018, 8, 61-69. | 3.4 | 45 |
| 35 | Increased Excitability Induced in the Primary Motor Cortex by Transcranial Ultrasound Stimulation. Frontiers in Neurology, 2018, 9, 1007. | 2.4 | 65 |
| 36 | Noninvasive Focused Ultrasound for Neuromodulation. Psychiatric Clinics of North America, 2018, 41, 505-514. | 1.3 | 43 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Cortical Hemodynamic Responses Under Focused Ultrasound Stimulation Using Real-Time Laser Speckle Contrast Imaging. Frontiers in Neuroscience, 2018, 12, 269. | 2.8 | 20 |
| 38 | Modulation of Brain Function and Behavior by Focused Ultrasound. Current Behavioral Neuroscience Reports, 2018, 5, 153-164. | 1.3 | 27 |
| 39 | Low-intensity ultrasound neuromodulation: An overview of mechanisms and emerging human applications. Brain Stimulation, 2018, 11, 1209-1217. | 1.6 | 193 |
| 40 | Antidepressant-Like Effect of Low-Intensity Transcranial Ultrasound Stimulation. IEEE Transactions on Biomedical Engineering, 2019, 66, 411-420. | 4.2 | 68 |
| 41 | Electrophysiological-mechanical coupling in the neuronal membrane and its role in ultrasound neuromodulation and general anaesthesia. Acta Biomaterialia, 2019, 97, 116-140. | 8.3 | 50 |
| 42 | Transcranial Focused Ultrasound (tFUS) and Transcranial Unfocused Ultrasound (tUS) Neuromodulation: From Theoretical Principles to Stimulation Practices. Frontiers in Neurology, 2019, 10, 549. | 2.4 | 100 |
| 43 | Ultrasonic Neuromodulation via Astrocytic TRPA1. Current Biology, 2019, 29, 3386-3401.e8. | 3.9 | 139 |
| 44 | Ultrasound Neuromodulation: A Review of Results, Mechanisms and Safety. Ultrasound in Medicine and Biology, 2019, 45, 1509-1536. | 1.5 | 297 |
| 45 | Brain Modulatory Effects by Low-Intensity Transcranial Ultrasound Stimulation (TUS): A Systematic Review on Both Animal and Human Studies. Frontiers in Neuroscience, 2019, 13, 696. | 2.8 | 26 |
| 46 | Computational model of the mechanoelectrophysiological coupling in axons with application to neuromodulation. Physical Review E, 2019, 99, 032406. | 2.1 | 46 |
| 47 | Putative novel neuromodulatory treatments for affective disorders – What might emerge?. Personalized Medicine in Psychiatry, 2019, 17-18, 46-50. | 0.1 | 1 |
| 48 | A Review of Low-Intensity Pulsed Ultrasound for Therapeutic Applications. IEEE Transactions on Biomedical Engineering, 2019, 66, 2704-2718. | 4.2 | 159 |
| 49 | Transcranial Direct Current Stimulation for Affective Symptoms and Functioning in Chronic Low Back Pain: A Pilot Double-Blinded, Randomized, Placebo-Controlled Trial. Pain Medicine, 2019, 20, 1166-1177. | 1.9 | 25 |
| 50 | Ultrasonic Neuromodulation and Sonogenetics: A New Era for Neural Modulation. Frontiers in Physiology, 2020, 11, 787. | 2.8 | 27 |
| 51 | Magnetic resonance-guided focused ultrasound for movement disorders: clinical and neuroimaging advances. Current Opinion in Neurology, 2020, 33, 488-497. | 3.6 | 8 |
| 52 | Transcranial Focused Ultrasound Neuromodulation of Voluntary Movement-Related Cortical Activity in Humans. IEEE Transactions on Biomedical Engineering, 2021, 68, 1923-1931. | 4.2 | 28 |
| 53 | Ultrasound neuromodulation depends on pulse repetition frequency and can modulate inhibitory effects of TTX. Scientific Reports, 2020, 10, 15347. | 3.3 | 33 |
| 54 | Recent progress on peripheral neural interface technology towards bioelectronic medicine. Bioelectronic Medicine, 2020, 6, 23. | 2.3 | 41 |

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 55 | Wearable Transcranial Ultrasound System for Remote Stimulation of Freely Moving Animal. IEEE Transactions on Biomedical Engineering, 2021, 68, 2195-2202. | 4.2 | 12 |
| 56 | Transcranial Ultrasound Innovations Ready for Broad Clinical Application. Advanced Science, 2020, 7, 2002026. | 11.2 | 30 |
| 57 | Remote, brain region–specific control of choice behavior with ultrasonic waves. Science Advances, 2020, 6, eaaz4193. | 10.3 | 73 |
| 58 | New Developments in Non-invasive Brain Stimulation in Chronic Pain. Current Physical Medicine and Rehabilitation Reports, 2020, 8, 280-292. | 0.8 | 9 |
| 59 | Incisionless MR-guided focused ultrasound: technical considerations and current therapeutic approaches in psychiatric disorders. Expert Review of Neurotherapeutics, 2020, 20, 687-696. | 2.8 | 9 |
| 60 | Neuromodulation Management of Chronic Neuropathic Pain in the Central Nervous System. Advanced Functional Materials, 2020, 30, 1908999. | 14.9 | 33 |
| 61 | Targeted manipulation of pain neural networks: The potential of focused ultrasound for treatment of chronic pain. Neuroscience and Biobehavioral Reviews, 2020, 115, 238-250. | 6.1 | 10 |
| 62 | Histologic safety of transcranial focused ultrasound neuromodulation and magnetic resonance acoustic radiation force imaging in rhesus macaques and sheep. Brain Stimulation, 2020, 13, 804-814. | 1.6 | 54 |
| 63 | Repeated Application of Transcranial Diagnostic Ultrasound Towards the Visual Cortex Induced Illusory Visual Percepts in Healthy Participants. Frontiers in Human Neuroscience, 2020, 14, 66. | 2.0 | 12 |
| 64 | Neuroprotective Effect of Low-Intensity Transcranial Ultrasound Stimulation in Moderate Traumatic Brain Injury Rats. Frontiers in Neuroscience, 2020, 14, 172. | 2.8 | 9 |
| 65 | Transcranial Focused Ultrasound to the Right Prefrontal Cortex Improves Mood and Alters Functional Connectivity in Humans. Frontiers in Human Neuroscience, 2020, 14, 52. | 2.0 | 114 |
| 66 | New neuromodulation techniques for treatment resistant depression. International Journal of Psychiatry in Clinical Practice, 2020, 24, 106-115. | 2.4 | 11 |
| 67 | A retrospective qualitative report of symptoms and safety from transcranial focused ultrasound for neuromodulation in humans. Scientific Reports, 2020, 10, 5573. | 3.3 | 54 |
| 68 | Future Research in Pain. , 2021, , 255-267. | | 0 |
| 69 | Ultrasound Neuromodulation: Integrating Medicine and Engineering for Neurological Disease Treatment. BIO Integration, 2021, 2, . | 1.3 | 4 |
| 70 | Evaluation of an MRI receive head coil for use in transcranial MR guided focused ultrasound for functional neurosurgery. International Journal of Hyperthermia, 2021, 38, 22-29. | 2.5 | 7 |
| 71 | Mechanisms and Applications of Neuromodulation Using Surface Acoustic Waves—A Mini-Review. Frontiers in Neuroscience, 2021, 15, 629056. | 2.8 | 13 |
| 72 | Focused ultrasound neuromodulation. International Review of Neurobiology, 2021, 159, 221-240. | 2.0 | 8 |

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 73 | Ultrasound-sensitive nanodroplets achieve targeted neuromodulation. Journal of Controlled Release, 2021, 332, 30-39. | 9.9 | 29 |
| 74 | Exploratory study on neurochemical effects of low-intensity pulsed ultrasound in brains of mice. Medical and Biological Engineering and Computing, 2021, 59, 1099-1110. | 2.8 | 8 |
| 75 | Transcranial Focused Ultrasound Enhances Sensory Discrimination Capability through Somatosensory Cortical Excitation. Ultrasound in Medicine and Biology, 2021, 47, 1356-1366. | 1.5 | 23 |
| 76 | Entrainment of cerebellar Purkinje cell spiking activity using pulsed ultrasound stimulation. Brain Stimulation, 2021, 14, 598-606. | 1.6 | 17 |
| 77 | Intrinsic functional neuron-type selectivity of transcranial focused ultrasound neuromodulation. Nature Communications, 2021, 12, 2519. | 12.8 | 102 |
| 78 | Implication of auditory confounding in interpreting somatosensory and motor responses in low-intensity focused transcranial ultrasound stimulation. Journal of Neurophysiology, 2021, 125, 2356-2360. | 1.8 | 5 |
| 80 | Noninvasive neuromodulation of the prefrontal cortex in mental health disorders. Neuropsychopharmacology, 2022, 47, 361-372. | 5.4 | 11 |
| 81 | Transcranial Focused Ultrasound Neuromodulation: A Review of the Excitatory and Inhibitory Effects on Brain Activity in Human and Animals. Frontiers in Human Neuroscience, 2021, 15, 749162. | 2.0 | 28 |
| 82 | Neuroprotective effects of low-intensity transcranial ultrasound stimulation combined with Baicalin intervention on traumatic brain injury in animals. Brain Research Bulletin, 2021, 175, 246-253. | 3.0 | 2 |
| 83 | Improving image quality in transcranial magnetic resonance guided focused ultrasound using a conductive screen. Magnetic Resonance Imaging, 2021, 83, 41-49. | 1.8 | 4 |
| 84 | Evaluating the Therapeutic Effect of Lowâ€Intensity Transcranial Ultrasound on Traumatic Brain Injury With Diffusion Kurtosis Imaging. Journal of Magnetic Resonance Imaging, 2020, 52, 520-531. | 3.4 | 7 |
| 85 | A double-blind pilot study of transcranial ultrasound (TUS) as a five-day intervention: TUS mitigates worry among depressed participants. Neurology Psychiatry and Brain Research, 2020, 37, 60-66. | 2.0 | 30 |
| 86 | Direct activation of zebrafish neurons by ultrasonic stimulation revealed by whole CNS calcium imaging. Journal of Neural Engineering, 2020, 17, 056033. | 3.5 | 2 |
| 91 | Therapeutic Applications of Ultrasound in Neurological Diseases. Journal of Neurosonology and Neuroimaging, 2019, 11, 62-72. | 0.1 | 8 |
| 92 | Systematic examination of low-intensity ultrasound parameters on human motor cortex excitability and behavior. ELife, 2020, 9, . | 6.0 | 64 |
| 93 | Modulation in Action Potentials of Rat Hippocampal Neurons Measured on Multi-Channel Electrodes During Ultrasound Stimulation. Journal of Biomedical Engineering Research, 2013, 34, 177-181. | 0.1 | 1 |
| 94 | Post-stroke Motor Rehabilitation. Translational Medicine Research, 2017, , 517-535. | 0.0 | 1 |
| 97 | On the impact of quantum biology and relativistic time dilation in autism. AIMS Molecular Science, 2018, 5, 90-95. | 0.5 | 1 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 98 | Safety culture. , 2018, , 304-339. | | 0 |
| 99 | Immune System and Mind-Body Medicine – An Overview. , 2019, , 1-19. | | 2 |
| 102 | Immune System and Mind-Body Medicine: An Overview. , 2020, , 97-115. | | 0 |
| 103 | Transcranial ultrasound stimulation of the human motor cortex. IScience, 2021, 24, 103429. | 4.1 | 35 |
| 106 | Long term study of motivational and cognitive effects of low-intensity focused ultrasound neuromodulation in the dorsal striatum of nonhuman primates. Brain Stimulation, 2022, 15, 360-372. | 1.6 | 26 |
| 107 | The future perspectives of psychiatric neurosurgery. Progress in Brain Research, 2022, 270, 211-228. | 1.4 | 0 |
| 108 | Human Ultrasound Neuromodulation: State of the Art. Brain Sciences, 2022, 12, 208. | 2.3 | 4 |
| 109 | Non-invasive transcranial ultrasound stimulation for neuromodulation. Clinical Neurophysiology, 2022, 135, 51-73. | 1.5 | 87 |
| 110 | The Updated Role of Transcranial Ultrasound Neuromodulation in Ischemic Stroke: From Clinical and Basic Research. Frontiers in Cellular Neuroscience, 2022, 16, 839023. | 3.7 | 5 |
| 111 | Low Intensity Focused Ultrasound for Non-invasive and Reversible Deep Brain Neuromodulation—A Paradigm Shift in Psychiatric Research. Frontiers in Psychiatry, 2022, 13, 825802. | 2.6 | 18 |
| 113 | Transcranial Ultrasound Stimulation of the Anterior Cingulate Cortex Reduces Neuropathic Pain in Mice. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-14. | 1.2 | 9 |
| 121 | Current State of Potential Mechanisms Supporting Low Intensity Focused Ultrasound for Neuromodulation. Frontiers in Human Neuroscience, 2022, 16, 872639. | 2.0 | 23 |
| 122 | Low-Intensity Transcranial Ultrasound Stimulation: Mechanisms of Action and Rationale for Future Applications in Movement Disorders. Brain Sciences, 2022, 12, 611. | 2.3 | 3 |
| 123 | Clinical Intervention Using Focused Ultrasound (FUS) Stimulation of the Brain in Diverse Neurological Disorders. Frontiers in Neurology, 2022, 13, . | 2.4 | 15 |
| 124 | Human Studies of Transcranial Ultrasound neuromodulation: A systematic review of effectiveness and safety. Brain Stimulation, 2022, 15, 737-746. | 1.6 | 36 |
| 125 | Focused Ultrasound for Chronic Pain. Neurosurgery Clinics of North America, 2022, , . | 1.7 | 1 |
| 126 | How COVID-19 Hijacks the Cytoskeleton: Therapeutic Implications. Life, 2022, 12, 814. | 2.4 | 4 |
| 127 | High-frequency ultrasound exposure improves depressive-like behavior in an olfactory bulbectomized rat model of depression. NeuroReport, 2022, 33, 445-449. | 1.2 | 0 |

| # | Article | IF | CITATIONS |
|-----|---|------|-----------|
| 128 | Neuromodulation Using Transcranial Focused Ultrasound on the Bilateral Medial Prefrontal Cortex. Journal of Clinical Medicine, 2022, 11, 3809. | 2.4 | 9 |
| 129 | Transcranial ultrasound neuromodulation induces neuronal correlation change in the rat somatosensory cortex. Journal of Neural Engineering, 0, , . | 3.5 | 1 |
| 131 | Modulation effect of non-invasive transcranial ultrasound stimulation in an ADHD rat model. Journal of Neural Engineering, 2023, 20, 016003. | 3.5 | 2 |
| 132 | Morphological and Functional Effects of Ultrasound on Blood–Brain Barrier Transitory Opening: An In Vitro Study on Rat Brain Endothelial Cells. Cells, 2023, 12, 192. | 4.1 | 0 |
| 133 | A Review of Chronic Pain and Device Interventions: Benefits and Future Directions. Pain and Therapy, 2023, 12, 341-354. | 3.2 | 1 |
| 134 | Transcranial Ultrasound Stimulation. , 2023, , 2135-2173. | | 0 |
| 135 | Transcranial focused ultrasound modulates the emergence of learned helplessness via midline theta modification. Journal of Affective Disorders, 2023, 329, 273-284. | 4.1 | 4 |
| 136 | Nucleus accumbens in the pathogenesis of major depressive disorder: A brief review. Brain Research Bulletin, 2023, 196, 68-75. | 3.0 | 6 |
| 137 | Transcranial ultrasound stimulation modulates the interhemispheric balance of excitability in human motor cortex. Journal of Neural Engineering, 2023, 20, 016043. | 3.5 | 3 |
| 138 | Acoustofluidics – changing paradigm in tissue engineering, therapeutics development, and biosensing. Lab on A Chip, 2023, 23, 1300-1338. | 6.0 | 8 |
| 139 | Transcranial low-intensity ultrasound stimulation for treating central nervous system disorders: A promising therapeutic application. Frontiers in Neurology, 0, 14, . | 2.4 | 5 |
| 140 | Ultrasound Neuromodulation as a New Brain Therapy. Advanced Science, 2023, 10, . | 11.2 | 6 |
| 141 | Low-Intensity Focused Ultrasound Neuromodulation for Stroke Recovery: A Novel Deep Brain Stimulation Approach for Neurorehabilitation?. IEEE Open Journal of Engineering in Medicine and Biology, 2023, 4, 300-318. | 2.3 | 2 |
| 142 | Dépression résistante aux traitements. , 2023, , 85-121. | | 0 |
| 143 | Investigating the role of the right inferior frontal gyrus in control perception: A double-blind cross-over study using ultrasonic neuromodulation. Neuropsychologia, 2023, 187, 108589. | 1.6 | 2 |
| 144 | Excitatoryâ€inhibitory modulation of transcranial focus ultrasound stimulation on human motor cortex. CNS Neuroscience and Therapeutics, 2023, 29, 3829-3841. | 3.9 | 1 |
| 146 | Application of transcranial brain stimulation in dementia. Tzu Chi Medical Journal, 2023, 35, 300-305. | 1.1 | 1 |
| 147 | Transcranial pulse stimulation in Alzheimer's disease. CNS Neuroscience and Therapeutics, 2024, 30, . | 3.9 | 0 |

| # | Article | IF | CITATIONS |
|-----|--|------|-----------|
| 148 | Inhibition of midfrontal theta with transcranial ultrasound explains greater approach versus withdrawal behavior in humans. Brain Stimulation, 2023, 16, 1278-1288. | 1.6 | 1 |
| 149 | Development and validation of a computational method to predict unintended auditory brainstem response during transcranial ultrasound neuromodulation in mice. Brain Stimulation, 2023, 16, 1362-1370. | 1.6 | 0 |
| 150 | Durable effects of deep brain ultrasonic neuromodulation on major depression: a case report. Journal of Medical Case Reports, 2023, 17, . | 0.8 | 4 |
| 151 | Transcranial Ultrasonic Neurostimulation. , 2023, , 177-185. | | 0 |
| 153 | The effectiveness and safety of low-intensity transcranial ultrasound stimulation: A systematic review of human and animal studies. Neuroscience and Biobehavioral Reviews, 2024, 156, 105501. | 6.1 | 1 |
| 155 | Brain stimulation poised to move from last resort to frontline treatment. Proceedings of the National Academy of Sciences of the United States of America, 2024, 121, . | 7.1 | 0 |
| 156 | Neuromodulation techniques $\hat{a} \in$ From non-invasive brain stimulation to deep brain stimulation. Neurotherapeutics, 2024, 21, e00330. | 4.4 | 0 |
| 158 | Clinical Potential of Transcranial Focused Ultrasound for Neurorehabilitation in Pediatric Cancer Survivors. Brain Sciences, 2024, 14, 218. | 2.3 | 0 |
| 159 | A review of functional neuromodulation in humans using low-intensity transcranial focused ultrasound. Biomedical Engineering Letters, 2024, 14, 407-438. | 4.1 | 0 |
| 160 | Miniaturized therapeutic systems for ultrasound-modulated drug delivery to the central and peripheral nervous system. Advanced Drug Delivery Reviews, 2024, 208, 115275. | 13.7 | 0 |
| 161 | Advances in using ultrasound to regulate the nervous system. Neurological Sciences, 0, , . | 1.9 | 0 |
| 162 | Transcranial focused ultrasound of the amygdala modulates fear network activation and connectivity. Brain Stimulation, 2024, 17, 312-320. | 1.6 | 0 |