February 2021 News **PLEASE FORWARD TO YOUR COLLEAGUES** **www.wikistim.org**

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UPDATE

As we begin the 12th month of life during a pandemic, with the current challenge defined by the race between vaccine production and the never-ending mutations that might increase the power of the virus, we send out the hope that all of you who are working with patients have been vaccinated or soon will be. Like many of our generation, we are now eligible and are waiting our turn. Once again, we thank all of the health care workers who continue to risk their lives and health treating infected patients. We also thank the researchers who developed the vaccines and those who are organizing distribution.

HOW TO TAKE ADVANTAGE OF THIS NEWSLETTER TO BUILD YOUR LIBRARY

Each month, we check every PubMed link in our new citation lists to determine whether or not the abstracted paper is available as free full-text. When we find such papers, we provide the links herein; thus, the newsletter offers one-stop clicking, which saves time. This month, our readers can download 49 full-text papers from our 106 new citations. We invite you to take advantage of our effort to make your lives easier and to build your neurostimulation library.

THE HEGEMONY OF THE ALPHABET AND OUR PLAN FOR A SMALL IMPROVEMENT

For some time, we have been listing the "most clicked" citations from the previous month. For a while, we presented "most clicked" before we listed the new citations, but then we recognized that this simply caused the previously "most clicked" to continue as the "most clicked." It has become abundantly clear, furthermore, that the "most clicked" citations are generally those that appear first in each category simply because the first author's last name is near the beginning of the alphabet. As this is not meaningful, we propose instead to find a way to identify the "most cited" papers in the WIKISTIM database.

Many of the "most cited" papers in our field, however, are review articles and guidelines that do not meet our current inclusion criteria - namely, papers that report primary data, modeling studies, and study protocols. For some time, we have been considering adding citations for selected reviews and meta-analyses, which a few users have said would be helpful. If any of our readers wishes to weigh in on this proposal, we would be delighted to hear from you. Would adding these citations be useful?

MEMBERSHIP
In January, the number of our subscribers grew to 1408. Thank you for helping to spread the word!

CITATIONS ADDED JANUARY 26, 2021 (if necessary, please click "View Entire Message")

Deep Brain Stimulation (now 6005 citations, with 2 completed WIKISTIM abstracts)

1. Alonso-Matielo H, Gonçalves ES, Campos M, Oliveira VRS, Toniolo EF, Alves AS, Lebrun I, de Andrade DC, Teixeira MJ, Britto LRG, Hamani C, Dale CS. Electrical stimulation of the posterior insula induces mechanical analgesia in a rodent model of neuropathic pain by modulating GABAergic signaling and activity in the pain circuitry. Brain Res 2021 epub PubMed
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12. Doshi PK, Rai N, Das D. Surgical and hardware complications of deep brain stimulation-a single surgeon experience of 519 cases over 20 years. Neuromodulation 2021 epub PubMed Full Text
13. Du TT, Chen YC, Zhu GY, Liu DF, Liu YY, Yuan TS, Zhang X, Zhang JG. Anterior thalamic nuclei deep brain stimulation inhibits mossy fiber sprouting via 3',5'-cyclic adenosine monophosphate protein kinase A signaling pathway in a chronic epileptic monkey model. Chin Med J (Engl) 2021 epub PubMed
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15. Eisenberg HJ, Malinova V, Mielke D, Bähr M, Göricke MB, van Riesen C. *ADCY5*-induced dyskinetic storm rescued with pallidal deep brain stimulation in a 46-year-old man. Mov Disord Clin Pract 2020 8(1):142-144 PubMed Free Full Text
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21. Heiden P, Hoevels M, Bayram D, Baldermann JC, Schüller T, Huys D, Visser-Vandewalle V, Andrade P. Connectivity patterns of deep brain stimulation targets in patients with Gilles de la Tourette syndrome. Brain Sci 2021 11(1):E87 PubMed Free Full Text
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Dorsal Root Ganglion Stimulation (now 158 citations, with 9 completed WIKISTIM abstracts)

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3. Parker T, Divanbeighi AP, Huang Y, Aziz TZ, Sverrisdottir YB, Green AL. Dorsal root ganglion stimulation: a new target for autonomic neuromodulation? Clin Auton Res 2021 epub PubMed
4. Sankarasubramanian V, Chiravuri S, Mirzakhalili E, Anaya CJ, Scott JR, Brummett CM, Clauw DJ, Patil PG, Harte SE, Lempka SF. Quantitative sensory testing of spinal cord and dorsal root ganglion stimulation in chronic pain patients. Neuromodulation 2021 epub PubMed Full Text

Gastric Electrical Stimulation (now 507 citations)

1. Leitzke M, Schimpf S, Altrock M, Schönknecht P, Bischoff S, Schubert H, Hoyer D, Bauer R, Olbrich S. Afferent vagal stimulation via gastric electrical stimulation alters sympathetic-vagal balance in domestic pigs - a pilot trial. J Biol Regul Homeost Agents 2021 35(1) PubMed Free Full Text
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Physiol Regul Integr Comp Physiol 2021 epub PubMed

Peripheral Nerve Stimulation (now 485 citations, with 6 completed WIKISTIM abstracts)

1. Baudry S, Duchateau J. Changes in corticospinal excitability during the preparation phase of ballistic and ramp contractions. J Physiol 2021 epub PubMed
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3. Gabriel RA, Ilfeld BM. Acute postoperative pain management with percutaneous peripheral nerve stimulation: the SPRINT neuromodulation system. Expert Rev Med Devices 2021 epub PubMed
4. Habekost B, Germann M, Baker SN. Plastic changes in primate motor cortex following paired peripheral nerve stimulation. J Neurophysiol 2020 epub PubMed
5. Hokanson JA, Langdale CL, Sridhar A, Milliken P, Grill WM. State-dependent bioelectronic interface to control bladder function. Sci Rep 2021 11(1):314 PubMed Free Full Text
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Spinal Cord Stimulation (now 2678 citations, with 133 completed or partially completed WIKISTIM abstracts)

1. Al-Kaisy A, Vajramani G, Love-Jones S, Patel NK, Royds J, Palmisani S, Pang D, Wesley S, Park HJ, Raza A, Agnesi F. Multicentre, clinical trial of burst spinal cord stimulation for neck and upper limb pain NU-BURST: a trial protocol. Neurol Sci 2021 epub PubMed
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4. Goudman L, Van Buyten JP, De Smedt A, Smet I, Devos M, Jerjir A, Moens M. Predicting the response of high frequency spinal cord stimulation in patients with failed back surgery syndrome: a retrospective study with machine learning techniques. J Clin Med 2020 9(12):4131 PubMed Free Full Text
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7. Motov S, Aftahy K, Jörger AK, Wagner A, Meyer B, Shiban E. High-frequency spinal cord stimulation in failed back surgery syndrome patients with predominant low back pain-single-center experience. Neurosurg Rev 2021 epub PubMed Free Full Text
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9. Yao Q, Guan J, Ma L, Cheng L, Duan F, Xu F, Zhao W, Duan W, Wu H, Chen Z, Jian F. Wireless epidural electrical stimulation in combination with serotonin agonists improves intraspinal

metabolism in spinal cord injury rats. Neuromodulation 2020 epub PubMed Full Text
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Sacral Nerve Stimulation (now 1064 citations)

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