# Kei Saito

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9611296/publications.pdf

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| 33 | 489 | 933447 | 752698 |
|---|---|---|---|
| papers | citations | 10 h-index | 20 g-index |

| 33 | 33 | 33 | 597 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Comparison of Three Non-Invasive Transcranial Electrical Stimulation Methods for Increasing Cortical Excitability. Frontiers in Human Neuroscience, 2016, 10, 668. | 2.0 | 105 |
| 2 | Effect of noisy galvanic vestibular stimulation on center of pressure sway of static standing posture. Brain Stimulation, 2018, 11, 85-93. | 1.6 | 53 |
| 3 | Transcranial Alternating Current Stimulation With Gamma Oscillations Over the Primary Motor Cortex and Cerebellar Hemisphere Improved Visuomotor Performance. Frontiers in Behavioral Neuroscience, 2018, 12, 132. | 2.0 | 42 |
| 4 | Gamma tACS over M1 and cerebellar hemisphere improves motor performance in a phase-specific manner. Neuroscience Letters, 2019, 694, 64-68. | 2.1 | 36 |
| 5 | Influence of Transcranial Direct Current Stimulation to the Cerebellum on Standing Posture Control. Frontiers in Human Neuroscience, 2016, 10, 325. | 2.0 | 32 |
| 6 | Comparison of transcranial electrical stimulation regimens for effects on inhibitory circuit activity in primary somatosensory cortex and tactile spatial discrimination performance. Behavioural Brain Research, 2019, 375, 112168. | 2.2 | 25 |
| 7 | Presence and Absence of Muscle Contraction Elicited by Peripheral Nerve Electrical Stimulation Differentially Modulate Primary Motor Cortex Excitability. Frontiers in Human Neuroscience, 2017, 11, 146. | 2.0 | 18 |
| 8 | Regulation of primary motor cortex excitability by repetitive passive finger movement frequency. Neuroscience, 2017, 357, 232-240. | 2.3 | 15 |
| 9 | The effect of gamma tACS over the M1 region and cerebellar hemisphere does not depend on current intensity. Journal of Clinical Neuroscience, 2019, 65, 54-58. | 1.5 | 14 |
| 10 | 10â€‰Hz transcranial alternating current stimulation over posterior parietal cortex facilitates tactile temporal order judgment. Behavioural Brain Research, 2019, 368, 111899. | 2.2 | 13 |
| 11 | Establishment of optimal two-point discrimination test method and consideration of reproducibility. Neuroscience Letters, 2020, 714, 134525. | 2.1 | 13 |
| 12 | Inhibitory Mechanisms in Primary Somatosensory Cortex Mediate the Effects of Peripheral Electrical Stimulation on Tactile Spatial Discrimination. Neuroscience, 2018, 384, 262-274. | 2.3 | 11 |
| 13 | The modulatory effect of electrical stimulation on the excitability of the corticospinal tract varies according to the type of muscle contraction being performed. Frontiers in Human Neuroscience, 2014, 8, 835. | 2.0 | 10 |
| 14 | Effects of Passive Finger Movement on Cortical Excitability. Frontiers in Human Neuroscience, 2017, 11, 216. | 2.0 | 10 |
| 15 | Repetitive Passive Finger Movement Modulates Primary Somatosensory Cortex Excitability. Frontiers in Human Neuroscience, 2018, 12, 332. | 2.0 | 9 |
| 16 | The effects of mechanical tactile stimulation on corticospinal excitability and motor function depend on pin protrusion patterns. Scientific Reports, 2019, 9, 16677. | 3.3 | 9 |
| 17 | Î±â€tACS over the somatosensory cortex enhances tactile spatial discrimination in healthy subjects with low alpha activity. Brain and Behavior, 2021, 11, e02019. | 2.2 | 9 |
| 18 | Modulation of inhibitory function in the primary somatosensory cortex and temporal discrimination threshold induced by acute aerobic exercise. Behavioural Brain Research, 2020, 377, 112253. | 2.2 | 8 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | The after-effect of noisy galvanic vestibular stimulation on postural control in young people: A randomized controlled trial. Neuroscience Letters, 2020, 729, 135009. | 2.1 | 8 |
| 20 | Somatosensory Inputs Induced by Passive Movement Facilitate Primary Motor Cortex Excitability Depending on the Interstimulus Interval, Movement Velocity, and Joint Angle. Neuroscience, 2018, 386, 194-204. | 2.3 | 7 |
| 21 | Variability and Reliability of Paired-Pulse Depression and Cortical Oscillation Induced by Median Nerve Stimulation. Brain Topography, 2018, 31, 780-794. | 1.8 | 6 |
| 22 | Repetitive Passive Movement Modulates Corticospinal Excitability: Effect of Movement and Rest Cycles and Subject Attention. Frontiers in Behavioral Neuroscience, 2019, 13, 38. | 2.0 | 6 |
| 23 | Effect of Paired-Pulse Electrical Stimulation on the Activity of Cortical Circuits. Frontiers in Human Neuroscience, 2015, 9, 671. | 2.0 | 5 |
| 24 | Effect of Transcranial Electrical Stimulation over the Posterior Parietal Cortex on Tactile Spatial Discrimination Performance. Neuroscience, 2022, 494, 94-103. | 2.3 | 5 |
| 25 | The effect of combined transcranial direct current stimulation and peripheral nerve electrical stimulation on corticospinal excitability. PLoS ONE, 2019, 14, e0214592. | 2.5 | 4 |
| 26 | Effect of Repetitive Passive Movement Before Motor Skill Training on Corticospinal Excitability and Motor Learning Depend on BDNF Polymorphisms. Frontiers in Human Neuroscience, 2021, 15, 621358. | 2.0 | 4 |
| 27 | Region-Specific Effects of 10-Hz Transcranial Alternate Current Stimulation Over the Left Posterior Parietal Cortex and Primary Somatosensory Area on Tactile Two-Point Discrimination Threshold. Frontiers in Neuroscience, 2021, 15, 576526. | 2.8 | 3 |
| 28 | Auditory changeâ€related cortical response is associated with hypervigilance to pain in healthy volunteers. European Journal of Pain, 2022, 26, 349-355. | 2.8 | 3 |
| 29 | Time course of bilateral corticospinal tract excitability in the motor-learning process. Neuroscience Letters, 2019, 711, 134410. | 2.1 | 2 |
| 30 | The intervention of mechanical tactile stimulation modulates somatosensory evoked magnetic fields and cortical oscillations. European Journal of Neuroscience, 2021, 53, 3433-3446. | 2.6 | 2 |
| 31 | Timing of Modulation of Corticospinal Excitability by Heartbeat Differs with Interoceptive Accuracy. Neuroscience, 2020, 433, 156-162. | 2.3 | 1 |
| 32 | Grating orientation task trial numbers for short- and long-term tactile discrimination learning. Journal of Clinical Neuroscience, 2021, 93, 195-199. | 1.5 | 1 |
| 33 | The Number or Type of Stimuli Used for Somatosensory Stimulation Affected the Modulation of Corticospinal Excitability. Brain Sciences, 2021, 11, 1494. | 2.3 | 0 |