

Roberta Sclocco

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,046
citations

623734

14
h-index

677142

22
g-index

40
all docs

40
docs citations

40
times ranked

1207
citing authors

#	ARTICLE	IF	CITATIONS
1	International Consensus Based Review and Recommendations for Minimum Reporting Standards in Research on Transcutaneous Vagus Nerve Stimulation (Version 2020). <i>Frontiers in Human Neuroscience</i> , 2020, 14, 568051.	2.0	143
2	Challenges and opportunities for brainstem neuroimaging with ultrahigh field MRI. <i>NeuroImage</i> , 2018, 168, 412-426.	4.2	121
3	The influence of respiration on brainstem and cardiovagal response to auricular vagus nerve stimulation: A multimodal ultrahigh-field (7T) fMRI study. <i>Brain Stimulation</i> , 2019, 12, 911-921.	1.6	104
4	Modulation of brainstem activity and connectivity by respiratory-gated auricular vagal afferent nerve stimulation in migraine patients. <i>Pain</i> , 2017, 158, 1461-1472.	4.2	99
5	The central autonomic network at rest: Uncovering functional MRI correlates of time-varying autonomic outflow. <i>NeuroImage</i> , 2019, 197, 383-390.	4.2	92
6	Stimulus frequency modulates brainstem response to respiratory-gated transcutaneous auricular vagus nerve stimulation. <i>Brain Stimulation</i> , 2020, 13, 970-978.	1.6	61
7	Dynamic brain-to-brain concordance and behavioral mirroring as a mechanism of the patient-clinician interaction. <i>Science Advances</i> , 2020, 6, .	10.3	46
8	EEG-based index for engagement level monitoring during sustained attention. , 2015, 2015, 1512-5.		42
9	Brain Circuitry Supporting Multi-Organ Autonomic Outflow in Response to Nausea. <i>Cerebral Cortex</i> , 2016, 26, bh172.	2.9	40
10	Motion sickness increases functional connectivity between visual motion and nausea-associated brain regions. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2017, 202, 108-113.	2.8	40
11	Brainstem neuroimaging of nociception and pain circuitries. <i>Pain Reports</i> , 2019, 4, e745.	2.7	40
12	Neuroimaging brainstem circuitry supporting cardiovagal response to pain: a combined heart rate variability/ultrahigh-field (7 T) functional magnetic resonance imaging study. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150189.	3.4	39
13	Ulnar nerve instability in the cubital tunnel of asymptomatic volunteers. <i>Journal of Ultrasound</i> , 2019, 22, 337-344.	1.3	27
14	Neuroimmune signatures in chronic low back pain subtypes. <i>Brain</i> , 2022, 145, 1098-1110.	7.6	24
15	EEG-informed fMRI analysis during a hand grip task: estimating the relationship between EEG rhythms and the BOLD signal. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 186.	2.0	21
16	GMAC: A Matlab toolbox for spectral Granger causality analysis of fMRI data. <i>Computers in Biology and Medicine</i> , 2012, 42, 943-956.	7.0	19
17	Respiratory-gated Auricular Vagal Afferent Nerve Stimulation (RAVANS) effects on autonomic outflow in hypertension. , 2017, 2017, 3130-3133.		15
18	Parcel-Based Connectivity Analysis of fMRI Data for the Study of Epileptic Seizure Propagation. <i>Brain Topography</i> , 2012, 25, 345-361.	1.8	12

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19	Patientâ€œclinician brain concordance underlies causal dynamics in nonverbal communication and negative affective expressivity. <i>Translational Psychiatry</i> , 2022, 12, 44.	4.8	10
20	Nonâ€œuniform gastric wall kinematics revealed by 4D Cine magnetic resonance imaging in humans. <i>Neurogastroenterology and Motility</i> , 2021, 33, e14146.	3.0	9
21	Acute Effects of Respiratory-Gated Auricular Vagal Afferent Nerve Stimulation in the Modulation of Blood Pressure in Hypertensive Patients. , 0, , .		9
22	Modulatory Effects of Respiratory-Gated Auricular Vagal Nerve Stimulation on Cardiovascular Activity in Hypertension*. , 2020, 2020, 2581-2584.		6
23	Cine gastric <scp>MRI</scp> reveals altered <scp>Gutâ€œBrain</scp> Axis in Functional Dyspepsia: gastric motility is linked with brainstemâ€œcortical <scp>fMRI</scp> connectivity. <i>Neurogastroenterology and Motility</i> , 2022, 34, e14396.	3.0	6
24	Combining sudomotor nerve impulse estimation with fMRI to investigate the central sympathetic response to nausea. , 2015, 2015, 4683-6.		4
25	Transcutaneous vagus nerve stimulation increases locus coeruleus function and memory performance in older individuals. <i>Alzheimer's and Dementia</i> , 2020, 16, e044766.	0.8	4
26	S1 Brain Connectivity in Carpal Tunnel Syndrome Underlies Median Nerve and Functional Improvement Following Electro-Acupuncture. <i>Frontiers in Neurology</i> , 2021, 12, 754670.	2.4	4
27	Sonographic measures and sensory threshold of the normal sciatic nerve and hamstring muscles. <i>Journal of Ultrasound</i> , 2022, 25, 47-57.	1.3	3
28	BOLD correlates of Alpha and Beta EEG-rhythm during a motor task. , 2011, , .		2
29	Effects of Respiratory-Gated Auricular Vagal Nerve Stimulation (RAVANS) on Nonlinear Heartbeat Dynamics of Hypertensive Patients. , 0, , .		2
30	EEG-informed fMRI analysis during a hand grip task. , 2012, 2012, 4712-5.		1
31	Frequency-Dependent Effects of Exhalatory-Gated Transcutaneous Vagus Nerve Stimulation on Cardiac Autonomic Regulation in Hypertension. , 2020, , .		1
32	575 Insular Cortex Mediates Autonomic Nervous System Response to Nausea. <i>Gastroenterology</i> , 2013, 144, S-108.	1.3	0
33	682 Brain Circuitry of Autonomic Nervous System Outflow in Response to Nausea. <i>Gastroenterology</i> , 2014, 146, S-121.	1.3	0
34	Su1567 Motion Sickness Increases Functional Connectivity Between Visual Motion and Nausea-Associated Brain Regions. <i>Gastroenterology</i> , 2016, 150, S528.	1.3	0
35	Effects of Respiratory-Gated Auricular Vagal Afferent Nerve Stimulation (RAVANS) in Hypertensive Patients during the Handgrip experiment. , 2020, , .		0
36	Electro-acupuncture alters functional brain connectivity between primary somatosensory cortex and autonomic and pain processing regions in Carpal Tunnel Syndrome. <i>Integrative Medicine Research</i> , 2020, 9, 100506.	1.8	0

#	ARTICLE	IF	CITATIONS
37	S1 functional connectivity during rest and electro-acupuncture tracks median nerve and patient function improvement following acupuncture for carpal tunnel syndrome. <i>Journal of Pain</i> , 2021, 22, 606-607.	1.4	0
38	SPARC: Respiratory-gated Transcutaneous Vagus Nerve Stimulation Modulates Gastric Function in Functional Dyspepsia. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
39	SPARC: Transcutaneous Auricular Vagal Nerve Stimulation Increases Antroduodenal Motility in Rat within a Narrow Range of Stimulus Parameters. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0