

Emilia Michou

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

1,684
citations

279798

23
h-index

315739

38
g-index

85
all docs

85
docs citations

85
times ranked

1289
citing authors

#	ARTICLE	IF	CITATIONS
1	Adjunctive Functional Pharyngeal Electrical Stimulation Reverses Swallowing Disability After Brain Lesions. <i>Gastroenterology</i> , 2010, 138, 1737-1746.e2.	1.3	158
2	Cortical input in control of swallowing. <i>Current Opinion in Otolaryngology and Head and Neck Surgery</i> , 2009, 17, 166-171.	1.8	120
3	European Stroke Organisation and European Society for Swallowing Disorders guideline for the diagnosis and treatment of post-stroke dysphagia. <i>European Stroke Journal</i> , 2021, 6, LXXXIX-CXV.	5.5	92
4	Prevalence of drooling, swallowing, and feeding problems in cerebral palsy across the lifespan: a systematic review and meta-analysis. <i>Developmental Medicine and Child Neurology</i> , 2019, 61, 1249-1258.	2.1	81
5	Characterizing the Mechanisms of Central and Peripheral Forms of Neurostimulation in Chronic Dysphagic Stroke Patients. <i>Brain Stimulation</i> , 2014, 7, 66-73.	1.6	79
6	Reversal of a Virtual Lesion in Human Pharyngeal Motor Cortex by High Frequency Contralesional Brain Stimulation. <i>Gastroenterology</i> , 2009, 137, 841-849.e1.	1.3	75
7	Targeting Unlesioned Pharyngeal Motor Cortex Improves Swallowing in Healthy Individuals and After Dysphagic Stroke. <i>Gastroenterology</i> , 2012, 142, 29-38.	1.3	71
8	Quantification of GABA, glutamate and glutamine in a single measurement at 3T using GABA-edited MEGA-PRESS. <i>NMR in Biomedicine</i> , 2018, 31, e3847.	2.8	58
9	Pharyngeal Electrical Stimulation in Dysphagia Poststroke. <i>Neurorehabilitation and Neural Repair</i> , 2016, 30, 866-875.	2.9	49
10	Transcranial direct current stimulation reverses neurophysiological and behavioural effects of focal inhibition of human pharyngeal motor cortex on swallowing. <i>Journal of Physiology</i> , 2014, 592, 695-709.	2.9	48
11	Examining the Role of Carbonation and Temperature on Water Swallowing Performance: A Swallowing Reaction-Time Study. <i>Chemical Senses</i> , 2012, 37, 799-807.	2.0	47
12	European Society for Swallowing Disorders FEES Accreditation Program for Neurogenic and Geriatric Oropharyngeal Dysphagia. <i>Dysphagia</i> , 2017, 32, 725-733.	1.8	46
13	High-frequency focal repetitive cerebellar stimulation induces prolonged increases in human pharyngeal motor cortex excitability. <i>Journal of Physiology</i> , 2015, 593, 4963-4977.	2.9	41
14	Voice and swallow-related quality of life in idiopathic Parkinson's disease. <i>Laryngoscope</i> , 2016, 126, 408-414.	2.0	39
15	Electrical Stimulation and Swallowing: How Much Do We Know?. <i>Seminars in Speech and Language</i> , 2012, 33, 203-216.	0.8	38
16	Dysphagia in Parkinson's disease: a therapeutic challenge?. <i>Expert Review of Neurotherapeutics</i> , 2010, 10, 875-878.	2.8	37
17	Cerebellar repetitive transcranial magnetic stimulation restores pharyngeal brain activity and swallowing behaviour after disruption by a cortical virtual lesion. <i>Journal of Physiology</i> , 2019, 597, 2533-2546.	2.9	36
18	A Longitudinal Study of Symptoms of Oropharyngeal Dysphagia in an Elderly Community-Dwelling Population. <i>Dysphagia</i> , 2016, 31, 560-566.	1.8	34

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19	Val66Met in Brain-Derived Neurotrophic Factor Affects Stimulus-Induced Plasticity in the Human Pharyngeal Motor Cortex. <i>Gastroenterology</i> , 2011, 141, 827-836.e3.	1.3	32
20	Short-term neurophysiological effects of sensory pathway neurorehabilitation strategies on chronic poststroke oropharyngeal dysphagia. <i>Neurogastroenterology and Motility</i> , 2020, 32, e13887.	3.0	31
21	Virtual Lesioning of the Human Oropharyngeal Motor Cortex: A Videofluoroscopic Study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2012, 93, 1987-1990.	0.9	28
22	Priming Pharyngeal Motor Cortex by Repeated Paired Associative Stimulation. <i>Neurorehabilitation and Neural Repair</i> , 2013, 27, 355-362.	2.9	27
23	Characterization of Corticobulbar Pharyngeal Neurophysiology in Dysphagic Patients With Parkinson's Disease. <i>Clinical Gastroenterology and Hepatology</i> , 2014, 12, 2037-2045.e4.	4.4	27
24	Repetitive Transcranial Magnetic Stimulation: a Novel Approach for Treating Oropharyngeal Dysphagia. <i>Current Gastroenterology Reports</i> , 2016, 18, 10.	2.5	26
25	Rapid improvement in brain and swallowing behavior induced by cerebellar repetitive transcranial magnetic stimulation in poststroke dysphagia: A single patient case-controlled study. <i>Neurogastroenterology and Motility</i> , 2019, 31, e13609.	3.0	25
26	Neurophysiological and Biomechanical Evaluation of the Mechanisms Which Impair Safety of Swallow in Chronic Post-stroke Patients. <i>Translational Stroke Research</i> , 2020, 11, 16-28.	4.2	25
27	Psychometric assessment and validation of the dysphagia severity rating scale in stroke patients. <i>Scientific Reports</i> , 2020, 10, 7268.	3.3	25
28	A multinational consensus on dysphagia in Parkinson's disease: screening, diagnosis and prognostic value. <i>Journal of Neurology</i> , 2022, 269, 1335-1352.	3.6	23
29	Consensus on the treatment of dysphagia in Parkinson's disease. <i>Journal of the Neurological Sciences</i> , 2021, 430, 120008.	0.6	23
30	fMRI and MRS measures of neuroplasticity in the pharyngeal motor cortex. <i>NeuroImage</i> , 2015, 117, 1-10.	4.2	22
31	ESSD Commentary on Dysphagia Management During COVID Pandemia. <i>Dysphagia</i> , 2020, 36, 764-767.	1.8	21
32	Remote effects of intermittent theta burst stimulation of the human pharyngeal motor system. <i>European Journal of Neuroscience</i> , 2012, 36, 2493-2499.	2.6	20
33	Brain and behavioral effects of swallowing carbonated water on the human pharyngeal motor system. <i>Journal of Applied Physiology</i> , 2016, 120, 408-415.	2.5	20
34	Exploring the effects of synchronous pharyngeal electrical stimulation with swallowing carbonated water on cortical excitability in the human pharyngeal motor system. <i>Neurogastroenterology and Motility</i> , 2016, 28, 1391-1400.	3.0	17
35	Using Rasch Analysis to Evaluate the Reliability and Validity of the Swallowing Quality of Life Questionnaire: An Item Response Theory Approach. <i>Dysphagia</i> , 2018, 33, 441-456.	1.8	17
36	Pathophysiology of Swallowing Dysfunction in Parkinson Disease and Lack of Dopaminergic Impact on the Swallow Function and on the Effect of Thickening Agents. <i>Brain Sciences</i> , 2020, 10, 609.	2.3	16

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37	The BDNF polymorphism Val66Met may be predictive of swallowing improvement post pharyngeal electrical stimulation in dysphagic stroke patients. <i>Neurogastroenterology and Motility</i> , 2017, 29, e13062.	3.0	13
38	Genetic influences on the variability of response to repetitive transcranial magnetic stimulation in human pharyngeal motor cortex. <i>Neurogastroenterology and Motility</i> , 2019, 31, e13612.	3.0	12
39	Evidence for Above Cuff Vocalization in Patients With a Tracheostomy: A Systematic Review. <i>Laryngoscope</i> , 2022, 132, 600-611.	2.0	12
40	Number of subjects required in common study designs for functional GABA magnetic resonance spectroscopy in the human brain at 3 Tesla. <i>European Journal of Neuroscience</i> , 2020, 51, 1784-1793.	2.6	9
41	The Landscape of Videofluoroscopy in the UK: A Web-Based Survey. <i>Dysphagia</i> , 2021, 36, 250-258.	1.8	9
42	Effects of Pharyngeal Electrical Stimulation on Swallow Timings, Clearance and Safety in Post-Stroke Dysphagia: Analysis from the Swallowing Treatment Using Electrical Pharyngeal Stimulation (STEPS) Trial. <i>Stroke Research and Treatment</i> , 2021, 2021, 1-8.	0.8	8
43	Lung Function Testing <i>On</i> and <i>Off</i> Dopaminergic Medication in Parkinson's Disease Patients With and Without Dysphagia. <i>Movement Disorders Clinical Practice</i> , 2016, 3, 146-150.	1.5	7
44	Neurostimulation as an Approach to Dysphagia Rehabilitation: Current Evidence. <i>Current Physical Medicine and Rehabilitation Reports</i> , 2013, 1, 257-266.	0.8	6
45	Reliability of the Penetration-Aspiration Scale and Temporal and Clearance Measures in Poststroke Dysphagia: Videofluoroscopic Analysis From the Swallowing Treatment using Electrical Pharyngeal Stimulation Trial. <i>Journal of Speech, Language, and Hearing Research</i> , 2022, 65, 858-868.	1.6	6
46	A feasibility pilot study of the effects of neurostimulation on dysphagia recovery in Parkinson's Disease. <i>AMRC Open Research</i> , 0, 3, 19.	1.7	5
47	Dysphagia screening and assessment in the stroke unit. <i>British Journal of Neuroscience Nursing</i> , 2016, 12, S24-S28.	0.2	3
48	Falls risk is predictive of dysphagia in Parkinson's disease. <i>Neurological Sciences</i> , 2022, 43, 1415-1417.	1.9	3
49	100 Reversibility in Human Swallowing Motor Cortex By Paired Cortical and Peripheral Stimulation to a Unilateral Virtual Lesion: Evidence for Targetting the Contralesional Cortex. <i>Gastroenterology</i> , 2009, 136, A-17-A-18.	1.3	2
50	Predictive value of a novel pragmatic tool for post-stroke aspiration risk: The Functional Bedside Aspiration Screen. <i>Neurogastroenterology and Motility</i> , 2019, 31, e13683.	3.0	2
51	Determining the Prevalence, Implementation Approaches, and Opinions of Above Cuff Vocalization: A Survey of Health Care Professionals. <i>Archives of Physical Medicine and Rehabilitation</i> , 2022, 103, 394-401.	0.9	2
52	OC-066...A preliminary study of neurostimulation based interventions in the treatment of chronic dysphagia post-stroke. <i>Gut</i> , 2010, 59, A27.2-A27.	12.1	1
53	Dissecting the Neuroanatomy of Human Swallowing Related Behaviours Non-Invasively Using Diffusion Weighted Magnetic Resonance Imaging. <i>Gastroenterology</i> , 2011, 140, S-363.	1.3	1
54	Application of a Novel Brain Stimulation Intervention, Intermittent Theta Burst Stimulation to Enhance the Human Swallowing Motor System. <i>Gastroenterology</i> , 2011, 140, S-362.	1.3	1

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55	Enhancing the human swallowing motor system by the application of a novel brain stimulation intervention, intermittent theta burst stimulation. <i>Gut</i> , 2011, 60, A28-A29.	12.1	1
56	Direct and Indirect Therapy: Neurostimulation for the Treatment of Dysphagia After Stroke. <i>Medical Radiology</i> , 2011, , 519-538.	0.1	1
57	310 The Novel Brain Stimulation Intervention of Transcranial Direct Current Stimulation Restores Brain and Swallowing Function After "Virtual-Lesion"™ to Human Pharyngeal Motor Cortex. <i>Gastroenterology</i> , 2012, 142, S-70.	1.3	1
58	OC-034"..."Cortical and Brainstem Neurophysiological Mechanisms underlying Dysphagia in Parkinson"™s Disease: A Transcranial Magnetic Stimulation Study"™ "™On"™ and "™Off"™ Levodopa. <i>Gut</i> , 2013, 62, A15-A16.	12.1	1
59	OC-036"..."Neuronavigated Repetitive Cerebellar Stimulation Produces Long-Lasting Activation of Human Cortical Swallowing Projections. <i>Gut</i> , 2013, 62, A16.2-A17.	12.1	1
60	337 Pharyngeal Electrical Stimulation (PES) Expedites Swallowing Recovery in Dysphagia Post-Acute Stroke: a Phase II Double-Blinded Randomised Controlled Trial. <i>Gastroenterology</i> , 2014, 146, S-77.	1.3	1
61	PWE-163"..."The Excitatory Effects Of Repetitive Cerebellar Brain Stimulation On Human Swallowing Motor Pathways Are Critically Dependent On Stimulus Duration. <i>Gut</i> , 2014, 63, A196.1-A196.	12.1	1
62	A feasibility pilot study of the effects of neurostimulation on swallowing function in Parkinson"™s Disease. <i>AMRC Open Research</i> , 0, 3, 19.	1.7	1
63	Exploring durational and dose-dependent effects of paired associative stimulation in human swallowing motor cortex. <i>Brain Stimulation</i> , 2008, 1, 257.	1.6	0
64	THO38 A virtual lesion in human swallowing motor cortex can be reversed by repetitive transcranial magnetic stimulation (rTMS) of the contralesional hemisphere. <i>Clinical Neurophysiology</i> , 2008, 119, S61.	1.5	0
65	W2033 Adjunctive Pharyngeal Electrical Stimulation in the Rehabilitation of Dysphagia Following Stroke: A Randomised Control Trial. <i>Gastroenterology</i> , 2009, 136, A-777.	1.3	0
66	M1280 Treating Chronic Dysphagia Post Stroke With Neurostimulation Based Interventions: A Preliminary Study. <i>Gastroenterology</i> , 2010, 138, S-370.	1.3	0
67	M1295 Neuroanatomical Evidence for Asymmetry in the Human Cerebral Swallowing Network: Preliminary Observations With DWI Tractography. <i>Gastroenterology</i> , 2010, 138, S-374.	1.3	0
68	PWE-057"..."Bilateral reversal of a virtual lesion to human pharyngeal motor cortex by carbonated water swallowing: Abstract PWE-057 Figure 1. <i>Gut</i> , 2012, 61, A320.1-A320.	12.1	0
69	Su1973 Carbonated Water Swallowing Reverses the Effects of a Virtual Lesion in Human Pharyngeal Motor Cortex. <i>Gastroenterology</i> , 2012, 142, S-550.	1.3	0
70	Sa1449 Examining the Role of Liquid Bolus Temperature on Complex Swallowing Performance: A Swallowing Reaction Time Study. <i>Gastroenterology</i> , 2012, 142, S-309.	1.3	0
71	Su2103 Characterising Neurophysiological Mechanisms Underlying Dysphagia in Parkinson's Disease: A Transcranial Magnetic Stimulation Study"™ During "™on"™ and "™off Levodopa. <i>Gastroenterology</i> , 2013, 144, S-558.	1.3	0
72	Su2091 Activation of Human Cortical Swallowing Projections by High-Frequency Neuronavigated Cerebellar Stimulation. <i>Gastroenterology</i> , 2013, 144, S-554.	1.3	0

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73	PTU-132â€¦Carbonated Solutions are Superior to Sour Solutions in Modifying Human Swallowing Reaction time Performance. <i>Gut</i> , 2013, 62, A101.1-A101.	12.1	0
74	335 Modulation of Human Swallowing Motor Pathways Induced by MRI-Guided Cerebellar Repetitive Transcranial Magnetic Stimulation (rTMS) Is Frequency and Duration Specific. <i>Gastroenterology</i> , 2014, 146, S-76.	1.3	0
75	Tu1256 Exploring the Association Between Genetic Polymorphisms and Swallowing Motor Cortex Excitability Induced by Repetitive Transcranial Magnetic Stimulation: Is Response Predicted by Genetic Predisposition?. <i>Gastroenterology</i> , 2016, 150, S859.	1.3	0
76	Tu1254 Does Combining Pharyngeal Electrical Stimulation With Simultaneous Swallowing of Carbonated Liquids Enhance the Cortical Swallowing Motor System?. <i>Gastroenterology</i> , 2016, 150, S858-S859.	1.3	0
77	Tu1255 Variable Responsivity in the Human Pharyngeal Motor Cortex Following Excitatory/Inhibitory Non-Invasive Brain Stimulation Paradigms. <i>Gastroenterology</i> , 2016, 150, S859.	1.3	0
78	Dysphagia in Parkinsonâ€™s Disease. <i>Medical Radiology</i> , 2017, , 175-198.	0.1	0
79	Reversal of a Virtual Lesion in Healthy Human Pharyngeal Motor Cortex by High-Frequency RTMS Over the Cerebellum. <i>Gastroenterology</i> , 2017, 152, S144.	1.3	0
80	Pilot Observations from a Multimodal Imaging Study of Dysphagic Patients in Early Stage Huntington'S Disease. <i>Gastroenterology</i> , 2017, 152, S928.	1.3	0
81	Direct and Indirect Therapy: Neurostimulation for the Treatment of Dysphagia After Stroke. <i>Medical Radiology</i> , 2018, , 731-761.	0.1	0
82	OWE-029â€¦Magneto-electric stimulation of the human cerebellum prevents swallowing dysfunction induced by a cortical virtual lesion. , 2018, , .		0
83	Reversal of the effects of focal suppression on pharyngeal corticobulbar tracts by chemesthesis coupled with repeated swallowing. <i>Neurogastroenterology and Motility</i> , 2022, 34, e14286.	3.0	0