

Zoltan Galaz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6691801/publications.pdf>

Version: 2024-02-01

31
papers

687
citations

840776

11
h-index

839539

18
g-index

32
all docs

32
docs citations

32
times ranked

621
citing authors

#	ARTICLE	IF	CITATIONS
1	Speech disorders in Parkinson's disease: early diagnostics and effects of medication and brain stimulation. <i>Journal of Neural Transmission</i> , 2017, 124, 303-334.	2.8	157
2	Identification and Rating of Developmental Dysgraphia by Handwriting Analysis. <i>IEEE Transactions on Human-Machine Systems</i> , 2017, 47, 235-248.	3.5	71
3	Voice Pathology Detection Using Deep Learning: a Preliminary Study. , 2017, , .		57
4	Prosodic analysis of neutral, stress-modified and rhymed speech in patients with Parkinson's disease. <i>Computer Methods and Programs in Biomedicine</i> , 2016, 127, 301-317.	4.7	52
5	Towards robust voice pathology detection. <i>Neural Computing and Applications</i> , 2020, 32, 15747-15757.	5.6	44
6	Parkinson Disease Detection from Speech Articulation Neuromechanics. <i>Frontiers in Neuroinformatics</i> , 2017, 11, 56.	2.5	43
7	Identification and Monitoring of Parkinson's Disease Dysgraphia Based on Fractional-Order Derivatives of Online Handwriting. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2566.	2.5	27
8	Non-invasive stimulation of the auditory feedback area for improved articulation in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2019, 61, 187-192.	2.2	27
9	Assessing progress of Parkinson's disease using acoustic analysis of phonation. , 2015, , .		19
10	Quantitative Analysis of Relationship Between Hypokinetic Dysarthria and the Freezing of Gait in Parkinson's Disease. <i>Cognitive Computation</i> , 2018, 10, 1006-1018.	5.2	18
11	Advanced Parametrization of Graphomotor Difficulties in School-Aged Children. <i>IEEE Access</i> , 2020, 8, 112883-112897.	4.2	17
12	Changes in Phonation and Their Relations with Progress of Parkinson's Disease. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2339.	2.5	16
13	Degree of Parkinson's disease severity estimation based on speech signal processing. , 2016, , .		14
14	Advanced Parkinson's Disease Dysgraphia Analysis Based on Fractional Derivatives of Online Handwriting. , 2018, , .		14
15	Fractional Derivatives of Online Handwriting: A New Approach of Parkinsonic Dysgraphia Analysis. , 2018, , .		14
16	Patterns of diffusion kurtosis changes in Parkinson's disease subtypes. <i>Parkinsonism and Related Disorders</i> , 2020, 81, 96-102.	2.2	12
17	Analysis of phonation in patients with Parkinson's disease using empirical mode decomposition. , 2015, , .		11
18	Perceptual Features as Markers of Parkinson's Disease: The Issue of Clinical Interpretability. <i>Smart Innovation, Systems and Technologies</i> , 2016, , 83-91.	0.6	10

#	ARTICLE	IF	CITATIONS
19	Fractional Order Derivatives Evaluation in Computerized Assessment of Handwriting Difficulties in School-aged Children. , 2019, , .		7
20	Vowel Articulation Dynamic Stability Related to Parkinsonâ€™s Disease Rating Features: Male Dataset. International Journal of Neural Systems, 2019, 29, 1850037.	5.2	7
21	Psychometric Properties of Screening Questionnaires for Children With Handwriting Issues. Frontiers in Psychology, 2019, 10, 2937.	2.1	7
22	Articulatory network reorganization in Parkinson's disease as assessed by multimodal MRI and acoustic measures. Parkinsonism and Related Disorders, 2021, 84, 122-128.	2.2	7
23	Effect of Stroke-level Intra-writer Normalization on Computerized Assessment of Developmental Dysgraphia. , 2018, , .		6
24	Computerised Assessment of Graphomotor Difficulties in a Cohort of School-aged Children. , 2019, , .		6
25	Identification of hypokinetic dysarthria using acoustic analysis of poem recitation. , 2017, , .		5
26	Analysis of Various Fractional Order Derivatives Approaches in Assessment of Graphomotor Difficulties. IEEE Access, 2020, 8, 218234-218244.	4.2	5
27	Comparison of CNN-Learned vs. Handcrafted Features for Detection of Parkinson's Disease Dysgraphia in a Multilingual Dataset. Frontiers in Neuroinformatics, 2022, 16, .	2.5	5
28	Analysis of Parkinsonâ€™s Disease Dysgraphia Based on Optimized Fractional Order Derivative Features. , 2019, , .		4
29	Music Information Retrieval Techniques for Determining the Place of Origin of a Music Interpretation. , 2018, , .		2
30	Assessing freezing of gait in parkinson's disease using analysis of hypokinetic dysarthria. , 2017, , .		0
31	Monitoring Progress of Parkinson's Disease Based on Changes in Phonation: a Pilot Study. , 2018, , .		0