Yana Yunusova

List of Publications by Year in descending order

90 papers	2,795 citations	196777 29 h-index	242451 47 g-index
94 all docs	94 docs citations	94 times ranked	2216 citing authors

#	Article	IF	Citations
1	CAPTURE ALS: the comprehensive analysis platform to understand, remedy and eliminate ALS. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2022, , 1-7.	1.1	3
2	Barriers to and facilitators for supporting patient communication in the adult <scp>ICU</scp> during the <scp>COVID</scp>‐19 pandemic: A qualitative study. Journal of Advanced Nursing, 2022, 78, 2548-2560.	1.5	6
3	Validating Automatic Diadochokinesis Analysis Methods Across Dysarthria Severity and Syllable Task in Amyotrophic Lateral Sclerosis. Journal of Speech, Language, and Hearing Research, 2022, 65, 940-953.	0.7	7
4	Protocol for psychometric evaluation of the Amyotrophic Lateral Sclerosis - Bulbar Dysfunction Index (ALS-BDI): a prospective longitudinal study. BMJ Open, 2022, 12, e060102.	0.8	2
5	Validity of Off-the-Shelf Automatic Speech Recognition for Assessing Speech Intelligibility and Speech Severity in Speakers With Amyotrophic Lateral Sclerosis. Journal of Speech, Language, and Hearing Research, 2022, 65, 2128-2143.	0.7	11
6	A New Dataset for Facial Motion Analysis in Individuals With Neurological Disorders. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 1111-1119.	3.9	26
7	Validation of Articulatory Rate and Imprecision Judgments in Speech of Individuals With Amyotrophic Lateral Sclerosis. American Journal of Speech-Language Pathology, 2021, 30, 137-149.	0.9	7
8	Two Distinct Clinical Phenotypes of Bulbar Motor Impairment in Amyotrophic Lateral Sclerosis. Frontiers in Neurology, 2021, 12, 664713.	1.1	13
9	Protocol for a mixed method acceptability evaluation of a codesigned bundled COmmunication intervention for use in the adult ICU during the COVID-19 PandEmic: the COPE study. BMJ Open, 2021, 11, e050347.	0.8	4
10	Response patterns to vowel formant perturbations in children. Journal of the Acoustical Society of America, 2021, 150, 2647-2654.	0.5	1
11	Psychometric Properties of Rapid Word-Based Rate Measures in the Assessment of Bulbar Amyotrophic Lateral Sclerosis: Comparisons With Syllable-Based Rate Tasks. Journal of Speech, Language, and Hearing Research, 2021, 64, 4178-4191.	0.7	5
12	Co-Occurrence of Hypernasality and Voice Impairment in Amyotrophic Lateral Sclerosis: Acoustic Quantification. Journal of Speech, Language, and Hearing Research, 2021, 64, 4772-4783.	0.7	8
13	â€œYou Say Severe, I Say Mildâ€ Toward an Empirical Classification of Dysarthria Severity. Journal of Speech, Language, and Hearing Research, 2021, 64, 4718-4735.	0.7	24
14	Facial Landmark Tracking in Videos of Individuals with Neurological Impairments: Is There a Trade-off Between Smoothness and AccuracyÆ'. , 2021, 2021, 2234-2237.		1
15	A speech measure for early stratification of fast and slow progressors of bulbar amyotrophic lateral sclerosis: lip movement jitter. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2020, 21, 34-41.	1.1	20
16	Barriers to and facilitators for the use of augmentative and alternative communication and voice restorative strategies for adults with an advanced airway in the intensive care unit: A scoping review. Journal of Critical Care, 2020, 57, 168-176.	1.0	22
17	Reliability and validity of speech & pause measures during passage reading in ALS. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2020, 21, 42-50.	1.1	26
18	Toward an Automatic System for Computer-Aided Assessment in Facial Palsy. Facial Plastic Surgery and Aesthetic Medicine, 2020, 22, 42-49.	0.5	60

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19	Neuropathology of Speech Network Distinguishes Bulbar From Nonbulbar Amyotrophic Lateral Sclerosis. Journal of Neuropathology and Experimental Neurology, 2020, 79, 284-295.	0.9	6
20	Phoneme and Stress Programming Interact During Nonword Repetition Learning. Journal of Speech, Language, and Hearing Research, 2020, 63, 2219-2228.	0.7	1
21	Estimation of Orofacial Kinematics in Parkinson's Disease: Comparison of 2D and 3D Markerless Systems for Motion Tracking. , 2020, , .		4
22	Detecting Bulbar Motor Involvement in ALS: Comparing speech and chewing tasks. International Journal of Speech-Language Pathology, 2019, 21, 564-571.	0.6	5
23	Speech network regional involvement in bulbar ALS: a multimodal structural MRI study. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2019, 20, 385-395.	1.1	7
24	Frontal Anatomical Correlates of Cognitive and Speech Motor Deficits in Amyotrophic Lateral Sclerosis. Behavioural Neurology, 2019, 2019, 1-11.	1.1	11
25	Clinical Measures of Bulbar Dysfunction in ALS. Frontiers in Neurology, 2019, 10, 106.	1.1	95
26	Assessing Oromotor Capacity in ALS: The Effect of a Fixed-Target Task on Lip Biomechanics. Frontiers in Neurology, 2019, 10, 1288.	1.1	16
27	Barriers to and facilitators for use of augmentative and alternative communication and voice restorative devices in the adult intensive care unit: a scoping review protocol. Systematic Reviews, 2019, 8, 311.	2.5	9
28	Towards movement-based outcome measures for apraxia of speech: a systematic review. Aphasiology, 2019, 33, 943-969.	1.4	3
29	Provisional best practices guidelines for the evaluation of bulbar dysfunction in amyotrophic lateral sclerosis. Muscle and Nerve, 2019, 59, 531-536.	1.0	40
30	Electromagnetic articulography (EMA) for real-time feedback application: computational techniques. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2019, 7, 406-413.	1.3	2
31	Augmented visual feedback-aided interventions for motor rehabilitation in Parkinson's disease: a systematic review. Disability and Rehabilitation, 2019, 41, 995-1011.	0.9	30
32	Shorter Sentence Length Maximizes Intelligibility and Speech Motor Performance in Persons With Dysarthria Due to Amyotrophic Lateral Sclerosis. American Journal of Speech-Language Pathology, 2019, 28, 96-107.	0.9	31
33	Best practices protocol for the evaluation of bulbar dysfunction: summary recommendations from the NEALS bulbar subcommittee symposium. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2018, 19, 311-312.	1.1	13
34	Towards Phoneme Landmarks Identification for American-English using a Multimodal Speech Capture System. , 2018, , .		2
35	Automatic prediction of intelligible speaking rate for individuals with ALS from speech acoustic and articulatory samples. International Journal of Speech-Language Pathology, 2018, 20, 669-679.	0.6	29
36	Automatic extraction of abnormal lip movement features from the alternating motion rate task in amyotrophic lateral sclerosis. International Journal of Speech-Language Pathology, 2018, 20, 610-623.	0.6	41

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37	Treating Speech Movement Hypokinesia in Parkinson's Disease: Does Movement Size Matter?. Journal of Speech, Language, and Hearing Research, 2018, 61, 2703-2721.	0.7	9
38	Minimally Detectable Change and Minimal Clinically Important Difference of a Decline in Sentence Intelligibility and Speaking Rate for Individuals With Amyotrophic Lateral Sclerosis. Journal of Speech, Language, and Hearing Research, 2018, 61, 2757-2771.	0.7	46
39	Lingual and Jaw Kinematic Abnormalities Precede Speech and Swallowing Impairments in ALS. Dysphagia, 2018, 33, 840-847.	1.0	27
40	Automatic Detection of Amyotrophic Lateral Sclerosis (ALS) from Video-Based Analysis of Facial Movements: Speech and Non-Speech Tasks. , 2018, , .		21
41	Kinematic Features of Jaw and Lips Distinguish Symptomatic From Presymptomatic Stages of Bulbar Decline in Amyotrophic Lateral Sclerosis. Journal of Speech, Language, and Hearing Research, 2018, 61, 1118-1129.	0.7	31
42	Assessing cognitive functioning in ALS: A focus on frontal lobe processes. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2017, 18, 182-192.	1.1	22
43	The neuropathological signature of bulbar-onset ALS: A systematic review. Neuroscience and Biobehavioral Reviews, 2017, 75, 378-392.	2.9	45
44	The diagnostic utility of patient-report and speech-language pathologists' ratings for detecting the early onset of bulbar symptoms due to ALS. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2017, 18, 358-366.	1.1	53
45	Game-Based Augmented Visual Feedback for Enlarging Speech Movements in Parkinson's Disease. Journal of Speech, Language, and Hearing Research, 2017, 60, 1818-1825.	0.7	15
46	Cutting-Edge Technology for Speech Rehabilitation. Journal of Speech, Language, and Hearing Research, 2017, 60, 1798-1799.	0.7	1
47	Sentence-Level Movements in Parkinson's Disease: Loud, Clear, and Slow Speech. Journal of Speech, Language, and Hearing Research, 2017, 60, 3426-3440.	0.7	51
48	Slowed articulation rate is a sensitive diagnostic marker for identifying non-fluent primary progressive aphasia. Aphasiology, 2017, 31, 241-260.	1.4	26
49	Profiling Speech and Pausing in Amyotrophic Lateral Sclerosis (ALS) and Frontotemporal Dementia (FTD). PLoS ONE, 2016, 11, e0147573.	1.1	76
50	Predicting Speech Intelligibility Decline in Amyotrophic Lateral Sclerosis Based on the Deterioration of Individual Speech Subsystems. PLoS ONE, 2016, 11, e0154971.	1.1	87
51	Speech Movement Measures as Markers of Bulbar Disease in Amyotrophic Lateral Sclerosis. Journal of Speech, Language, and Hearing Research, 2016, 59, 887-899.	0.7	75
52	Validation of Clinical Observations of Mastication in Persons with ALS. Dysphagia, 2016, 31, 367-375.	1.0	17
53	Predicting Intelligible Speaking Rate in Individuals with Amyotrophic Lateral Sclerosis from a Small Number of Speech Acoustic and Articulatory Samples. , 2016, 2016, 91-97.		15
54	Outcome Measures in Developmental Speech Sound Disorders with a Motor Basis. Current Developmental Disorders Reports, 2015, 2, 253-272.	0.9	18

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55	Electrical impedance myography in the evaluation of the tongue musculature in amyotrophic lateral sclerosis. Muscle and Nerve, 2015, 52, 584-591.	1.0	32
56	Predicting Early Bulbar Decline in Amyotrophic Lateral Sclerosis: A Speech Subsystem Approach. Behavioural Neurology, 2015, 2015, 1-11.	1.1	114
57	Jump from Pre-mutation to Pathologic Expansion in C9orf72. American Journal of Human Genetics, 2015, 96, 962-970.	2.6	50
58	Mind the gap: The mismatch between clinical and imaging metrics in ALS. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2015, 16, 524-529.	1.1	65
59	Identical twins with the <i>C9orf72</i> repeat expansion are discordant for ALS. Neurology, 2014, 83, 1476-1478.	1.5	40
60	Articulatory Distinctiveness of Vowels and Consonants: A Data-Driven Approach. Journal of Speech, Language, and Hearing Research, 2013, 56, 1539-1551.	0.7	52
61	Bulbar and speech motor assessment in ALS: Challenges and future directions. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2013, 14, 494-500.	1.1	166
62	The Effect of Anatomic Factors on Tongue Position Variability During Consonants. Journal of Speech, Language, and Hearing Research, 2013, 56, 137-149.	0.7	26
63	Compensatory articulation in amyotrophic lateral sclerosis: Tongue and jaw in speech. Proceedings of Meetings on Acoustics, 2013, , .	0.3	7
64	Speech in ALS: Longitudinal Changes in Lips and Jaw Movements and Vowel Acoustics. Journal of Medical Speech - Language Pathology, 2013, 21, 1-13.	0.2	9
65	Spatiotemporal Coupling of the Tongue in Amyotrophic Lateral Sclerosis. Journal of Speech, Language, and Hearing Research, 2012, 55, 1897-1909.	0.7	44
66	Positional targets for lingual consonants defined using electromagnetic articulography. Journal of the Acoustical Society of America, 2012, 132, 1027-1038.	0.5	20
67	Tongue Movements and Their Acoustic Consequences in Amyotrophic Lateral Sclerosis. Folia Phoniatrica Et Logopaedica, 2012, 64, 94-102.	0.5	79
68	Measures to evaluate the effects of DBS on speech production. Journal of Neurolinguistics, 2012, 25, 74-94.	0.5	65
69	A Game System for Speech Rehabilitation. Lecture Notes in Computer Science, 2012, , 43-54.	1.0	8
70	Acquisition of the 3D surface of the palate by in-vivo digitization with Wave. Speech Communication, 2012, 54, 923-931.	1.6	11
71	Using neuroimaging to understand brain–behaviour relationships in the context of motor neurone disease. , 2012, , 209-229.		0
72	Clinical relationship between Hashimoto's thyroiditis and papillary thyroid cancer. Acta OncolÃ³gica, 2011, 50, 1228-1234.	0.8	106

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73	A Protocol for Comprehensive Assessment of Bulbar Dysfunction in Amyotrophic Lateral Sclerosis (ALS). Journal of Visualized Experiments, 2011, , .	0.2	28
74	Classifications of Vocalic Segments From Articulatory Kinematics: Healthy Controls and Speakers With Dysarthria. Journal of Speech, Language, and Hearing Research, 2011, 54, 1302-1311.	0.7	18
75	Kinematics of disease progression in bulbar ALS. Journal of Communication Disorders, 2010, 43, 6-20.	0.8	83
76	The effect of speaking rate on velopharyngeal function in healthy speakers. Clinical Linguistics and Phonetics, 2010, 24, 576-588.	0.5	18
77	Lip Movement Exaggerations During Infant-Directed Speech. Journal of Speech, Language, and Hearing Research, 2010, 53, 1529-1542.	0.7	63
78	Accuracy Assessment for AG500, Electromagnetic Articulograph. Journal of Speech, Language, and Hearing Research, 2009, 52, 547-555.	0.7	85
79	Task Specificity in Early Oral Motor Development. Seminars in Speech and Language, 2008, 29, 257-266.	0.5	36
80	Articulatory Movements During Vowels in Speakers With Dysarthria and Healthy Controls. Journal of Speech, Language, and Hearing Research, 2008, 51, 596-611.	0.7	140
81	Breath-Group Intelligibility in Dysarthria. Journal of Speech, Language, and Hearing Research, 2005, 48, 1294-1310.	0.7	57
82	Interarticulator Coordination in Dysarthria. Journal of Speech, Language, and Hearing Research, 2003, 46, 1247-1261.	0.7	43
83	Relation of Automatically Extracted Formant Trajectories with Intelligibility Loss and Speaking Rate Decline in Amyotrophic Lateral Sclerosis. , 0, , .		12
84	Video-Based Tracking of Jaw Movements During Speech: Preliminary Results and Future Directions. , 0, , .		8
85	Classification of Bulbar ALS from Kinematic Features of the Jaw and Lips: Towards Computer-Mediated Assessment. , 0, , .		10
86	Automatic Detection of Orofacial Impairment in Stroke. , 0, , .		15
87	Automatic Early Detection of Amyotrophic Lateral Sclerosis from Intelligible Speech Using Convolutional Neural Networks. , 0, , .		33
88	Reduced Task Adaptation in Alternating Motion Rate Tasks as an Early Marker of Bulbar Involvement in Amyotrophic Lateral Sclerosis. , 0, , .		3
89	Parameterization of articulatory pattern in speakers with ALS. , 0, , .		3
90	Differential Effects of Velopharyngeal Dysfunction on Speech Intelligibility During Early and Late Stages of Amyotrophic Lateral Sclerosis. , 0, , .		1