

# Asterios Toutios

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8709532/publications.pdf>

Version: 2024-02-01

21  
papers

383  
citations

1040056

9  
h-index

1125743

13  
g-index

22  
all docs

22  
docs citations

22  
times ranked

277  
citing authors

#	ARTICLE	IF	CITATIONS
1	Variation in compensatory strategies as a function of target constriction degree in post-glossectomy speech. <i>JASA Express Letters</i> , 2022, 2, 045205.	1.1	3
2	A multispeaker dataset of raw and reconstructed speech production real-time MRI video and 3D volumetric images. <i>Scientific Data</i> , 2021, 8, 187.	5.3	16
3	Vocal tract shaping of emotional speech. <i>Computer Speech and Language</i> , 2020, 64, 101100.	4.3	15
4	Vocal Tract Articulatory Contour Detection in Real-Time Magnetic Resonance Images Using Spatio-Temporal Context. , 2020, , .		5
5	How an aglossic speaker produces an alveolar-like percept without a functional tongue tip. <i>Journal of the Acoustical Society of America</i> , 2020, 147, EL460-EL464.	1.1	1
6	Task-dependence of articulator synergies. <i>Journal of the Acoustical Society of America</i> , 2019, 145, 1504-1520.	1.1	12
7	A modular architecture for articulatory synthesis from gestural specification. <i>Journal of the Acoustical Society of America</i> , 2019, 146, 4458-4471.	1.1	11
8	Engineering Innovation in Speech Science: Data and Technologies. <i>Perspectives of the ASHA Special Interest Groups</i> , 2019, 4, 411-420.	0.8	6
9	Advances in vocal tract imaging and analysis. , 2019, , 34-50.		7
10	A fast and flexible MRI system for the study of dynamic vocal tract shaping. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 112-125.	3.0	53
11	Feasibility of through-time spiral generalized autocalibrating partial parallel acquisition for low latency accelerated real-time MRI of speech. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 2275-2282.	3.0	17
12	Test-retest repeatability of human speech biomarkers from static and real-time dynamic magnetic resonance imaging. <i>Journal of the Acoustical Society of America</i> , 2017, 141, 3323-3336.	1.1	16
13	Estimation of vocal tract area function from volumetric Magnetic Resonance Imaging. , 2017, , .		8
14	Advances in real-time magnetic resonance imaging of the vocal tract for speech science and technology research. <i>APSIPA Transactions on Signal and Information Processing</i> , 2016, 5, .	3.3	18
15	A kinematic study of critical and non-critical articulators in emotional speech production. <i>Journal of the Acoustical Society of America</i> , 2015, 137, 1411-1429.	1.1	14
16	Real-time magnetic resonance imaging and electromagnetic articulography database for speech production research (TC). <i>Journal of the Acoustical Society of America</i> , 2014, 136, 1307-1311.	1.1	120
17	State-of-the-Art MRI Protocol for Comprehensive Assessment of Vocal Tract Structure and Function. , 0, , .		15
18	Convex Hull Convolutional Non-Negative Matrix Factorization for Uncovering Temporal Patterns in Multivariate Time-Series Data. , 0, , .		9

#	ARTICLE	IF	CITATIONS
19	Improved Depiction of Tissue Boundaries in Vocal Tract Real-Time MRI Using Automatic Off-Resonance Correction. , 0, , .		3
20	Semantic Edge Detection for Tracking Vocal Tract Air-Tissue Boundaries in Real-Time Magnetic Resonance Images. , 0, , .		20
21	Database of Volumetric and Real-Time Vocal Tract MRI for Speech Science. , 0, , .		14