

# Antoine Serrurier

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1565992/publications.pdf>

Version: 2024-02-01

16  
papers

163  
citations

1478505

6  
h-index

1281871

11  
g-index

16  
all docs

16  
docs citations

16  
times ranked

152  
citing authors

#	ARTICLE	IF	CITATIONS
1	A three-dimensional articulatory model of the velum and nasopharyngeal wall based on MRI and CT data. <i>Journal of the Acoustical Society of America</i> , 2008, 123, 2335-2355.	1.1	52
2	Articulatory capacity of Neanderthals, a very recent and human-like fossil hominin. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 88-102.	4.0	37
3	Past and Trends in Cough Sound Acquisition, Automatic Detection and Automatic Classification: A Comparative Review. <i>Sensors</i> , 2022, 22, 2896.	3.8	17
4	Automatic vocal tract landmark localization from midsagittal MRI data. <i>Scientific Reports</i> , 2020, 10, 1468.	3.3	12
5	The tongue in speech and feeding: Comparative articulatory modelling. <i>Journal of Phonetics</i> , 2012, 40, 745-763.	1.2	8
6	Real-time animation of human characters' anatomy. <i>Computers and Graphics</i> , 2018, 74, 268-277.	2.5	8
7	Characterization of inter-speaker articulatory variability: A two-level multi-speaker modelling approach based on MRI data. <i>Journal of the Acoustical Society of America</i> , 2019, 145, 2149-2170.	1.1	7
8	Segmentation of fetal envelope from 3D ultrasound images based on pixel intensity statistical distribution and shape priors. , 2013, , .		6
9	Robust femur condyle disambiguation on biplanar X-rays. <i>Medical Engineering and Physics</i> , 2012, 34, 1433-1440.	1.7	5
10	One-dimensional and three-dimensional propagation analyses of acoustic characteristics of Japanese and French vowel /a/ with nasal coupling. <i>Acoustical Science and Technology</i> , 2014, 35, 35-41.	0.5	4
11	Inter-Speaker Variability: Speaker Normalisation and Quantitative Estimation of Articulatory Invariants in Speech Production for French. , 0, , .		3
12	MRI visualisation by digitally reconstructed radiographs. , 2015, , .		2
13	L'Émergence de la parole: Aspects historiques et Épigénétiques d'une nouvelle articulation. <i>Faits De Langues</i> , 2011, 37, 15-67.	0.2	1
14	Distribution and variability study of the femur cortical thickness from computer tomography. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2014, 17, 768-786.	1.6	1
15	Ontogenetic and phylogenetic considerations concerning the origin of speech. <i>Revue De Primatologie</i> , 2011, , .	0.0	0
16	Acoustic simulation of Japanese and French vowel /a/ with nasal coupling by time-domain finite-element method. <i>Acoustical Science and Technology</i> , 2013, 34, 284-286.	0.5	0