

Christoph Arens

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

2,212
citations

218677

26
h-index

254184

43
g-index

126
all docs

126
docs citations

126
times ranked

1907
citing authors

#	ARTICLE	IF	CITATIONS
1	18F-FDG PET cannot predict expression of clinically relevant histopathological biomarkers in head and neck squamous cell carcinoma: a meta-analysis. <i>Acta Radiologica</i> , 2022, 63, 166-175.	1.1	3
2	CFD simulations of inhalation through a subject-specific human larynx – Impact of the unilateral vocal fold immobility. <i>Computers in Biology and Medicine</i> , 2022, 143, 105243.	7.0	7
3	SARS-CoV-2 Vaccination Rate and SARS-CoV-2 Infection of Health Care Workers in Aerosol-Generating Medical Disciplines. <i>Journal of Clinical Medicine</i> , 2022, 11, 2751.	2.4	3
4	Multimodal control of neck muscles for vestibular mediated head oscillation damping during walking: a pilot study. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021, 278, 3801-3811.	1.6	1
5	European white paper: oropharyngeal dysphagia in head and neck cancer. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021, 278, 577-616.	1.6	66
6	Cyclist Effort Features: A Novel Technique for Image Texture Characterization Applied to Larynx Cancer Classification in Contact Endoscopy – Narrow Band Imaging. <i>Diagnostics</i> , 2021, 11, 432.	2.6	8
7	Immune-checkpoint blockade of CTLA-4 (CD152) in antigen-specific human T-cell responses differs profoundly between neonates, children, and adults. <i>Oncolimmunology</i> , 2021, 10, 1938475.	4.6	3
8	Chronic, Mild Vestibulopathy Leads to Deficits in Spatial Tasks that Rely on Vestibular Input While Leaving Other Cognitive Functions and Brain Volumes Intact. <i>Life</i> , 2021, 11, 1369.	2.4	12
9	Deep Convolution Neural Network for Laryngeal Cancer Classification on Contact Endoscopy-Narrow Band Imaging. <i>Sensors</i> , 2021, 21, 8157.	3.8	9
10	Laryngeal Lesion Classification Based on Vascular Patterns in Contact Endoscopy and Narrow Band Imaging: Manual Versus Automatic Approach. <i>Sensors</i> , 2020, 20, 4018.	3.8	13
11	Children From the Age of Three Show a Developmental Switch in T-Cell Differentiation. <i>Frontiers in Immunology</i> , 2020, 11, 1640.	4.8	7
12	Evaluation of Vascular Patterns Using Contact Endoscopy and Narrow-Band Imaging (CE-NBI) for the Diagnosis of Vocal Fold Malignancy. <i>Cancers</i> , 2020, 12, 248.	3.7	14
13	Interrater variation of vascular classifications used in enhanced laryngeal contact endoscopy. <i>European Archives of Oto-Rhino-Laryngology</i> , 2020, 277, 2485-2492.	1.6	7
14	Manual versus Automatic Classification of Laryngeal Lesions based on Vascular Patterns in CE+NBI Images. <i>Current Directions in Biomedical Engineering</i> , 2020, 6, 70-73.	0.4	2
15	Novel flexible endoscope concept with swiveling camera tip. <i>Current Directions in Biomedical Engineering</i> , 2020, 6, 288-291.	0.4	0
16	Setup and initial testing of an endoscope manipulator system for assistance in transoral endoscopic surgery. <i>Biomedizinische Technik</i> , 2019, 64, 347-356.	0.8	0
17	Novel automated vessel pattern characterization of larynx contact endoscopic video images. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2019, 14, 1751-1761.	2.8	13
18	A Preliminary Study on Automatic Characterization and Classification of Vascular Patterns of Contact Endoscopy Images. , 2019, 2019, 2703-2706.		4

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19	Flexible transnasal endoscopy with white light or narrow band imaging for the diagnosis of laryngeal malignancy: diagnostic value, observer variability and influence of previous laryngeal surgery. <i>European Archives of Oto-Rhino-Laryngology</i> , 2019, 276, 459-466.	1.6	17
20	Assessing Transitional Air Flow during Human Exhalation from Large Eddy Simulations based on Spectral Entropy. <i>Flow, Turbulence and Combustion</i> , 2019, 102, 117-128.	2.6	6
21	Endoscopic Ultrasound. , 2019, , 321-329.		0
22	Unilateral Vocal Fold Immobility. , 2018, , 43-61.		0
23	Treatment outcomes of recurrent respiratory papillomatosis. <i>Hno</i> , 2018, 66, 7-15.	1.0	19
24	Vascular pattern detection and recognition in endoscopic imaging of the vocal folds. <i>Current Directions in Biomedical Engineering</i> , 2018, 4, 75-78.	0.4	5
25	Developmental induction of human T-cell responses against <i>Candida albicans</i> and <i>Aspergillus fumigatus</i> . <i>Scientific Reports</i> , 2018, 8, 16904.	3.3	23
26	Musical Harmony in Electric Hearing. <i>Music Perception</i> , 2018, 36, 40-52.	1.1	13
27	Anesthetic Management for Percutaneous Minimally Invasive Fetoscopic Surgery of Spina Bifida Aperta: A Retrospective, Descriptive Report of Clinical Experience. <i>Anesthesia and Analgesia</i> , 2017, 125, 219-222.	2.2	14
28	Comparison of thyroid segmentation techniques for 3D ultrasound. <i>Proceedings of SPIE</i> , 2017, , .	0.8	11
29	Laser-assisted surgery of the upper aero-digestive tract: a clarification of nomenclature. A consensus statement of the European Laryngological Society. <i>European Archives of Oto-Rhino-Laryngology</i> , 2017, 274, 3723-3727.	1.6	40
30	Trans-oral miniature X-ray radiation delivery system with endoscopic optical feedback. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 1995-2002.	2.8	1
31	The Role of Calcium Sensing Receptors in Endothelin-Dependent Effects on Adult Rat Ventricular Cardiomyocytes: Possible Contribution to Adaptive Myocardial Hypertrophy. <i>Journal of Cellular Physiology</i> , 2017, 232, 2508-2518.	4.1	2
32	Narrow band imaging for early diagnosis of epithelial dysplasia and microinvasive tumors in the upper aerodigestive tract. <i>Hno</i> , 2017, 65, 5-12.	1.0	21
33	Active contours extension and similarity indicators for improved 3D segmentation of thyroid ultrasound images. <i>Proceedings of SPIE</i> , 2017, , .	0.8	8
34	Value of narrow band imaging in the early diagnosis of laryngeal cancer. <i>Head and Neck</i> , 2016, 38, 15-20.	2.0	82
35	Endoscopic ultrasound of the larynx. <i>Current Opinion in Otolaryngology and Head and Neck Surgery</i> , 2016, 24, 128-134.	1.8	6
36	Objective quantification of the vocal fold vascular pattern: comparison of narrow band imaging and white light endoscopy. <i>European Archives of Oto-Rhino-Laryngology</i> , 2016, 273, 2599-2605.	1.6	6

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37	The transnasal VideoPanendoscopy (ViP): diagnostics of the upper aerodigestive tract using an anatomically correct model from the model to the patient. <i>European Archives of Oto-Rhino-Laryngology</i> , 2016, 273, 749-754.	1.6	3
38	Proposal for a descriptive guideline of vascular changes in lesions of the vocal folds by the committee on endoscopic laryngeal imaging of the European Laryngological Society. <i>European Archives of Oto-Rhino-Laryngology</i> , 2016, 273, 1207-1214.	1.6	97
39	Narrow Band Imaging of the Upper Aerodigestive Tract. , 2016, , 625-637.		1
40	Voice and respiratory outcomes after permanent transoral surgery of bilateral vocal fold paralysis. <i>Laryngoscope</i> , 2015, 125, 2749-2755.	2.0	32
41	Permanent transoral surgery of bilateral vocal fold paralysis: A prospective multi-center trial. <i>Laryngoscope</i> , 2015, 125, 1401-1408.	2.0	25
42	Position paper of the German Society of Oto-Rhino-Laryngology, Head and Neck Surgery and the German Society of Phoniatics and Pediatric Audiology - Current state of clinical and endoscopic diagnostics, evaluation, and therapy of swallowing disorders in children. <i>GMS Current Topics in Otorhinolaryngology, Head and Neck Surgery</i> , 2015, 14, Doc02.	0.8	3
43	CD4+ T Cells from Human Neonates and Infants Are Poised Spontaneously To Run a Nonclassical IL-4 Program. <i>Journal of Immunology</i> , 2014, 192, 5160-5170.	0.8	64
44	Clinical value of endosonography in the assessment of laryngeal cancer. <i>Head and Neck</i> , 2013, 35, 195-200.	2.0	19
45	Optical detection of cancer and precancerous lesions of the upper aerodigestive tract: methods for assessment of vertical extensions. <i>Proceedings of SPIE</i> , 2013, , .	0.8	0
46	Vocal fold scars: current concepts and future directions. Consensus report of the phonosurgery committee of the European laryngological society. <i>European Archives of Oto-Rhino-Laryngology</i> , 2013, 270, 2491-2507.	1.6	102
47	Melody and chord discrimination of cochlear implant users in different pitch ranges. <i>Cochlear Implants International</i> , 2013, 14, 246-251.	1.2	7
48	Laryngeal electromyography: a proposal for guidelines of the European Laryngological Society. <i>European Archives of Oto-Rhino-Laryngology</i> , 2012, 269, 2227-2245.	1.6	93
49	Transoral treatment strategies for head and neck tumors. <i>GMS Current Topics in Otorhinolaryngology, Head and Neck Surgery</i> , 2012, 11, Doc05.	0.8	10
50	Optical Coherence Tomography in Laryngeal Cancer. , 2011, , 41-56.		1
51	Fluorescence Imaging of the Upper Aerodigestive Tract. , 2011, , 57-77.		0
52	Value of fluorescence endoscopy for the early diagnosis of laryngeal cancer and its precursor lesions. <i>Head and Neck</i> , 2011, 33, 941-948.	2.0	44
53	Controlling cardiomyocyte length: the role of renin and PPAR- β . <i>Cardiovascular Research</i> , 2011, 89, 344-352.	3.8	27
54	Anatomical landmarks for endosonography of the larynx. <i>Head and Neck</i> , 2010, 32, 326-332.	2.0	10

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55	Optical and molecular techniques to identify tumor margins within the larynx. <i>Head and Neck</i> , 2010, 32, 1544-1553.	2.0	51
56	Open Partial Resection for Malignant Glottic Tumors. , 2009, , 215-220.		1
57	Scarred Larynx. , 2009, , 171-176.		0
58	Clinical value of optical coherence tomography in laryngology. <i>Head and Neck</i> , 2008, 30, 1628-1635.	2.0	56
59	Technique of high-frequency endolaryngeal ultrasound. <i>Journal of Laryngology and Otology</i> , 2008, 122, 1109-1111.	0.8	14
60	Significance of optical coherence tomography in the assessment of laryngeal lesions. <i>Proceedings of SPIE</i> , 2008, , .	0.8	0
61	Analysis of PIK3CA and Akt/protein kinase B in head and neck squamous cell carcinoma. <i>Oncology Reports</i> , 2007, , .	2.6	26
62	Technique of Optical Coherence Tomography of the Larynx During Microlaryngoscopy. <i>Laryngoscope</i> , 2007, 117, 950-952.	2.0	28
63	Histologic assessment of epithelial thickness in early laryngeal cancer or precursor lesions and its impact on endoscopic imaging. <i>European Archives of Oto-Rhino-Laryngology</i> , 2007, 264, 645-649.	1.6	41
64	Indirect fluorescence laryngoscopy in the diagnosis of precancerous and cancerous laryngeal lesions. <i>European Archives of Oto-Rhino-Laryngology</i> , 2007, 264, 621-626.	1.6	52
65	Defining phonosurgery: a proposal for classification and nomenclature by the Phonosurgery Committee of the European Laryngological Society (ELS). <i>European Archives of Oto-Rhino-Laryngology</i> , 2007, 264, 1191-1200.	1.6	75
66	Analysis of PIK3CA and Akt/protein kinase B in head and neck squamous cell carcinoma. <i>Oncology Reports</i> , 2007, 18, 253-9.	2.6	58
67	FRETâ€“CLSM and double-labeling indirect immunofluorescence to detect close association of proteins in tissue sections. <i>Laboratory Investigation</i> , 2006, 86, 853-864.	3.7	45
68	Spectrometric measurement in laryngeal cancer. <i>European Archives of Oto-Rhino-Laryngology</i> , 2006, 263, 1001-1007.	1.6	29
69	Indirect autofluorescence laryngoscopy in the diagnosis of laryngeal cancer and its precursor lesions. <i>European Archives of Oto-Rhino-Laryngology</i> , 2004, 261, 71-76.	1.6	63
70	Compact Endoscopy of the Larynx. <i>Annals of Otology, Rhinology and Laryngology</i> , 2003, 112, 113-119.	1.1	61
71	Autofluorescence Endoscopy in the Diagnosis of Early Laryngeal Cancer and Its Precursor Lesions. <i>Laryngoscope</i> , 2002, 112, 488-493.	2.0	87
72	Investigating quality of life and coping resources after laryngectomy. <i>European Archives of Oto-Rhino-Laryngology</i> , 2001, 258, 514-517.	1.6	38

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73	Endoscopic high-frequency ultrasound of the larynx. European Archives of Oto-Rhino-Laryngology, 1999, 256, 316-322.	1.6	38
74	Endolaryngeal high-frequency ultrasound. European Archives of Oto-Rhino-Laryngology, 1998, 255, 250-255.	1.6	34
75	Glomangioma of the Nasal Cavity. Orl, 1997, 59, 179-181.	1.1	13
76	Clinical and morphological aspects of laryngeal cysts. European Archives of Oto-Rhino-Laryngology, 1997, 254, 430-436.	1.6	99
77	Is Infrapopliteal Bypass Compromised by Distal Origin of the Proximal Anastomosis?. Annals of Vascular Surgery, 1995, 9, 172-178.	0.9	20