

Luca Guastini

List of Publications by Year in descending order

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1051
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning Applied to White Light and Narrow Band Imaging Videolaryngoscopy: Toward Real-Time Laryngeal Cancer Detection. <i>Laryngoscope</i> , 2022, 132, 1798-1806.	2.0	52
2	¼RALP and Beyond: Micro-Technologies and Systems for Robot-Assisted Endoscopic Laser Microsurgery. <i>Frontiers in Robotics and AI</i> , 2021, 8, 664655.	3.2	16
3	Transoral laser microsurgery: feasibility of a new exoscopic HD-3D system coupled with free beam or fiber laser. <i>Lasers in Medical Science</i> , 2021, 36, 1865-1872.	2.1	15
4	Operating From a Distance: Robotic Vocal Cord 5G Telesurgery on a Cadaver. <i>Annals of Internal Medicine</i> , 2020, 173, 940-941.	3.9	24
5	SmartProbe: a bioimpedance sensing system for head and neck cancer tissue detection. <i>Physiological Measurement</i> , 2020, 41, 054003.	2.1	24
6	5G Robotic Telesurgery: Remote Transoral Laser Microsurgeries on a Cadaver. <i>IEEE Transactions on Medical Robotics and Bionics</i> , 2020, 2, 511-518.	3.2	28
7	Learning-based classification of informative laryngoscopic frames. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 158, 21-30.	4.7	39
8	Design and Study of a Next-Generation Computer-Assisted System for Transoral Laser Microsurgery. <i>OTO Open</i> , 2018, 2, 2473974X1877332.	1.4	12
9	Confident texture-based laryngeal tissue classification for early stage diagnosis support. <i>Journal of Medical Imaging</i> , 2017, 4, 1.	1.5	51
10	Transoral laser microsurgery as primary treatment for selected T3 glottic and supraglottic cancers. <i>Head and Neck</i> , 2016, 38, 1107-1112.	2.0	32
11	Reasonable limits for transoral laser microsurgery in laryngeal cancer. <i>Current Opinion in Otolaryngology and Head and Neck Surgery</i> , 2016, 24, 135-139.	1.8	72
12	Intraoperative Narrow Band Imaging Better Delineates Superficial Resection Margins During Transoral Laser Microsurgery for Early Glottic Cancer. <i>Annals of Otology, Rhinology and Laryngology</i> , 2015, 124, 294-298.	1.1	78
13	A novel computerized surgeon-machine interface for robot-assisted laser phonomicrosurgery. <i>Laryngoscope</i> , 2014, 124, 1887-1894.	2.0	58
14	Imaging based metrics for performance assessment in laser phonomicrosurgery. , 2013, , .		12
15	Comparative usability and performance evaluation of surgeon interfaces in laser phonomicrosurgery. , 2013, , .		11
16	Ribosomal therapy in patients with pharyngolaryngeal reflux. <i>Acta Oto-Laryngologica</i> , 2012, 132, 651-656.	0.9	0
17	Outcomes of uvulopalatopharyngoplasty with harmonic scalpel after failure of continuous positive airway pressure in sleep apnea syndrome. <i>Acta Oto-Laryngologica</i> , 2012, 132, 299-304.	0.9	3
18	Day-case stapedotomy: Is it a viable option?. <i>Acta Oto-Laryngologica</i> , 2012, 132, 21-26.	0.9	9

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19	Efficacy and safety of ribosome-component immune modulator for preventing recurrent respiratory infections in socialized children. <i>Allergy and Asthma Proceedings</i> , 2012, 33, 197-204.	2.2	7
20	Efficacy of a topical suspension of bacterial antigens for the management of chronic suppurative otitis media. <i>European Archives of Oto-Rhino-Laryngology</i> , 2012, 269, 1593-1597.	1.6	8
21	A prognostic multigene classifier for squamous cell carcinomas of the larynx. <i>Cancer Letters</i> , 2011, 307, 37-46.	7.2	42
22	Deleterious sucking habits and atypical swallowing in children with otitis media with effusion. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2011, 75, 1260-1264.	1.0	4
23	Comparison of postoperative pain: piezoelectric device versus microdrill. <i>European Archives of Oto-Rhino-Laryngology</i> , 2011, 268, 1279-1282.	1.6	21
24	The role of three-dimensional CT in the evaluation of nasal structures and anomalies. <i>European Archives of Oto-Rhino-Laryngology</i> , 2011, 268, 1163-1167.	1.6	19
25	Vestibular evoked myogenic potential in vestibular neuritis. <i>European Archives of Oto-Rhino-Laryngology</i> , 2011, 268, 1671-1677.	1.6	13
26	Nasal tactile sensitivity in allergic rhinitis. <i>Acta Oto-Laryngologica</i> , 2011, 131, 640-644.	0.9	7
27	Endoscopic transnasal cauterization of the anterior ethmoidal artery. <i>Acta Oto-Laryngologica</i> , 2011, 131, 1074-1078.	0.9	12
28	Water-soluble coenzyme Q10 formulation in presbycusis: Long-term effects. <i>Acta Oto-Laryngologica</i> , 2011, 131, 512-517.	0.9	13
29	The effect of active sonar for the protection of moored and anchored warships on the human hearing. <i>European Archives of Oto-Rhino-Laryngology</i> , 2010, 267, 207-211.	1.6	3
30	Ribosomal therapy in the treatment of recurrent acute adenoiditis. <i>European Archives of Oto-Rhino-Laryngology</i> , 2010, 267, 1313-1318.	1.6	8
31	Evaluation of an automated auditory brainstem response in a multi-stage infant hearing screening. <i>European Archives of Oto-Rhino-Laryngology</i> , 2010, 267, 1199-1205.	1.6	21
32	Piezosurgery [®] for removal of symptomatic ear osteoma. <i>European Archives of Oto-Rhino-Laryngology</i> , 2010, 267, 1527-1530.	1.6	12
33	Piezosurgery [®] versus microdrill in intact canal wall mastoidectomy. <i>European Archives of Oto-Rhino-Laryngology</i> , 2010, 267, 1705-1711.	1.6	20
34	Piezoelectric stapedotomy: the importance of a micropulse program. <i>Acta Oto-Laryngologica</i> , 2010, 130, 1364-1369.	0.9	5
35	Nasal tactile sensitivity in elderly. <i>Acta Oto-Laryngologica</i> , 2010, 130, 1389-1393.	0.9	11
36	Results of revision mastoidectomy with Piezosurgery [®] . <i>Acta Oto-Laryngologica</i> , 2010, 130, 1119-1124.	0.9	10

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37	Water-soluble coenzyme Q10 formulation (Q-TER [®]) in the treatment of presbycusis. Acta Oto-Laryngologica, 2010, 130, 1154-1162.	0.9	16
38	Learning Curve for Piezosurgery in Well-Trained Otological Surgeons. Otolaryngology - Head and Neck Surgery, 2010, 142, 120-125.	1.9	29
39	Harmonic Scalpel vs "cold knife" dissection in uvulopalatopharyngoplasty. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2010, 31, 442-447.	1.3	5
40	Sulphurous thermal water inhalations in the treatment of chronic rhinosinusitis. Rhinology, 2010, 48, 71-6.	1.3	20
41	Effects of uvulopalatopharyngoplasty with Harmonic Scalpel on speech and voice. European Archives of Oto-Rhino-Laryngology, 2009, 266, 1989-1994.	1.6	15
42	Sulphurous water inhalations in the prophylaxis of recurrent upper respiratory tract infections. International Journal of Pediatric Otorhinolaryngology, 2008, 72, 1717-1722.	1.0	34
43	The Effect of Sonar on Human Hearing. , 0, , .		1
44	Videomics of the Upper Aero-Digestive Tract Cancer: Deep Learning Applied to White Light and Narrow Band Imaging for Automatic Segmentation of Endoscopic Images. Frontiers in Oncology, 0, 12, .	2.8	17