

Luca Bruschini

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

1,905
citations

279798

23
h-index

302126

39
g-index

107
all docs

107
docs citations

107
times ranked

2253
citing authors

#	ARTICLE	IF	CITATIONS
1	Prognostic significance of cyclooxygenase-2 pathway and angiogenesis in head and neck squamous cell carcinoma. <i>Human Pathology</i> , 2002, 33, 708-714.	2.0	196
2	Perennial allergic rhinitis and chronic sinusitis: correlation with rhinologic risk factors. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1999, 54, 242-248.	5.7	136
3	P(VDFâ€¦rFE)/BaTiO₃ Nanoparticle Composite Films Mediate Piezoelectric Stimulation and Promote Differentiation of SHâ€¦Y5Y Neuroblastoma Cells. <i>Advanced Healthcare Materials</i> , 2016, 5, 1808-1820.	7.6	129
4	Analysis of the 3-Dimensional Fluid-Attenuated Inversion-Recovery (3D-FLAIR) Sequence in Idiopathic Sudden Sensorineural Hearing Loss. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2013, 139, 456.	2.2	89
5	SARSâ€¦CoVâ€¦2 infection and venous thromboembolism after surgery: an international prospective cohort study. <i>Anaesthesia</i> , 2022, 77, 28-39.	3.8	82
6	Value of opposed-phase gradient-echo technique in distinguishing between benign and malignant vertebral lesions. <i>European Radiology</i> , 2002, 12, 1811-1818.	4.5	73
7	Evaluation of the Incidence and Potential Mechanisms of Tracheal Complications in Patients With COVID-19. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2021, 147, 70.	2.2	69
8	Cumulative prognostic value of p53 mutations and bcl-2 protein expression in head-and-neck cancer treated by radiotherapy. <i>International Journal of Cancer</i> , 1999, 84, 573-579.	5.1	66
9	Design, fabrication and characterization of composite piezoelectric ultrafine fibers for cochlear stimulation. <i>Materials and Design</i> , 2017, 122, 206-219.	7.0	57
10	Fully implantable Otologics MET Carina^{â„¢} device for the treatment of sensorineural and mixed hearing loss: Audio-otological results. <i>Acta Oto-Laryngologica</i> , 2010, 130, 1147-1153.	0.9	56
11	Trigeminal, Visceral and Vestibular Inputs May Improve Cognitive Functions by Acting through the Locus Coeruleus and the Ascending Reticular Activating System: A New Hypothesis. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 130.	1.7	50
12	Neck input modifies the reference frame for coding labyrinthine signals in the cerebellar vermis: a cellular analysis. <i>Neuroscience</i> , 1999, 93, 1095-1107.	2.3	48
13	Ultra-slow mechanical stimulation of olfactory epithelium modulates consciousness by slowing cerebral rhythms in humans. <i>Scientific Reports</i> , 2018, 8, 6581.	3.3	32
14	Fully implantable Otologics MET Carina device for the treatment of sensorineural hearing loss. Preliminary surgical and clinical results. <i>Acta Otorhinolaryngologica Italica</i> , 2009, 29, 79-85.	1.5	32
15	Transtympanic Steroids as a Salvage Therapy in Sudden Hearing Loss: Preliminary Results. <i>Orl</i> , 2006, 68, 247-252.	1.1	30
16	Biodegradable Polymeric Micro/Nano-Structures with Intrinsic Antifouling/Antimicrobial Properties: Relevance in Damaged Skin and Other Biomedical Applications. <i>Journal of Functional Biomaterials</i> , 2020, 11, 60.	4.4	30
17	Prediction of recurrence by microsatellite analysis in head and neck cancer. <i>Genes Chromosomes and Cancer</i> , 2000, 29, 201-206.	2.8	29
18	Lithium niobate nanoparticles as biofunctional interface material for inner ear devices. <i>Biointerphases</i> , 2020, 15, 031004.	1.6	28

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19	Exclusive Transcanal Surgical Approach for Vibrant Soundbridge Implantation. <i>Otology and Neurotology</i> , 2009, 30, 950-955.	1.3	27
20	Cochlear Implant in the Elderly: Results in Terms of Speech Perception and Quality of Life. <i>Audiology and Neuro-Otology</i> , 2019, 24, 77-83.	1.3	27
21	Effects of Vestibular and Neck Proprioceptive Stimulation on Posture as a Function of Hypnotizability. <i>International Journal of Clinical and Experimental Hypnosis</i> , 2008, 56, 170-184.	1.8	26
22	The Carina® middle ear implant: surgical and functional outcomes. <i>European Archives of Oto-Rhino-Laryngology</i> , 2016, 273, 3631-3640.	1.6	26
23	Facial nerve stimulation after cochlear implantation: our experience. <i>Acta Otorhinolaryngologica Italica</i> , 2011, 31, 11-6.	1.5	25
24	Can Magnetic Resonance Radiomics Analysis Discriminate Parotid Gland Tumors? A Pilot Study. <i>Diagnostics</i> , 2020, 10, 900.	2.6	21
25	Progressive sensorineural hearing impairment in systemic vasculitides. <i>Seminars in Arthritis and Rheumatism</i> , 1998, 27, 301-318.	3.4	18
26	Enlarged vestibular aqueduct and Mondini Malformation: audiological, clinical, radiologic and genetic features. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021, 278, 2305-2312.	1.6	18
27	The Role of High-Resolution Magnetic Resonance in Atypical and Intractable Benign Paroxysmal Positional Vertigo: Our Preliminary Experience. <i>Orl</i> , 2007, 69, 212-217.	1.1	17
28	Cochlear implant in prelingually deafened oralist adults: speech perception outcomes, subjective benefits and quality of life improvement. <i>Acta Otorhinolaryngologica Italica</i> , 2017, 37, 416-422.	1.5	17
29	Paroxysmal positional vertigo: short- and long-term clinical and methodological analyses of 794 patients. <i>Acta Otorhinolaryngologica Italica</i> , 2003, 23, 155-60.	1.5	16
30	Hypnotizability-dependent modulation of the changes in heart rate control induced by upright stance. <i>Brain Research Bulletin</i> , 2008, 75, 692-697.	3.0	15
31	How does a bilingual environment affect the results in children with cochlear implants compared to monolingual-matched children? An Italian follow-up study. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2018, 105, 56-62.	1.0	15
32	Short-Term Effects of Chewing on Task Performance and Task-Induced Mydriasis: Trigeminal Influence on the Arousal Systems. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 68.	1.7	14
33	Acupuncture treatment of whiplash injury. <i>International Tinnitus Journal</i> , 2004, 10, 156-60.	0.2	14
34	Multivariate analysis of prognostic factors in T3 N0 laryngeal carcinoma treated with total laryngectomy. <i>Otolaryngology - Head and Neck Surgery</i> , 2003, 128, 654-662.	1.9	13
35	Ossicular replacement prostheses from banked bone with ergonomic and functional geometry. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 2495-2506.	3.4	13
36	Syringocystadenoma Papilliferum of the External Auditory Canal. <i>American Journal of Case Reports</i> , 2017, 18, 520-524.	0.8	13

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37	Plasma Homocysteine, Folate, and Vitamin B12 Levels in Patients With Laryngeal Cancer. JAMA Otolaryngology, 2008, 134, 1328.	1.2	12
38	The path from trigeminal asymmetry to cognitive impairment: a behavioral and molecular study. Scientific Reports, 2021, 11, 4744.	3.3	12
39	Microsatellite instability as biomarker for risk of multiple primary malignancies of the upper aerodigestive tract. Oncology Reports, 2001, 8, 393-9.	2.6	12
40	Trigeminal input, pupil size and cognitive performance: From oral to brain matter. Brain Research, 2021, 1751, 147194.	2.2	11
41	Chronic Tuberculous Otomastoiditis: A Case Report. Journal of International Advanced Otolaryngology, 2016, 12, 219-221.	1.0	11
42	Responses of Purkinje-cells of the cerebellar anterior vermis to stimulation of vestibular and somatosensory receptors. Neuroscience, 2006, 142, 235-245.	2.3	10
43	Tuning of human vestibulospinal reflexes by leg rotation. Human Movement Science, 2011, 30, 296-313.	1.4	10
44	Histologic Characterization of Human Ear Ossicles for the Development of Tissue-Engineered Replacements. Otolaryngology and Neurotology, 2012, 33, 1458-1468.	1.3	10
45	A Rare Case of Nasopharyngeal Pleomorphic Adenoma. Case Reports in Otolaryngology, 2013, 2013, 1-3.	0.2	10
46	Is the Da Vinci Xi system a real improvement for oncologic transoral robotic surgery? A systematic review of the literature. Journal of Robotic Surgery, 2021, 15, 1-12.	1.8	10
47	Effect of the Trigeminal Nerve Stimulation on Auditory Event-Related Potentials. Cerebral Cortex Communications, 2021, 2, tgab012.	1.6	10
48	A Case of Primary Non-Hodgkinian Lymphoma of the External Auditory Canal. Case Reports in Otolaryngology, 2013, 2013, 1-4.	0.2	9
49	Otogenic Meningitis: A Comparison of Diagnostic Performance of Surgery and Radiology. Open Forum Infectious Diseases, 2017, 4, ofx069.	0.9	9
50	Cochlear implantation in patients affected by superficial hemosiderosis of the central nervous system. European Archives of Oto-Rhino-Laryngology, 2012, 269, 25-31.	1.6	8
51	3D fiber deposited polymeric scaffolds for external auditory canal wall. Journal of Materials Science: Materials in Medicine, 2018, 29, 63.	3.6	8
52	Extensive Skull Base Osteomyelitis Secondary to Malignant Otitis Externa. Journal of International Advanced Otolaryngology, 2019, 15, 463-465.	1.0	8
53	Coupling sensory inputs to the appropriate motor responses: new aspects of cerebellar function. Archives Italiennes De Biologie, 2004, 142, 199-215.	0.4	8
54	Parapharyngeal Cyst. Journal of Craniofacial Surgery, 2008, 19, 1487-1490.	0.7	7

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55	Effects of trunk-to-head rotation on the labyrinthine responses of rat reticular neurons. <i>Neuroscience</i> , 2012, 224, 48-62.	2.3	7
56	Radiation-induced nausea and vomiting in head and neck cancer: Is it something worth considering in the intensity modulated radiotherapy era? A narrative review. <i>Head and Neck</i> , 2020, 42, 131-137.	2.0	7
57	Acute peripheral vertigo: involvement of the hemostatic system. <i>International Tinnitus Journal</i> , 2003, 9, 124-9.	0.2	7
58	Postural responses of forelimb extensors to somatosensory signals elicited during wrist rotation: interaction with vestibular reflexes. <i>Pflugers Archiv European Journal of Physiology</i> , 2002, 443, 548-557.	2.8	6
59	Good Manufacturing Practices Grade Preformed Ossicular Prostheses from Banked Bone via Computer Numerically Controlled Micromilling. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2011, 120, 9-16.	1.1	6
60	Percutaneous Tracheostomy in COVID-19 Critically Ill Patients: Experience from 30 Consecutive Procedures. <i>International Archives of Otorhinolaryngology</i> , 2021, 25, e135-e140.	0.8	6
61	Bone Anchored Hearing Aids for the Treatment of Asymmetric Hearing Loss. <i>Journal of International Advanced Otolaryngology</i> , 2020, 16, 313-317.	1.0	6
62	Chewing and Cognitive Improvement: The Side Matters. <i>Frontiers in Systems Neuroscience</i> , 2021, 15, 749444.	2.5	6
63	Effects of Leg-to-Body Position on the Responses of Rat Cerebellar and Vestibular Nuclear Neurons to Labyrinthine Stimulation. <i>Cerebellum</i> , 2012, 11, 212-222.	2.5	5
64	Ipoacusia neurosensoriale idiopatica nell'unico orecchio udente. <i>Acta Otorhinolaryngologica Italica</i> , 2016, 36, 119-126.	1.5	5
65	Coupling between Trigeminal-Induced Asymmetries in Locus Coeruleus Activity and Cognitive Performance. <i>Symmetry</i> , 2021, 13, 1676.	2.2	5
66	A Rare Case of Perrault Syndrome with Auditory Neuropathy Spectrum Disorder: Cochlear Implantation Treatment and Literature Review. <i>Audiology Research</i> , 2021, 11, 609-617.	1.8	5
67	Extended-hearing targeted screening for congenital cytomegalovirus infection. <i>Minerva Pediatrics</i> , 2021, , .	0.4	5
68	Experimental Assessment of Cuff Pressures on the Walls of a Trachea-Like Model Using Force Sensing Resistors: Insights for Patient Management in Intensive Care Unit Settings. <i>Sensors</i> , 2022, 22, 697.	3.8	5
69	Presa in carico precoce del bambino ipoacusico. <i>Acta Otorhinolaryngologica Italica</i> , 2016, 36, 51-59.	1.5	4
70	Functional and aesthetic outcomes of pedicled temporalis muscle flap for mesostructure reconstruction. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2021, 49, 231-237.	1.7	4
71	Drop attacks and vertical vertigo after transtympanic gentamicin: diagnosis and management. <i>Acta Otorhinolaryngologica Italica</i> , 2005, 25, 370-3.	1.5	4
72	Transtympanic steroids in refractory sudden hearing loss. Personal experience. <i>Acta Otorhinolaryngologica Italica</i> , 2006, 26, 14-9.	1.5	4

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73	Cranio-cervical necrotizing fasciitis: case report and review of the literature. <i>Acta Otorhinolaryngologica Italica</i> , 2004, 24, 83-6.	1.5	4
74	A silicone nasal swab for the treatment of severe and recalcitrant epistaxis in hereditary hemorrhagic telangiectasia: an alternative to surgical nostril closure. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2011, 32, 301-303.	1.3	3
75	Preformed homologous cortical bone prostheses for ossiculoplasty: preliminary clinical results in eighteen patients. <i>Clinical Otolaryngology</i> , 2012, 37, 415-421.	1.2	3
76	Diagnosi eziologica dell'ipoacusia nei bambini identificati attraverso lo screening audiologico neonatale. <i>Acta Otorhinolaryngologica Italica</i> , 2016, 36, 29-37.	1.5	3
77	Applications of bioresorbable polymers in skin and eardrum. , 2017, , 423-444.		3
78	Cochlear implant in a subject affected by the Chudley-McCullough Syndrome. <i>Cochlear Implants International</i> , 2019, 20, 217-221.	1.2	3
79	Assessing Pupil-linked Changes in Locus Coeruleus-mediated Arousal Elicited by Trigeminal Stimulation. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	3
80	Experience in Transoral Robotic Surgery in Pediatric Subjects: A Systematic Literature Review. <i>Frontiers in Surgery</i> , 2021, 8, 726739.	1.4	3
81	Human papillomavirus-related head and neck adenosquamous carcinoma: A systematic review and individual patient data meta-analysis. <i>Oral Oncology</i> , 2021, 119, 105252.	1.5	3
82	Recent and future developments in cochlear implant technology: review of the literature. <i>Otorhinolaryngology(Italy)</i> , 2021, 71, .	0.1	3
83	The value of Oro-pharyngo-esophageal scintigraphy in the management of patients with aspiration into the tracheo-bronchial tree and consequent dysphagia. <i>North American Journal of Medical Sciences</i> , 2015, 7, 533.	1.7	3
84	Potential Mechanisms of Laryngotracheal Injuries in Patients With COVID-19 Subjected to Invasive Ventilation. <i>Respiratory Care</i> , 2021, 66, 1927-1928.	1.6	3
85	Effects of betahistine on the spatiotemporal response properties of vestibulospinal neurons to labyrinthine volleys. <i>European Journal of Pharmacology</i> , 2005, 515, 73-82.	3.5	2
86	A New Surgical Approach for Direct Acoustic Cochlear Implant: A Temporal Bone Study. <i>Clinical and Experimental Otorhinolaryngology</i> , 2016, 9, 314-318.	2.1	2
87	3D fluid attenuated inversion recovery (FLAIR) magnetic resonance imaging at different stages of otosclerosis. <i>European Archives of Oto-Rhino-Laryngology</i> , 2018, 275, 2643-2652.	1.6	2
88	Transtympanic Hearing Aid: exploratory study on a new device. <i>Acta Otorhinolaryngologica Italica</i> , 2018, 38, 236-241.	1.5	2
89	Lichen planus of the external auditory canal: Treatment options and review of literature. <i>Clinical Case Reports (discontinued)</i> , 2020, 8, 2017-2020.	0.5	2
90	Letter to the Editor regarding "Long-term intubation and high rate of tracheostomy in COVID-19 patients might determine an unprecedented increase of airway stenoses: a call to action from the European Laryngological Society" by Piazza et al.. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021, 278, 1709-1710.	1.6	2

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91	Cochlear implant in prelingually hearing-impaired adults: prognostic factors and results. <i>Acta Otorhinolaryngologica Italica</i> , 2021, 41, 173-179.	1.5	2
92	Middle Ear Neuroendocrine Adenoma: A Case Report and Literature Review. <i>Case Reports in Otolaryngology</i> , 2020, 2020, 1-5.	0.2	2
93	Inflammatory Profiles of Tracheal Biopsies From SARS-CoV-2 Patients. <i>Frontiers in Microbiology</i> , 2022, 13, 851460.	3.5	2
94	A new technique to investigate vestibulo-spinal reflexes. <i>Archives Italiennes De Biologie</i> , 2013, 151, 54-66.	0.4	2
95	Incidence and types of laryngotracheal sequelae of prolonged invasive ventilation in COVID-19 patients. <i>European Archives of Oto-Rhino-Laryngology</i> , 2022, 279, 5755-5760.	1.6	2
96	Comparison of a purely endoscopic three-layer technique versus pericranial flap for reconstruction of anterior skull base defects after sino-nasal tumor resection: assessment of postoperative frontal lobe sagging and frontal lobe falling. <i>Rhinology</i> , 2020, 58, 0-0.	1.3	1
97	Skull-Base Inflammatory Pseudotumor Involving the Trigeminal and Facial Nerves: A Singular Presentation of a Rare Disease. <i>The Surgery Journal</i> , 2020, 06, e33-e36.	0.7	1
98	Laryngeal and Tracheal Pressure Injuries in Patients With COVID-19â€™Reply. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2021, 147, 485.	2.2	1
99	Surgical treatment in obstructive sleep apnea syndrome: an overview. <i>International Surgery Journal</i> , 2020, 7, 2807.	0.1	1
100	Paradoxical vocal cord dysfunction: clinical experience and personal considerations. <i>Acta Otorhinolaryngologica Italica</i> , 2007, 27, 248-54.	1.5	1
101	Cochlear implantation in patients with asymmetric hearing loss: reporting and discussing the benefits in speech perception, speech reception threshold, squelch abilities, and patientsâ€™ reported outcomes. <i>Journal of Laryngology and Otology</i> , 2022, 136, 964-969.	0.8	1
102	Giant neck neoplasm. Case report. <i>Acta Otorhinolaryngologica Italica</i> , 2003, 23, 388-90.	1.5	1
103	Neuronal responses to tilt within the rat cerebellar vermis. <i>Brain Research Bulletin</i> , 2009, 78, 182-188.	3.0	0
104	Cavernous Sinus Hemangioma: Diagnosis and Treatment. <i>Journal of Clinical Case Reports</i> , 2018, 08, .	0.0	0
105	Binaural hearing restoration with a bilateral fully implantable middle ear implant. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021, 278, 2239-2246.	1.6	0
106	Nanotechnology-assisted piezoelectrodes for cochlear stimulation. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 4, .	4.1	0