Yann Nguyen

List of Publications by Year
in descending order

92	1,728	279798	361022
papers	citations	23 h-index	35 g-index

108	108	108	1727
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent advances in local drug delivery to the inner ear. International Journal of Pharmaceutics, 2015, 494, 83-101.	5.2	124
2	Effect of liposomes on rheological and syringeability properties of hyaluronic acid hydrogels intended for local injection of drugs. International Journal of Pharmaceutics, 2015, 487, 187-196.	5.2	74
3	Hyaluronic acid liposomal gel sustains delivery of a corticoid to the inner ear. Journal of Controlled Release, 2016, 226, 248-257.	9.9	68
4	Damage to inner ear structure during cochlear implantation: Correlation between insertion force and radio-histological findings in temporal bone specimens. Hearing Research, 2017, 344, 90-97.	2.0	58
5	Self-reported loss of smell without nasal obstruction to identify COVID-19. The multicenter Coranosmia cohort study. Journal of Infection, 2020, 81, 614-620.	3.3	55
6	Friction Force Measurement During Cochlear Implant Insertion. Otology and Neurotology, 2012, 33, 1092-1100.	1.3	49
7	Multivariate Analysis of Factors Influencing Facial Nerve Outcome following Microsurgical Resection of Vestibular Schwannoma. Otolaryngology - Head and Neck Surgery, 2017, 156, 525-533.	1.9	45
8	Cochlear Implant Insertion Forces in Microdissected Human Cochlea to Evaluate a Prototype Array. Audiology and Neuro-Otology, 2012, 17, 290-298.	1.3	44
9	Is Electrode-Modiolus Distance a Prognostic Factor for Hearing Performances after Cochlear Implant Surgery?. Audiology and Neuro-Otology, 2013, 18, 406-413.	1.3	43
10	Evolution of electrode array diameter for hearing preservation in cochlear implantation. Acta Oto-Laryngologica, 2013, 133, 116-122.	0.9	43
11	Middle Ear and Mastoid Obliteration for Cochlear Implant in Adults. Otology and Neurotology, 2015, 36, 604-609.	1.3	35
12	Robot-based assistance in middle ear surgery and cochlear implantation: first clinical report. European Archives of Oto-Rhino-Laryngology, 2021, 278, 77-85.	1.6	35
13	Anatomical, functional and qualityâ€ofâ€life results for mastoid and epitympanic obliteration with bioactive glass s53p4: a prospective clinical study. Clinical Otolaryngology, 2017, 42, 387-396.	1.2	33
14	Use of anatomic or invasive markers in association with skin surface registration in image-guided surgery of the temporal bone. Acta Oto-Laryngologica, 2009, 129, 405-410.	0.9	31
15	Cochlear Implant Insertion Axis Into the Basal Turn: A Critical Factor in Electrode Array Translocation. Otology and Neurotology, 2018, 39, 168-176.	1.3	31
16	Robot-assisted Cochlear Implant Electrode Array Insertion in Adults: A Comparative Study With Manual Insertion. Otology and Neurotology, 2021, 42, e438-e444.	1.3	31
17	Meniett device in meniere disease: Randomized, doubleâ€blind, placeboâ€controlled multicenter trial. Laryngoscope, 2017, 127, 470-475.	2.0	28
18	The Role of Electrode Placement in Bilateral Simultaneously Cochlearâ€Implanted Adult Patients. Otolaryngology - Head and Neck Surgery, 2016, 155, 485-493.	1.9	27

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19	Improvement of the insertion axis for cochlear implantation with a robot-based system. European Archives of Oto-Rhino-Laryngology, 2017, 274, 715-721.	1.6	27
20	Design, Kinematic Optimization, and Evaluation of a Teleoperated System for Middle Ear Microsurgery. Scientific World Journal, The, 2012, 2012, 1-19.	2.1	26
21	Variability of the mental representation of the cochlear anatomy during cochlear implantation. European Archives of Oto-Rhino-Laryngology, 2016, 273, 2009-2018.	1.6	26
22	An Optimized Robotâ€Based Technique for Cochlear Implantation to Reduce Array Insertion Trauma. Otolaryngology - Head and Neck Surgery, 2018, 159, 900-907.	1.9	26
23	Association Between Laryngopharyngeal Reflux and Media Otitis: A Systematic Review. Otology and Neurotology, 2021, 42, e801-e814.	1.3	25
24	Modifications to a 3D-printed temporal bone model for augmented stapes fixation surgery teaching. European Archives of Oto-Rhino-Laryngology, 2017, 274, 2733-2739.	1.6	24
25	Effects of systemic administration of methylprednisolone on residual hearing in an animal model of cochlear implantation. Acta Oto-Laryngologica, 2011, 131, 579-584.	0.9	23
26	Definition of Metrics to Evaluate Cochlear Array Insertion Forces Performed with Forceps, Insertion Tool, or Motorized Tool in Temporal Bone Specimens. BioMed Research International, 2014, 2014, 1-9.	1.9	23
27	Cutaneous and Labyrinthine Tolerance of Bioactive Glass S53P4 in Mastoid and Epitympanic Obliteration Surgery: Prospective Clinical Study. BioMed Research International, 2015, 2015, 1-6.	1.9	23
28	Diode Laser in Otosclerosis Surgery. Otology and Neurotology, 2008, 29, 441-446.	1.3	22
29	Use of bone anchoring device in electromagnetic computer-assisted navigation in lateral skull base surgery. Acta Oto-Laryngologica, 2013, 133, 1047-1052.	0.9	22
30	Minimally Invasive Computer-Assisted Approach for Cochlear Implantation. Surgical Innovation, 2011, 18, 259-267.	0.9	21
31	Intraoperative Conebeam CT for Assessment of Intracochlear Positioning of Electrode Arrays in Adult Recipients of Cochlear Implants. American Journal of Neuroradiology, 2018, 39, 768-774.	2.4	21
32	Nanocarriers for drug delivery to the inner ear: Physicochemical key parameters, biodistribution, safety and efficacy. International Journal of Pharmaceutics, 2021, 592, 120038.	5.2	21
33	ACTA OTORHINOLARYNGOLOGICA ITALICA. Acta Otorhinolaryngologica Italica, 2016, 36, 408-414.	1.5	20
34	Ricostruzione multiplanare 3D di immagini cone beam per lÂ'idenficazione della posizione degli impianti cocleari. Studio su ossi temporali e pazienti impiantati. Acta Otorhinolaryngologica Italica, 2016, 36, 499-505.	1.5	19
35	Influence of electrode array stiffness and diameter on hearing in cochlear implanted guinea pig. PLoS ONE, 2017, 12, e0183674.	2.5	19
36	Robotics, automation, active electrode arrays, and new devices for cochlear implantation: A contemporary review. Hearing Research, 2022, 414, 108425.	2.0	19

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37	Effect of a liposomal hyaluronic acid gel loaded with dexamethasone in a guinea pig model after manual or motorized cochlear implantation. European Archives of Oto-Rhino-Laryngology, 2017, 274, 729-736.	1.6	18
38	Guidelines (short version) of the French Society of Otorhinolaryngology (SFORL) on pediatric cochlear implant indications. European Annals of Otorhinolaryngology, Head and Neck Diseases, 2019, 136, 385-391.	0.7	18
39	Intratemporal facial nerve schwannoma: clinical presentation and management. European Archives of Oto-Rhino-Laryngology, 2016, 273, 3497-3504.	1.6	17
40	Potential of Robot-Based Surgery for Otosclerosis Surgery. Otolaryngologic Clinics of North America, 2018, 51, 475-485.	1.1	17
41	ECAP growth function to increasing pulse amplitude or pulse duration demonstrates large inter-animal variability that is reflected in auditory cortex of the guinea pig. PLoS ONE, 2018, 13, e0201771.	2.5	17
42	Long-term residual hearing in cochlear implanted adult patients who were candidates for electro-acoustic stimulation. European Archives of Oto-Rhino-Laryngology, 2020, 277, 705-713.	1.6	16
43	Five-Year Hearing Outcomes in Bilateral Simultaneously Cochlear-Implanted Adult Patients. Audiology and Neuro-Otology, 2016, 21, 261-267.	1.3	15
44	Superparamagnetic nanoparticles as vectors for inner ear treatments: driving and toxicity evaluation. Acta Oto-Laryngologica, 2016, 136, 402-408.	0.9	15
45	Cone beam computed tomography and histological evaluations of a straight electrode array positioning in temporal bones. Acta Oto-Laryngologica, 2017, 137, 229-234.	0.9	15
46	Use of granules of biphasic ceramic in rehabilitation of canal wall down mastoidectomy. European Archives of Oto-Rhino-Laryngology, 2014, 271, 59-64.	1.6	14
47	Geniculate Ganglion Tumors. Otolaryngology - Head and Neck Surgery, 2016, 155, 850-855.	1.9	14
48	From Conception to Application of a Tele-Operated Assistance Robot for Middle Ear Surgery. Surgical Innovation, 2012, 19, 241-251.	0.9	13
49	Imaging Criteria to Predict Surgical Difficulties During Stapes Surgery. Otology and Neurotology, 2017, 38, 815-821.	1.3	13
50	How to radiologically identify a spontaneous regression of sporadic vestibular schwannoma?. PLoS ONE, 2019, 14, e0217752.	2.5	13
51	French Society of ENT (SFORL) guidelines. Indications for cochlear implantation in adults. European Annals of Otorhinolaryngology, Head and Neck Diseases, 2019, 136, 193-197.	0.7	13
52	Middle-Ear Microsurgery Simulation to Improve New Robotic Procedures. BioMed Research International, 2014, 2014, 1-10.	1.9	12
53	<scp>IVORY</scp> Guidelines (Instructional Videos in Otorhinolaryngology by <scp>YOâ€FOS</scp>): A Consensus on Surgical Videos in Ear, Nose, and Throat. Laryngoscope, 2021, 131, E732-E737.	2.0	12
54	Improving facial nerve outcome and hearing preservation by different degrees of vestibular schwannoma resection guided by intraoperative facial nerve electromyography. Acta Neurochirurgica, 2020, 162, 1983-1993.	1.7	12

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55	Design of a robotic system for minimally invasive surgery of the middle ear. , 2008, , .		11
56	Effect of Angiotensin II on Inflammation Pathways in Human Primary Bone Cell Cultures in Otosclerosis. Audiology and Neuro-Otology, 2012, 17, 169-178.	1.3	11
57	Validation Method of a Middle Ear Mechanical Model to Develop a Surgical Simulator. Audiology and Neuro-Otology, 2014, 19, 73-84.	1.3	11
58	Transtympanic injection of a liposomal gel loaded with N-acetyl-L-cysteine: A relevant strategy to prevent damage induced by cochlear implantation in guinea pigs?. International Journal of Pharmaceutics, 2021, 604, 120757.	5.2	11
59	Effect of Embedded Dexamethasone in Cochlear Implant Array on Insertion Forces in an Artificial Model of Scala Tympani. Otology and Neurotology, 2015, 36, 354-358.	1.3	10
60	Usefulness of temporal bone prototype for drilling training: A prospective study. Clinical Otolaryngology, 2017, 42, 1200-1205.	1.2	10
61	Atraumatic Insertion of a Cochlear Implant Pre-Curved Electrode Array by a Robot-Automated Alignment with the Coiling Direction of the Scala Tympani. Audiology and Neuro-Otology, 2022, 27, 148-155.	1.3	10
62	Audiological Results and Quality of Life of Sophono Alpha 2 Transcutaneous Bone-Anchored Implant Users in Single-Sided Deafness. Audiology and Neuro-Otology, 2016, 21, 158-164.	1.3	9
63	Restoration of High Frequency Auditory Perception After Robot-Assisted or Manual Cochlear Implantation in Profoundly Deaf Adults Improves Speech Recognition. Frontiers in Surgery, 2021, 8, 729736.	1.4	9
64	Management of epi- and mesotympanic cholesteatomas by one-stage trans-canal atticotomy in adults. European Archives of Oto-Rhino-Laryngology, 2016, 273, 2941-2946.	1.6	8
65	Assessment of the efficacy of a local steroid rescue treatment administered 2Âdays after a moderate noise-induced trauma in guinea pig. Acta Oto-Laryngologica, 2018, 138, 610-616.	0.9	8
66	Benefits of a contralateral routing of signal device for unilateral NaÃda CI cochlear implant recipients. European Archives of Oto-Rhino-Laryngology, 2019, 276, 2205-2213.	1.6	8
67	Morphometric analysis of CT scans of the facial canal in Bellâ€™s palsy: A study of 51 patients. Clinical Otolaryngology, 2019, 44, 656-659.	1.2	8
68	Management of sporadic vestibular schwannoma with contralateral nonserviceable hearing. Laryngoscope, 2020, 130, E407-E415.	2.0	8
69	CT and clinical prognostic factors in Bell's palsy: A study of 56 cases. Clinical Otolaryngology, 2019, 44, 861-864.	1.2	7
70	Protective Effect of Systemic Administration of Erythropoietin on Auditory Brain Stem Response and Compound Action Potential Thresholds in an Animal Model of Cochlear Implantation. Annals of Otology, Rhinology and Laryngology, 2011, 120, 737-747.	1.1	6
71	Evaluation of command modes of an assistance robot for middle ear surgery. , 2011, , .		6
72	Smile Reanimation after Unilateral Facial Palsy by Lengthening Temporalis Myoplasty. Plastic and Reconstructive Surgery, 2017, 139, 984e-993e.	1.4	6

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73	Fluctuating Hearing Loss in the Only Hearing Ear: Cochlear Implantation in the Contralateral Deaf Side. Otolaryngology - Head and Neck Surgery, 2018, 158, 1101-1106.	1.9	6
74	Pig as a large animal model for posterior fossa surgery in oto-neurosurgery: A cadaveric study. PLoS ONE, 2019, 14, e0212855.	2.5	5
75	Benefits in noise from sound processor upgrade in thirty-three cochlear implant users for more than 20Âyears. European Archives of Oto-Rhino-Laryngology, 2021, 278, 827-831.	1.6	5
76	Super paramagnetic nanoparticles delivery through a microcatheter by solenoids. , 2010, , .		4
77	Intraoperative facial nerve electromyography parameters to optimize postoperative facial nerve outcome in patients with large unilateral vestibular schwannoma. Acta Neurochirurgica, 2021, 163, 2209-2217.	1.7	4
78	Numerical Simulation of Cochlear-Implant Surgery: Towards Patient-Specific Planning. Lecture Notes in Computer Science, 2016, , 500-507.	1.3	3
79	Robot-Assisted Middle Ear Endoscopic Surgery: Preliminary Results on 37 Patients. Frontiers in Surgery, 2021, 8, 740935.	1.4	3
80	Candidacy for Cochlear Implantation in Prelingual Profoundly Deaf Adult Patients. Journal of Clinical Medicine, 2022, 11, 1874.	2.4	3
81	Best Fit 3D Basilar Membrane Reconstruction to Routinely Assess the Scalar Position of the Electrode Array after Cochlear Implantation. Journal of Clinical Medicine, 2022, 11, 2075.	2.4	3
82	Management and Outcomes of Sporadic Vestibular Schwannoma: A Longitudinal Study Over 12â€‰Years. Laryngoscope, 2021, 131, E970-E976.	2.0	2
83	Analysis of forces during robot-assisted and manual manipulations of mobile and fixed footplate in temporal bone specimens. European Archives of Oto-Rhino-Laryngology, 2021, 278, 4269-4277.	1.6	2
84	Evaluation of command modes of an assistance robot for middle ear surgery. , 2011, , .		2
85	Evolution of the management of sporadic facial nerve schwannomas: A series of 83 cases over three decades. Clinical Otolaryngology, 2020, 45, 595-599.	1.2	1
86	Registration of a Validated Mechanical Atlas of Middle Ear for Surgical Simulation. Lecture Notes in Computer Science, 2013, 16, 331-338.	1.3	1
87	Haptic Rendering on Deformable Anatomical Tissues with Strong Heterogeneities. Lecture Notes in Computer Science, 2014, , 223-231.	1.3	1
88	Metachronous Bilateral Vestibular Schwannomas. Laryngoscope, 2021, 131, E250-E254.	2.0	0
89	POS0478â€…ASSOCIATION BETWEEN BODY SHAPES AND BODY SHAPE TRAJECTORIES, AND THE RISK OF RHEUMATOID ARTHRITIS IN THE FRENCH E3N COHORT. Annals of the Rheumatic Diseases, 2021, 80, 471.1-471.	0.9	0
90	Implant cochlÃ©aire et implant auditif central. , 2018, , 115-154.		0

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91	Is preoperative bone conduction shape a prognostic factor in otosclerosis surgery?. Clinical Otolaryngology, 2022, 47, 234-237.	1.2	0
92	One Year Assessment of the Hearing Preservation Potential of the EVO Electrode Array. Journal of Clinical Medicine, 2021, 10, 5604.	2.4	0