

# Stefan K Plontke

## List of Publications by Year in descending order

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Version: 2024-02-01

78  
papers

1,552  
citations

394286

19  
h-index

360920

35  
g-index

104  
all docs

104  
docs citations

104  
times ranked

1398  
citing authors

#	ARTICLE	IF	CITATIONS
1	Principles of Local Drug Delivery to the Inner Ear. <i>Audiology and Neuro-Otology</i> , 2009, 14, 350-360.	0.6	207
2	Pharmacokinetic principles in the inner ear: Influence of drug properties on intratympanic applications. <i>Hearing Research</i> , 2018, 368, 28-40.	0.9	121
3	Controlled drug release to the inner ear: Concepts, materials, mechanisms, and performance. <i>Hearing Research</i> , 2018, 368, 49-66.	0.9	66
4	Hearing loss in Muckle-Wells syndrome. <i>Arthritis and Rheumatism</i> , 2013, 65, 824-831.	6.7	59
5	Intracochlear Drug Injections through the Round Window Membrane: Measures to Improve Drug Retention. <i>Audiology and Neuro-Otology</i> , 2016, 21, 72-79.	0.6	54
6	Individual Computer-Assisted 3D Planning for Surgical Placement of a New Bone Conduction Hearing Device. <i>Otology and Neurotology</i> , 2014, 35, 1251-1257.	0.7	53
7	Functional results after Bonebridge implantation in adults and children with conductive and mixed hearing loss. <i>European Archives of Oto-Rhino-Laryngology</i> , 2015, 272, 3263-3269.	0.8	50
8	Influence of surgical and N95 face masks on speech perception and listening effort in noise. <i>PLoS ONE</i> , 2021, 16, e0253874.	1.1	50
9	Early detection of sensorineural hearing loss in Muckle-Wells-syndrome. <i>Pediatric Rheumatology</i> , 2015, 13, 43.	0.9	42
10	Cochlear implantation in a child with posttraumatic single-sided deafness. <i>European Archives of Oto-Rhino-Laryngology</i> , 2013, 270, 1757-1761.	0.8	41
11	Cochlear Implantation After Partial or Subtotal Cochleoectomy for Intracochlear Schwannoma Removal—A Technical Report. <i>Otology and Neurotology</i> , 2018, 39, 365-371.	0.7	40
12	Controlled Release Dexamethasone Implants in the Round Window Niche for Salvage Treatment of Idiopathic Sudden Sensorineural Hearing Loss. <i>Otology and Neurotology</i> , 2014, 35, 1168-1171.	0.7	38
13	Depth-dependent changes of obstruction patterns under increasing sedation during drug-induced sedation endoscopy: results of a German monocentric clinical trial. <i>Sleep and Breathing</i> , 2016, 20, 1035-1043.	0.9	38
14	In vitro and in vivo pharmacokinetic study of a dexamethasone-releasing silicone for cochlear implants. <i>European Archives of Oto-Rhino-Laryngology</i> , 2016, 273, 1745-1753.	0.8	35
15	Local drug delivery to the inner ear: Principles, practice, and future challenges. <i>Hearing Research</i> , 2018, 368, 1-2.	0.9	34
16	Cervical Necrotizing Fasciitis—The Value of the Laboratory Risk Indicator for Necrotizing Fasciitis Score as an Indicative Parameter. <i>Journal of Oral and Maxillofacial Surgery</i> , 2015, 73, 2319-2333.	0.5	27
17	How Much Cochlea Do You Need for Cochlear Implantation?. <i>Otology and Neurotology</i> , 2020, 41, 694-703.	0.7	26
18	Prevalence of hearing impairment in patients with rheumatoid arthritis, granulomatosis with polyangiitis (GPA, Wegener's granulomatosis), or systemic lupus erythematosus. <i>Clinical Rheumatology</i> , 2017, 36, 1501-1510.	1.0	25

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19	Prevalence of oropharyngeal dysphagia in geriatric patients and real-life associations with diseases and drugs. <i>Scientific Reports</i> , 2021, 11, 21955.	1.6	23
20	Evaluation of the Round Window Niche Before Local Drug Delivery to the Inner Ear Using a New Mini-Otoscope. <i>Otology and Neurotology</i> , 2011, 32, 183-185.	0.7	21
21	Diagnostics and therapy of sudden hearing loss. <i>GMS Current Topics in Otorhinolaryngology, Head and Neck Surgery</i> , 2017, 16, Doc05.	0.8	21
22	Progressive familial hearing loss in Muckle-Wells syndrome. <i>Acta Oto-Laryngologica</i> , 2012, 132, 756-762.	0.3	19
23	Mismatch negativity (MMN) objectively reflects timbre discrimination thresholds in normal-hearing listeners and cochlear implant users. <i>Brain Research</i> , 2014, 1586, 143-151.	1.1	19
24	Does ambient noise or hypobaric atmosphere influence olfactory and gustatory function?. <i>PLoS ONE</i> , 2018, 13, e0190837.	1.1	19
25	Perioperative Recording of Cochlear Implant Evoked Brain Stem Responses After Removal of the Intralabyrinthine Portion of a Vestibular Schwannoma in a Patient with NF2. <i>Otology and Neurotology</i> , 2019, 40, e20-e24.	0.7	18
26	Vasculitis and the ear: a literature review. <i>Current Opinion in Rheumatology</i> , 2020, 32, 47-52.	2.0	18
27	Clinical and functional results after implantation of the bonebridge, a semi-implantable, active transcutaneous bone conduction device, in children and adults. <i>European Archives of Oto-Rhino-Laryngology</i> , 2022, 279, 101-113.	0.8	17
28	Hearing Changes After Intratympanic Steroids for Secondary (Salvage) Therapy of Sudden Hearing Loss: A Meta-Analysis Using Mathematical Simulations of Drug Delivery Protocols. <i>Otology and Neurotology</i> , 2018, 39, 803-815.	0.7	16
29	Implantation of a new active bone conduction hearing device with optimized geometry. <i>Hno</i> , 2020, 68, 106-115.	0.4	16
30	Steroid Nomenclature in Inner Ear Therapy. <i>Otology and Neurotology</i> , 2020, 41, 722-726.	0.7	16
31	Systematic and audiological indication criteria for bone conduction devices and active middle ear implants. <i>Hearing Research</i> , 2022, 421, 108424.	0.9	16
32	Intraoperative quantification of floating mass transducer coupling quality in active middle ear implants: a multicenter study. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021, 278, 2277-2288.	0.8	15
33	Long-Term in vivo Release Profile of Dexamethasone-Loaded Silicone Rods Implanted Into the Cochlea of Guinea Pigs. <i>Frontiers in Neurology</i> , 2019, 10, 1377.	1.1	15
34	Evaluating the didactic value of 3D visualization in otosurgery. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021, 278, 1027-1033.	0.8	14
35	An Improved Technique of Subtotal Cochleoectomy for Removal of Intracochlear Schwannoma and Single-stage Cochlear Implantation. <i>Otology and Neurotology</i> , 2020, 41, e891.	0.7	12
36	Changes in Bone Conduction Implant Geometry Improve the Bone Fit in Mastoids of Children and Young Adults. <i>Otology and Neurotology</i> , 2020, 41, 1406-1412.	0.7	12

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37	A retrospective European multicenter analysis of the functional outcomes after active middle ear implant surgery using the third generation vibroplasty couplers. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021, 278, 67-75.	0.8	11
38	Assessment of Temporal Bone Thickness for Implantation of a New Active Bone-Conduction Transducer. <i>Otology and Neurotology</i> , 2021, 42, 278-284.	0.7	11
39	Intraoperative Recording of Auditory Brainstem Responses for Monitoring of Floating Mass Transducer Coupling Efficacy During Revision Surgery—Proof of Concept. <i>Otology and Neurotology</i> , 2020, 41, e168-e171.	0.7	10
40	Imaging of otosclerosis. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2020, 192, 745-753.	0.7	10
41	Hearing rehabilitation after subtotal cochleoectomy using a new, perimodiolar malleable cochlear implant electrode array: a preliminary report. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021, 278, 353-362.	0.8	10
42	Microimaging of a novel intracochlear drug delivery device in combination with cochlear implants in the human inner ear. <i>Drug Delivery and Translational Research</i> , 2022, 12, 257-266.	3.0	10
43	Reduced Spread of Electric Field After Surgical Removal of Intracochlear Schwannoma and Cochlear Implantation. <i>Otology and Neurotology</i> , 2020, 41, e1297-e1303.	0.7	10
44	Presentation of floating mass transducer and Vibroplasty Couplers on CT and Cone Beam CT. <i>European Archives of Oto-Rhino-Laryngology</i> , 2014, 271, 665-672.	0.8	9
45	Population-based cross-sectional study to assess newborn hearing screening program in central Germany. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2018, 107, 110-120.	0.4	9
46	Influence of transducer types on bone conduction hearing thresholds. <i>PLoS ONE</i> , 2018, 13, e0195233.	1.1	9
47	Cervical and Ocular Vestibular-Evoked Myogenic Potentials in Patients With Intracochlear Schwannomas. <i>Frontiers in Neurology</i> , 2020, 11, 549817.	1.1	9
48	Management of transmodiolar and transmacular cochleovestibular schwannomas with and without cochlear implantation. <i>Hno</i> , 2021, 69, 7-19.	0.4	9
49	Depth of sedation during drug induced sedation endoscopy monitored by BiSpectral Index <sup>®</sup> and Cerebral State Index <sup>®</sup> . <i>Sleep and Breathing</i> , 2021, 25, 1029-1035.	0.9	8
50	Improved binaural speech reception thresholds through small symmetrical separation of speech and noise. <i>PLoS ONE</i> , 2020, 15, e0236469.	1.1	7
51	Comparison of intraobserver single-task reliabilities of the Interactive Balance System (IBS) and Vertiguard in asymptomatic subjects. <i>Somatosensory &amp; Motor Research</i> , 2017, 34, 9-14.	0.4	6
52	Influence of bone conduction transducer type and placement on ocular and cervical vestibular evoked myogenic potentials. <i>Scientific Reports</i> , 2021, 11, 8500.	1.6	6
53	A case series shows independent vestibular labyrinthine function after major surgical trauma to the human cochlea. <i>Communications Medicine</i> , 2021, 1, .	1.9	6
54	Otology Jubilee: 150 years of the Archiv für Ohrenheilkunde – “Where do we come from?” “Where are we?” “Where are we going?” <i>European Archives of Oto-Rhino-Laryngology</i> , 2015, 272, 1301-1303.	0.8	5

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55	The Archiv für Ohrenheilkunde (Archive of Otolology): a structural analysis of the first 50 years (1864-1914). European Archives of Oto-Rhino-Laryngology, 2015, 272, 1347-1355.	0.8	5
56	Metabolic reprogramming of inner ear cell line HEI-OC1 after dexamethasone application. Metabolomics, 2021, 17, 52.	1.4	5
57	Hearing rehabilitation with single-stage bilateral vibroplasty in a child with Franceschetti syndrome. European Archives of Oto-Rhino-Laryngology, 2014, 271, 1339-1343.	0.8	4
58	Mismatch negativity reflects asymmetric pre-attentive harmonic interval discrimination. PLoS ONE, 2018, 13, e0196176.	1.1	3
59	Optimizing stimulation parameters to record electrically evoked cortical auditory potentials in cochlear implant users. Cochlear Implants International, 2021, 22, 121-127.	0.5	3
60	Optimized preoperative determination of nerve of origin in patients with vestibular schwannoma. Scientific Reports, 2021, 11, 8608.	1.6	3
61	Therapeutic ultrasound potentiates the anti-nociceptive and anti-inflammatory effects of curcumin to postoperative pain via Sirt1/NF- $\kappa$ B signaling pathway. American Journal of Translational Research (discontinued), 2018, 10, 3099-3110.	0.0	3
62	A Quantitative Approach for the Objective Assessment of Coupling Efficiency for an Active Middle Ear Implant by Recording Auditory Steady-state Responses. Otology and Neurotology, 2020, 41, e906-e911.	0.7	2
63	HNO-Heilkunde in Klinik und Praxis. , 2021, , 1237-1302.		2
64	Pure tone discrimination with cochlear implants and filter-band spread. Scientific Reports, 2021, 11, 20236.	1.6	2
65	Contribution of ambient noise and hyperbaric atmosphere to olfactory and gustatory function. PLoS ONE, 2020, 15, e0240537.	1.1	1
66	Seltene Erkrankungen und Hals-Nasen-Ohren-Heilkunde, Kopf und Halschirurgie. Laryngo- Rhino- Otologie, 2021, 100, S1-S11.	0.2	1
67	Recommendations for use of topical inhalant budesonide in COVID-19. Hno, 2021, 69, 35-38.	0.4	1
68	Insights into Inner Ear Function and Disease Through Novel Visualization of the Ductus Reunions, a Seminal Communication Between Hearing and Balance Mechanisms. JARO - Journal of the Association for Research in Otolaryngology, 0, , .	0.9	1
69	Computer assisted 3D planning for surgical placement of the Bonebridge bone conduction hearing implant, simultaneous implantation of epithesis anchors and audiological outcome in adults and children. Journal of Laryngology and Otology, 2016, 130, S128-S129.	0.4	0
70	Ohr - Anatomie und physiologische Grundlagen. , 2021, , 243-266.		0
71	Medikamentöse Therapie. , 2021, , 913-960.		0
72	Editorial. Laryngo- Rhino- Otologie, 2021, 100, S1-S1.	0.2	0

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73	Course of social support and associations with distress after partial laryngectomy. Journal of Psychosocial Oncology, 2021, , 1-14.	0.6	0
74	Rehabilitation and Prognosis of Disorders of Hearing Development. European Manual of Medicine, 2020, , 983-1086.	0.1	0
75	Clinical and Functional Results after Implantation of a Semi-implantable, Active, Transcutaneous Bone Conduction Hearing Device in Children and Adults. , 2020, 99, .		0
76	Active Middle Ear Implant Evoked Auditory Brainstem Response Intensity-Latency Characteristics. Frontiers in Neurology, 2021, 12, 739906.	1.1	0
77	The vestibular labyrinth is more robust than previously thought—Lessons from surgical removal of intracochlear schwannoma. Hno, 0, , .	0.4	0
78	Where do we come from? Where are we? Where are we going?. Hno, 0, , .	0.4	0