Christian Stephan Betz

List of Publications by Year
in descending order

86 papers	2,158 citations	236925 25 h-index	254184 43 g-index
93 all docs	93 docs citations	93 times ranked	2311 citing authors

#	Article	IF	Citations
1	Nasoseptal Flap for Skull Base Reconstruction in a Three-Year-Old Child With Nasofrontal Meningoencephalocele. Ear, Nose and Throat Journal, 2023, 102, NP149-NP153.	0.8	1
2	Tissue Microarray Analyses Suggest Axl as a Predictive Biomarker in HPV-Negative Head and Neck Cancer. Cancers, 2022, 14, 1829.	3.7	2
3	Rational surgical neck management in total laryngectomy for advanced stage laryngeal squamous cell carcinomas. Journal of Cancer Research and Clinical Oncology, 2021, 147, 549-559.	2.5	5
4	Optical coherence tomography for tissue classification of the larynx in an outpatient settingâ€a translational challenge on the verge of a resolution?. Translational Biophotonics, 2021, 3, e202000013.	2.7	1
5	Endoscopic endonasal repair of complete bilateral choanal atresia in neonates. European Journal of Pediatrics, 2021, 180, 2245-2251.	2.7	2
6	Analyzing tyrosine kinase activity in head and neck cancer by functional kinomics: Identification of hyperactivated Src family kinases as prognostic markers and potential targets. International Journal of Cancer, 2021, 149, 1166-1180.	5.1	10
7	Dual Inhibition of PARP and the Intra-S/G2 Cell Cycle Checkpoints Results in Highly Effective Radiosensitization of HPV-Positive HNSCC Cells. Frontiers in Oncology, 2021, 11, 683688.	2.8	13
8	Mepolizumab for chronic rhinosinusitis with nasal polyps (SYNAPSE): a randomised, double-blind, placebo-controlled, phase 3 trial. Lancet Respiratory Medicine,the, 2021, 9, 1141-1153.	10.7	263
9	ENT Residents Benefit from a Structured Operation Planning Approach in the Training of Functional Endoscopic Sinus Surgery. Medicina (Lithuania), 2021, 57, 1062.	2.0	3
10	Dual Parallel Reverse Attention Edge Network : DPRA-EdgeNet. Nordic Machine Intelligence, 2021, 1, 8-10.	0.4	1
11	Rationale and Design of the Hamburg City Health Study. European Journal of Epidemiology, 2020, 35, 169-181.	5.7	85
12	Comparative effectiveness trial of transoral head and neck surgery followed by adjuvant radio(chemo)therapy versus primary radiochemotherapy for oropharyngeal cancer (TopROC). BMC Cancer, 2020, 20, 701.	2.6	8
13	Authorâ€™s response to the letter of the editor regarding the â€œReview of surgical techniques and guide for decision making in the treatment of benign parotid tumorsâ€• European Archives of Oto-Rhino-Laryngology, 2020, 277, 3539-3540.	1.6	4
14	Phase III study of nivolumab alone or combined with ipilimumab as immunotherapy versusÂstandard of care in resectable head and neck squamous cell carcinoma. Future Oncology, 2020, 16, 3035-3043.	2.4	18
15	Implementation analysis of patient reported outcomes (PROs) in oncological routine care: an observational study protocol. Health and Quality of Life Outcomes, 2020, 18, 3.	2.4	11
16	Ni endoscopic classification for Storz Professional Image Enhancement System (SPIES) endoscopy in the detection of upper aerodigestive tract (UADT) tumours. Scientific Reports, 2020, 10, 6941.	3.3	15
17	Spatio-spectral deep learning methods for in-vivo hyperspectral laryngeal cancer detection. , 2020, , .		8
18	Differentiation of tumors of the upper respiratory tract using optical metabolic imaging. , 2020, , .		0

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19	Development of a Short Instrument for Measuring Health-Related Quality of Life in Oncological Patients for Clinical Use: Protocol for an Observational Study. JMIR Research Protocols, 2020, 9, e17854.	1.0	2
20	Fibroblast Growth Factor 23-Producing Phosphaturic Mesenchymal Tumor with Extraordinary Morphology Causing Oncogenic Osteomalacia. Medicina (Lithuania), 2020, 56, 34.	2.0	4
21	Use of an ultrasonic aspirator in transnasal surgery of tumorous lesions of the anterior skull base. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, 2019, 18, 100545.	0.3	2
22	Analyzing expression and phosphorylation of the EGF receptor in HNSCC. Scientific Reports, 2019, 9, 13564.	3.3	32
23	Light Up the Tissue and Brighten Your Patientsâ€™ Odds. Annals of Surgical Oncology, 2019, 26, 1184-1185.	1.5	0
24	Longâ€term Outcome for Open and Endoscopically Resected Sinonasal Tumors. Otolaryngology - Head and Neck Surgery, 2019, 160, 862-869.	1.9	26
25	Comparative effectiveness trial of transoral head and neck surgery followed by adjuvant radio(chemo)therapy versus primary radiochemotherapy for oropharyngeal cancer (TopROC).. Journal of Clinical Oncology, 2019, 37, TPS6093-TPS6093.	1.6	1
26	Multicenter randomized controlled phase III study of nivolumab alone or in combination with ipilimumab as immunotherapy vs standard follow-up in surgical resectable HNSCC after adjuvant therapy.. Journal of Clinical Oncology, 2019, 37, TPS6095-TPS6095.	1.6	2
27	Intracranial and intradural nasal polyposis after iatrogenic skull base defect: A case report. British Journal of Neurosurgery, 2017, 31, 379-381.	0.8	0
28	Confocal laser endomicroscopy in head and neck malignancies using FITCâ€labelled EpCAMâ€and EGFâ€Râ€antibodies in cell lines and tumor biopsies. Journal of Biophotonics, 2017, 10, 1365-1376.	2.3	10
29	Chip-on-the-tip ultra-compact flexible endoscopic epifluorescence video-microscope for in-vivo imaging in medical and biomedical fields. Proceedings of SPIE, 2017, , .	0.8	0
30	Evaluation of the combined use of narrow band imaging and highâ€speed imaging to discriminate laryngeal lesions. Lasers in Surgery and Medicine, 2017, 49, 609-618.	2.1	16
31	Intraoperative assessment of laryngeal pathologies with optical coherence tomography integrated into a surgical microscope. Lasers in Surgery and Medicine, 2017, 49, 490-497.	2.1	14
32	Preclinical study investigating the potential of low-dose-rate brachytherapy with 32P stents for the prevention of restenosis of paranasal neo-ostia. Brachytherapy, 2017, 16, 207-214.	0.5	5
33	Impact of comorbidity and anemia in patients with oropharyngeal cancer primarily treated with surgery in the human papillomavirus era. Head and Neck, 2017, 39, 7-16.	2.0	22
34	Chip-on-the-tip compact flexible endoscopic epifluorescence video-microscope for in-vivo imaging in medicine and biomedical research. Biomedical Optics Express, 2017, 8, 3329.	2.9	21
35	Photodynamic therapy in the upper aerodigestive tract. Overview and outlook. Journal of Biophotonics, 2016, 9, 1302-1313.	2.3	7
36	Imaging of the internal nasal valve using longâ€range <scp>F</scp>ourier domain optical coherence tomography. Laryngoscope, 2016, 126, E97-E102.	2.0	8

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37	Evaluation of confocal laser endomicroscopy as an aid to differentiate primary flat lesions of the larynx: A prospective clinical study. Head and Neck, 2016, 38, E1695-704.	2.0	13
38	Endotracheal Tube Electrodes to Assess Vocal Cord Motor Function During Surgery in the Cerebellopontine Angle. Neurosurgery, 2015, 77, 471-478.	1.1	3
39	A Noninvasive Procedure for Early-Stage Discrimination of Malignant and Precancerous Vocal Fold Lesions Based on Laryngeal Dynamics Analysis. Cancer Research, 2015, 75, 31-39.	0.9	46
40	Diode laserâ€induced tissue effects: In vitro tissue model study and in vivo evaluation of wound healing following nonâ€contact application. Lasers in Surgery and Medicine, 2014, 46, 449-455.	2.1	12
41	Surgically treated oropharyngeal cancer: risk factors and tumor characteristics. Journal of Cancer Research and Clinical Oncology, 2014, 140, 1011-1019.	2.5	16
42	Photodynamic therapy for cholangiocarcinoma using low dose mTHPC (FoscanÂ®). Photodiagnosis and Photodynamic Therapy, 2013, 10, 220-228.	2.6	28
43	Endoscopic assessment of free flap perfusion in the upper aerodigestive tract using indocyanine green: AÂpilot study. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2013, 66, 667-674.	1.0	13
44	Probe-based confocal laser endomicroscopy in head and neck malignancies: early preclinical experience. , 2013, , .		0
45	Confocal laser endomicroscopy in head and neck cancer. Current Opinion in Otolaryngology and Head and Neck Surgery, 2013, 21, 164-170.	1.8	19
46	Evaluation of optical coherence tomography to discriminate lesions of the upper aerodigestive tract. Head and Neck, 2013, 35, 1558-1566.	2.0	31
47	Low dose mTHPC photodynamic therapy for cholangiocarcinoma. Proceedings of SPIE, 2013, , .	0.8	2
48	Controlled feasibility trial comparing the use of 1470nm and 940nm diode laser for the treatment of hyperplastic inferior nasal turbinates. , 2012, , .		1
49	Functional endoscopic surgery of paranasal fungus ball: clinical outcome, patient benefit and health-related quality of life. European Archives of Oto-Rhino-Laryngology, 2012, 269, 2203-2208.	1.6	23
50	Perioperative management of antithrombotic medication in head and neck reconstructionâ€”a retrospective analysis of 137 patients. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2012, 33, 693-696.	1.3	26
51	Intraindividual comparison of 1,470â€‰nm diode laser versus carbon dioxide laser for tonsillotomy: A prospective, randomized, double blind, controlled feasibility trial. Lasers in Surgery and Medicine, 2012, 44, 558-563.	2.1	22
52	Longâ€term outcomes following foscanÂ®â€PDT of basal cell carcinomas. Lasers in Surgery and Medicine, 2012, 44, 533-540.	2.1	18
53	Measurement of epithelial thickness within the oral cavity using optical coherence tomography. Head and Neck, 2012, 34, 1777-1781.	2.0	69
54	Transketolase-like protein 1 confers resistance to serum withdrawal in vitro. Cancer Letters, 2011, 300, 20-29.	7.2	14

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55	Surgical management of osteomas of the frontal recess and sinus: extending the limits of the endoscopic approach. European Archives of Oto-Rhino-Laryngology, 2011, 268, 525-532.	1.6	45
56	A doubleâ€blind, randomized, intraâ€individual controlled feasibility trial comparing the use of 1,470 and 940â€‰nm diode laser for the treatment of hyperplastic inferior nasal turbinates. Lasers in Surgery and Medicine, 2011, 43, 881-886.	2.1	22
57	Value of fluorescence endoscopy for the early diagnosis of laryngeal cancer and its precursor lesions. Head and Neck, 2011, 33, 941-948.	2.0	44
58	Endoscopic ICG perfusion imaging for flap transplants: technical development. , 2010, , .		0
59	In vitro examination of suspicious oral lesions using optical coherence tomography. British Journal of Oral and Maxillofacial Surgery, 2010, 48, 18-25.	0.8	78
60	A fluorescence diagnostic system detecting cancer-specific enzymatic activities: preliminary results. , 2009, , .		0
61	Control of bleeding following functional endoscopic sinus surgery using carboxy-methylated cellulose packing. European Archives of Oto-Rhino-Laryngology, 2009, 266, 1239-1243.	1.6	44
62	Head & neck optical diagnostics: vision of the future of surgery. Head & Neck Oncology, 2009, 1, 25.	2.3	32
63	Functional endoscopic sinus surgeryâ€”A retrospective analysis of 115 children and adolescents with chronic rhinosinusitis. International Journal of Pediatric Otorhinolaryngology, 2009, 73, 741-745.	1.0	45
64	Efficacy of low-dose mTHPC-PDT for the treatment of basal cell carcinomas. Proceedings of SPIE, 2009, , .	0.8	1
65	Effect of Carboxymethylcellulose Nasal Packing on Wound Healing after Functional Endoscopic Sinus Surgery. American Journal of Rhinology and Allergy, 2009, 23, 80-84.	2.0	59
66	Laser induced fragmentation of salivary stones: An in vitro comparison of two different, clinically approved laser systems. Lasers in Surgery and Medicine, 2008, 40, 257-264.	2.1	17
67	Optimization of treatment parameters for FoscanÂ®â€PDT of basal cell carcinomas. Lasers in Surgery and Medicine, 2008, 40, 300-311.	2.1	38
68	Transmission of LED-light through optical fibers for optical tissue diagnostics. , 2008, , .		1
69	Multiple fluorophore-analysis (MFA) for qualitative tissue diagnosis in the oral cavity. Proceedings of SPIE, 2007, , .	0.8	1
70	Comparison of long term results after Ho:YAG and diode laser treatment of hyperplastic inferior nasal turbinates. Lasers in Surgery and Medicine, 2007, 39, 324-331.	2.1	54
71	Interstitial photodynamic therapy for a symptomâ€targeted treatment of complex vascular malformations in the head and neck region. Lasers in Surgery and Medicine, 2007, 39, 571-582.	2.1	29
72	Complications of acute frontal sinusitis: a retrospective study. European Archives of Oto-Rhino-Laryngology, 2007, 265, 63-72.	1.6	30

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73	Preliminary Report Of Endolaryngeal And Endotracheal Laser Surgery Of Juvenile-Onset Recurrent Respiratory Papillomatosis By Nd:Yag Laser and a New Fiber Guidance Instrument. Otolaryngology - Head and Neck Surgery, 2004, 131, 44-49.	1.9	20
74	Comparison of thermal tissue effects induced by contact application of fiber guided laser systems. Lasers in Surgery and Medicine, 2003, 33, 93-101.	2.1	83
75	In vitro photodynamic therapy of nasopharyngeal carcinoma using 5-aminolevulinic acid. Photochemical and Photobiological Sciences, 2002, 1, 315-319.	2.9	30
76	Comparison of laser induced effects on hyperplastic inferior nasal turbinates by means of scanning electron microscopy. Lasers in Surgery and Medicine, 2002, 30, 31-39.	2.1	47
77	A comparative study of normal inspection, autofluorescence and 5-ALA-induced PPIX fluorescence for oral cancer diagnosis. International Journal of Cancer, 2002, 97, 245-252.	5.1	140
78	Association Between High Initial Tissue Levels of Cyclin D1 and Recurrence of Nasopharyngeal Carcinoma. Laryngoscope, 2002, 112, 402-408.	2.0	24
79	<title>Microinvasive laser surgery for laryngeal carcinoma</title>. , 2001, , .		0
80	Fluorescence staining of oral cancer using a topical application of 5-aminolevulinic acid: fluorescence microscopic studies. Journal of Photochemistry and Photobiology B: Biology, 2001, 60, 44-49.	3.8	60
81	Microinvasive Nd:YAG Laser Therapy of Early Glottic Carcinoma and Its Effect on Soluble Interleukin-2 Receptor, Interleukin-2, and Natural Killer Cells. Laryngoscope, 2001, 111, 1585-1588.	2.0	9
82	Detection of Squamous Cell Carcinoma of the Oral Cavity by Imaging 5-Aminolevulinic Acid-Induced Protoporphyrin IX Fluorescence. Laryngoscope, 2000, 110, 78-83.	2.0	111
83	A Pilot Series Demonstrating Fluorescence Staining of Laryngeal Papilloma Using 5-Aminolevulinic Acid. Laryngoscope, 2000, 110, 1783-1785.	2.0	9
84	Initial experience in the treatment of oral leukoplakia with high-dose vitamin A and follow-up 5-aminolevulinic acid induced protoporphyrin IX fluorescence. European Archives of Oto-Rhino-Laryngology, 2000, 257, 327-331.	1.6	22
85	Fluorescence staining of laryngeal neoplasms after topical application of 5-aminolevulinic acid: Preliminary results. , 1999, 25, 414-420.		43
86	<title>New developments in fluorescence detection of ALA-induced protoporphyrin IX for cancer localization</title>. , 1997, 3197, 68.		7