

Brian J-F Wong

List of Publications by Year in descending order

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Version: 2024-02-01

186
papers

3,424
citations

136740

32
h-index

233125

45
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190
all docs

190
docs citations

190
times ranked

2244
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential-Driven Electrochemical Clearing of Ex Vivo Alkaline Corneal Injuries. <i>Translational Vision Science and Technology</i> , 2022, 11, 32.	1.1	1
2	Preparing for a Paradigm Shift in Medical Conference Development and Implementation. <i>Facial Plastic Surgery and Aesthetic Medicine</i> , 2022, , .	0.5	1
3	Validation of spectrally encoded interferometric microscopy (SEIM) in finding ciliary beat frequency of human ex vivo upper airway tissue. , 2022, , .		0
4	Development and Assessment of an Inexpensive Smartphone-Based Respiratory Droplet Simulation Model. <i>Surgical Innovation</i> , 2022, 29, 278-281.	0.4	1
5	Intraoperative use of optical coherence tomography to differentiate normal and diseased thyroid and parathyroid tissues from lymph node and fat. <i>Lasers in Medical Science</i> , 2021, 36, 269-278.	1.0	5
6	Electrosurgery Turbinate Reduction Revisited: Can Comparable Volumetric Heating be Achieved Without Feedback Control?. <i>Lasers in Surgery and Medicine</i> , 2021, 53, 370-376.	1.1	0
7	Evaluating Open Source Software for 3D Imaging and Morphing in Cosmetic and Reconstructive Surgery. <i>Laryngoscope</i> , 2021, 131, 299-303.	1.1	1
8	Coupling Pressure Sensing with Optical Coherence Tomography to Evaluate the Internal Nasal Valve. <i>Annals of Otology, Rhinology and Laryngology</i> , 2021, 130, 167-172.	0.6	1
9	The Potential for Telemedicine to Reduce Bias in Patients Seeking Facial Plastic Surgery. <i>Otolaryngology - Head and Neck Surgery</i> , 2021, 164, 909-910.	1.1	5
10	Assessing the Safety of Topical Epinephrine in Open Rhinoplasty. <i>Facial Plastic Surgery and Aesthetic Medicine</i> , 2021, 23, 73-74.	0.5	1
11	Electrochemical treatment of ex vivo human abdominal skin and potential use in scar management: A pilot study. <i>Scars, Burns & Healing</i> , 2021, 7, 205951312098853.	0.6	2
12	Development of a Cost-Effective Surgical Headlight Using Consumer Light Emitting Diode Lighting and 3D Printing. <i>Surgical Innovation</i> , 2021, 28, 776-779.	0.4	1
13	Electrochemical Therapy of In Vivo Rabbit Cutaneous Tissue. <i>Laryngoscope</i> , 2021, 131, E2196-E2203.	1.1	1
14	Evaluation of a High-Definition Intraoperative Exoscope in Rhinoplasty Education and Workflow. <i>Facial Plastic Surgery and Aesthetic Medicine</i> , 2021, 23, 144-145.	0.5	2
15	Failed Absorption of Nasal Polylactic Acid Implants (Latera). <i>Facial Plastic Surgery and Aesthetic Medicine</i> , 2021, , .	0.5	0
16	Exploring feedback-controlled versus open-circuit electrochemical lipolysis in ex vivo and in vivo porcine fat: A feasibility study. <i>Lasers in Surgery and Medicine</i> , 2021, , .	1.1	1
17	Surface kinematic and depth-resolved analysis of human vocal folds in vivo during phonation using optical coherence tomography. <i>Journal of Biomedical Optics</i> , 2021, 26, .	1.4	6
18	The Effect of a Consumer Nose Reshaper on Nasal Tip Projection and the Perceived Attractiveness of Asian Females. <i>Facial Plastic Surgery and Aesthetic Medicine</i> , 2021, 23, 314-315.	0.5	2

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19	The Transition to Online Rhinoplasty Education Amid COVID-19: Surgeon Perspectives and Areas of Improvement. <i>Facial Plastic Surgery and Aesthetic Medicine</i> , 2021, , .	0.5	2
20	Multiphoton Microscopy of Collagen Structure in Ex Vivo Human Skin Following Electrochemical Therapy. <i>Lasers in Surgery and Medicine</i> , 2020, 52, 196-206.	1.1	10
21	Objective measures and the standardized letter of recommendation in the otolaryngology residency match. <i>Laryngoscope</i> , 2020, 130, 603-608.	1.1	18
22	A Novel Inexpensive Design for High Definition Intraoperative Videography. <i>Surgical Innovation</i> , 2020, 27, 699-701.	0.4	4
23	Electrochemical degradation and saponification of porcine adipose tissue. <i>Scientific Reports</i> , 2020, 10, 20745.	1.6	5
24	Response to Atilikoyar re: "Video Standards for Rhinoplasty Education: A Review and Recommended Guidelines". <i>Facial Plastic Surgery and Aesthetic Medicine</i> , 2020, 22, 399-400.	0.5	1
25	Experiential Learning in Project-Based Quality Improvement Education: Questioning Assumptions and Identifying Future Directions. <i>Academic Medicine</i> , 2020, 95, 1745-1754.	0.8	17
26	Electrochemolipolysis of Human Adipose Tissue. <i>Facial Plastic Surgery and Aesthetic Medicine</i> , 2020, 22, 86-92.	0.5	8
27	The biophysical effects of localized electrochemical therapy on porcine skin. <i>Journal of Dermatological Science</i> , 2020, 97, 179-186.	1.0	9
28	Video Standards for Rhinoplasty Education: A Review and Recommended Guidelines. <i>Facial Plastic Surgery and Aesthetic Medicine</i> , 2020, 22, 219-224.	0.5	8
29	Effects of electromechanical reshaping on mechanical behavior of exvivo bovine tendon. <i>Clinical Biomechanics</i> , 2020, 73, 92-100.	0.5	5
30	Telelecture Educational Series in Facial Plastic and Reconstructive Surgery. <i>Facial Plastic Surgery</i> , 2020, 36, 211-214.	0.5	5
31	Smoke Evacuator Use with Ultra-Low Particulate Air Filtration in Rhinoplasty and Sinus Surgery. <i>Facial Plastic Surgery and Aesthetic Medicine</i> , 2020, 22, 404-405.	0.5	1
32	Cartilage Reshaping. , 2020, , 153-174.		0
33	Categorization and Analysis of Nasal Base Shapes Using a Parametric Model. <i>JAMA Facial Plastic Surgery</i> , 2019, 21, 440-445.	2.2	5
34	Toward tissue-engineering of nasal cartilages. <i>Acta Biomaterialia</i> , 2019, 88, 42-56.	4.1	43
35	Association Between the Thickness, Width, Initial Curvature, and Graft Origin of Costal Cartilage and Its Warping Characteristics. <i>JAMA Facial Plastic Surgery</i> , 2019, 21, 262-263.	2.2	3
36	Evaluation of Safety and Efficacy for an Intranasal Airway Device in Nasal Surgery. <i>JAMA Facial Plastic Surgery</i> , 2019, 21, 38-43.	2.2	0

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37	Development and evaluation of rhinoplasty spreader graft suture simulator for novice surgeons. <i>Laryngoscope</i> , 2019, 129, 344-350.	1.1	11
38	Validation of a septoplasty deformity grading system for the evaluation of nasal obstruction. <i>Laryngoscope</i> , 2019, 129, 586-593.	1.1	2
39	High-definition point-of-view intraoperative recording using a smartphone: A hands-free approach. <i>Laryngoscope</i> , 2019, 129, 578-581.	1.1	7
40	Computational analysis of six optical coherence tomography systems for vocal fold imaging: A comparison study. <i>Lasers in Surgery and Medicine</i> , 2019, 51, 412-422.	1.1	1
41	Dynamic programming and automated segmentation of optical coherence tomography images of the neonatal subglottis: enabling efficient diagnostics to manage subglottic stenosis. <i>Journal of Biomedical Optics</i> , 2019, 24, 1.	1.4	8
42	Grafting Techniques in Primary and Revision Rhinoplasty. <i>Facial Plastic Surgery Clinics of North America</i> , 2018, 26, 205-223.	0.9	6
43	Quantitative Analysis and Classification of the Nasal Base Using a Parametric Model. <i>JAMA Facial Plastic Surgery</i> , 2018, 20, 160-165.	2.2	7
44	In vivo imaging of the internal nasal valve during different conditions using optical coherence tomography. <i>Laryngoscope</i> , 2018, 128, E105-E110.	1.1	8
45	Association of Frontal and Lateral Facial Attractiveness. <i>JAMA Facial Plastic Surgery</i> , 2018, 20, 19-23.	2.2	5
46	Analysis of the Trend Toward Fuller Lips Among Fashion Models. <i>JAMA Facial Plastic Surgery</i> , 2017, 19, 335-336.	2.2	3
47	Novel Method for Obtaining Intraoperative Digital Video. <i>Facial Plastic Surgery</i> , 2017, 33, 114-115.	0.5	4
48	A Quantitative Approach to Determining the Ideal Female Lip Aesthetic and Its Effect on Facial Attractiveness. <i>JAMA Facial Plastic Surgery</i> , 2017, 19, 261-267.	2.2	57
49	Anatomy and Surgical Approaches to the Rabbit Nasal Septum. <i>JAMA Facial Plastic Surgery</i> , 2017, 19, 386-391.	2.2	12
50	The Myth of the Internal Nasal Valve. <i>JAMA Facial Plastic Surgery</i> , 2017, 19, 253-254.	2.2	18
51	Visualization and Detection of Ciliary Beating Pattern and Frequency in the Upper Airway using Phase Resolved Doppler Optical Coherence Tomography. <i>Scientific Reports</i> , 2017, 7, 8522.	1.6	29
52	Association of Electrochemical Therapy With Optical, Mechanical, and Acoustic Impedance Properties of Porcine Skin. <i>JAMA Facial Plastic Surgery</i> , 2017, 19, 502-509.	2.2	13
53	Diagnosis of subglottic stenosis in a rabbit model using long-range optical coherence tomography. <i>Laryngoscope</i> , 2017, 127, 64-69.	1.1	8
54	Finite Element Model and Validation of Nasal Tip Deformation. <i>Annals of Biomedical Engineering</i> , 2017, 45, 829-838.	1.3	12

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55	Unique Clinical Aspects of Nasal Scarring. Facial Plastic Surgery Clinics of North America, 2017, 25, 45-54.	0.9	1
56	Lateral Crural Tensioning for Refinement of the Nasal Tip and Increasing Alar Stability: A Case Series. Facial Plastic Surgery, 2017, 33, 316-323.	0.5	6
57	Face masks and basketball: <sc>NCAA</sc> division <sc>I</sc> consumer trends and a review of over-the-counter face masks. Laryngoscope, 2016, 126, 1054-1060.	1.1	16
58	Controlledâ€Potential Electromechanical Reshaping of Cartilage. Angewandte Chemie - International Edition, 2016, 55, 5497-5500.	7.2	14
59	In vivo cross-sectional imaging of the phonating larynx using long-range Doppler optical coherence tomography. Scientific Reports, 2016, 6, 22792.	1.6	24
60	Anatomically correct visualization of the human upper airway using a high-speed long range optical coherence tomography system with an integrated positioning sensor. Scientific Reports, 2016, 6, 39443.	1.6	23
61	A Lowâ€Cost Method of Ciliary Beat Frequency Measurement Using iPhone and MATLAB. Otolaryngology - Head and Neck Surgery, 2016, 155, 252-256.	1.1	13
62	Measurement of ciliary beat frequency using ultra-high resolution optical coherence tomography. Proceedings of SPIE, 2016, , .	0.8	0
63	Optimal Electromechanical Reshaping of the Auricular Ear and Long-term Outcomes in an In Vivo Rabbit Model. JAMA Facial Plastic Surgery, 2016, 18, 277-284.	2.2	13
64	Estimation of Nasal Tip Support Using Computer-Aided Design and 3-Dimensional Printed Models. JAMA Facial Plastic Surgery, 2016, 18, 285-291.	2.2	11
65	Quantitative Evaluation of Adult Subglottic Stenosis Using Intraoperative Long-range Optical Coherence Tomography. Annals of Otology, Rhinology and Laryngology, 2016, 125, 815-822.	0.6	13
66	Reforming the Match Processâ€Early Decision Plans and the Case for a Consortia Match. JAMA Otolaryngology - Head and Neck Surgery, 2016, 142, 727.	1.2	16
67	Controlledâ€Potential Electromechanical Reshaping of Cartilage. Angewandte Chemie, 2016, 128, 5587-5590.	1.6	2
68	A Comparison of Over-the-Counter Mechanical Nasal Dilators. JAMA Facial Plastic Surgery, 2016, 18, 385-389.	2.2	20
69	Quantifying Optimal Columellar Strut Dimensions for Nasal Tip Stabilization After Rhinoplasty via Finite Element Analysis. JAMA Facial Plastic Surgery, 2016, 18, 194-200.	2.2	18
70	Modular Component Assembly Approach to Microtia Reconstruction. JAMA Facial Plastic Surgery, 2016, 18, 120-127.	2.2	6
71	A Finite Element Model to Simulate Formation of the Inverted-V Deformity. JAMA Facial Plastic Surgery, 2016, 18, 136-143.	2.2	11
72	Optical Coherence Tomography of the Larynx: Normative Anatomy and Benign Processes. , 2016, , 573-588.		1

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73	Measurement of ciliary beat frequency using Doppler optical coherence tomography. International Forum of Allergy and Rhinology, 2015, 5, 1048-1054.	1.5	12
74	Electromechanical reshaping of ex vivo porcine trachea. Laryngoscope, 2015, 125, 1628-1632.	1.1	17
75	Model to Estimate Threshold Mechanical Stability of Lower Lateral Cartilage. JAMA Facial Plastic Surgery, 2015, 17, 245-250.	2.2	5
76	Spatiotemporal correlation of optical coherence tomography in vivo images of rabbit airway for the diagnosis of edema. Journal of Biomedical Optics, 2015, 20, 076015.	1.4	1
77	Rethinking nasal tip support: A finite element analysis. Laryngoscope, 2015, 125, 326-330.	1.1	28
78	Long-range Fourier domain optical coherence tomography of the pediatric subglottis. International Journal of Pediatric Otorhinolaryngology, 2015, 79, 119-126.	0.4	30
79	Long-Range Optical Coherence Tomography of the Neonatal Upper Airway for Early Diagnosis of Intubation-related Subglottic Injury. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 1504-1513.	2.5	28
80	Morphometric facial analysis: a methodology to create lateral facial images. Oral and Maxillofacial Surgery, 2015, 19, 403-410.	0.6	2
81	Monte Carlo modeling of light propagation in the human head for applications in sinus imaging. Journal of Biomedical Optics, 2015, 20, 035004.	1.4	4
82	Long-term in vivo electromechanical reshaping for auricular reconstruction in the New Zealand white rabbit model. Laryngoscope, 2015, 125, 2058-2066.	1.1	12
83	Handheld-Level Electromechanical Cartilage Reshaping Device. Facial Plastic Surgery, 2015, 31, 295-300.	0.5	7
84	Finite Element Model Analysis of Cephalic Trim on Nasal Tip Stability. JAMA Facial Plastic Surgery, 2015, 17, 413-420.	2.2	18
85	Intraoperative long range optical coherence tomography as a novel method of imaging the pediatric upper airway before and after adenotonsillectomy. International Journal of Pediatric Otorhinolaryngology, 2015, 79, 63-70.	0.4	17
86	In-depth analysis of pH-dependent mechanisms of electromechanical reshaping of rabbit nasal septal cartilage. Laryngoscope, 2014, 124, E405-10.	1.1	13
87	Preclinical investigations of articular cartilage ablation with femtosecond and pulsed infrared lasers as an alternative to microfracture surgery. Journal of Biomedical Optics, 2014, 19, 098001.	1.4	14
88	Use of Copolymer Polylactic and Polyglycolic Acid Resorbable Plates in Repair of Orbital Floor Fractures. Facial Plastic Surgery, 2014, 30, 581-586.	0.5	9
89	Analyzing Nasal Septal Deviations to Develop a New Classification System. JAMA Facial Plastic Surgery, 2014, 16, 183-187.	2.2	28
90	In Vivo Needle-Based Electromechanical Reshaping of Pinnae. JAMA Facial Plastic Surgery, 2014, 16, 245-252.	2.2	21

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91	Mid-Infrared Laser Orbital Septal Tightening. JAMA Facial Plastic Surgery, 2014, 16, 425-431.	2.2	6
92	Nasal tip support: A finite element analysis of the role of the caudal septum during tip depression. Laryngoscope, 2014, 124, 649-654.	1.1	34
93	The Rabbit Costal Cartilage Reconstructive Surgical Model. Facial Plastic Surgery, 2014, 30, 076-080.	0.5	7
94	Calcium hydroxylapatite associated soft tissue necrosis: A case report and treatment guideline. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2014, 67, 564-568.	0.5	37
95	Biomechanical Properties of Facial Cartilage Grafts. , 2013, , 533-541.		3
96	Ex vivo investigations of laser auricular cartilage reshaping with carbon dioxide spray cooling in a rabbit model. Lasers in Medical Science, 2013, 28, 1475-1482.	1.0	6
97	Mechanical analysis of cartilage graft reinforced with PDS plate. Laryngoscope, 2013, 123, 339-343.	1.1	14
98	In Vivo Electromechanical Reshaping of Ear Cartilage in a Rabbit Model. JAMA Facial Plastic Surgery, 2013, 15, 34.	2.2	21
99	Analysis of Cartilage-Polydioxanone Foil Composite Grafts. Facial Plastic Surgery, 2013, 29, 502-505.	0.5	10
100	The academic impact of the triological society theses-Mosher and fowler awards: Citations, impact factor, and h-index. Laryngoscope, 2013, 123, 2654-2657.	1.1	2
101	Ex Vivo Electromechanical Reshaping of Costal Cartilage in the New Zealand White Rabbit Model. Laryngoscope, 2013, 123, 1143-1148.	1.1	19
102	Medical Makeup for Concealing Facial Scars. Facial Plastic Surgery, 2012, 28, 536-540.	0.5	9
103	Laser Treatment of Scars. Facial Plastic Surgery, 2012, 28, 518-524.	0.5	30
104	High-speed upper-airway imaging using full-range optical coherence tomography. Journal of Biomedical Optics, 2012, 17, 110507.	1.4	63
105	The Virtual Focus Group. Plastic and Reconstructive Surgery, 2012, 130, 455e-461e.	0.7	14
106	Mechanical properties of porcine cartilage after uniform RF heating. Lasers in Surgery and Medicine, 2012, 44, 572-579.	1.1	11
107	Mechanical Analysis of the Effects of Cephalic Trim on Lower Lateral Cartilage Stability. Archives of Facial Plastic Surgery, 2012, 14, 27-30.	0.8	11
108	Imaging vibrating vocal folds with a high speed 1050 nm swept source OCT and ODT. Optics Express, 2011, 19, 11880.	1.7	34

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109	Practical Device for Precise Cutting of Costal Cartilage Grafts to Uniform Thickness. Archives of Facial Plastic Surgery, 2011, 13, 259.	0.8	13
110	Needle-Electrode-Based Electromechanical Reshaping of Rabbit Septal Cartilage: A Systematic Evaluation. IEEE Transactions on Biomedical Engineering, 2011, 58, 2378-2383.	2.5	45
111	Survival of Chondrocytes in Rabbit Septal Cartilage After Electromechanical Reshaping. Annals of Biomedical Engineering, 2011, 39, 66-74.	1.3	28
112	Nasal tip projection and facial attractiveness. Laryngoscope, 2011, 121, 1388-1394.	1.1	26
113	Electromechanical reshaping of costal cartilage grafts: A new surgical treatment modality. Laryngoscope, 2011, 121, 1839-1842.	1.1	23
114	Changes in the Tangent Modulus of Rabbit Septal and Auricular Cartilage Following Electromechanical Reshaping. Journal of Biomechanical Engineering, 2011, 133, 094502.	0.6	20
115	Optical Coherence Tomography of Cholesteatoma. Otolaryngology and Neurotology, 2010, 31, 932-935.	0.7	28
116	Needle Electrode-Based Electromechanical Reshaping of Cartilage. Annals of Biomedical Engineering, 2010, 38, 3389-3397.	1.3	40
117	A web-based method for rating facial attractiveness. Laryngoscope, 2010, 120, 902-906.	1.1	15
118	Model for estimating the threshold mechanical stability of structural cartilage grafts used in rhinoplasty. Laryngoscope, 2010, 120, 1089-1093.	1.1	15
119	Electromechanical reshaping of septal cartilage. Laryngoscope, 2010, 113, 1916-1921.	1.1	38
120	Numerical analysis of costal cartilage warping after laser modification. Proceedings of SPIE, 2010, , .	0.8	0
121	Chondrocyte Viability in Human Nasal Septum After Morselization. Archives of Facial Plastic Surgery, 2010, 12, 204-6.	0.8	11
122	Stabilization of Costal Cartilage Graft Warping Using Infrared Laser Irradiation in a Porcine Model. Archives of Facial Plastic Surgery, 2010, 12, 405-11.	0.8	26
123	Chondrocyte Viability in Human Nasal Septum After Morselization. Archives of Facial Plastic Surgery, 2010, 12, 204-206.	0.8	3
124	Stabilization of Costal Cartilage Graft Warping Using Infrared Laser Irradiation in a Porcine Model. Archives of Facial Plastic Surgery, 2010, 12, 405-411.	0.8	6
125	Optical coherence tomography of the larynx using the Niris system. Journal of Otolaryngology - Head and Neck Surgery, 2010, 39, 150-6.	0.9	7
126	Office-based dynamic imaging of vocal cords in awake patients with swept-source optical coherence tomography. Journal of Biomedical Optics, 2009, 14, 064020.	1.4	33

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127	Gradient-index lens rod based probe for office-based optical coherence tomography of the human larynx. <i>Journal of Biomedical Optics</i> , 2009, 14, 1.	1.4	20
128	The effects of laser irradiation of cartilage on chondrocyte gene expression and the collagen matrix. <i>Lasers in Surgery and Medicine</i> , 2009, 41, 487-491.	1.1	23
129	Minimally Invasive Ear Reshaping With a 1450-nm Diode Laser Using Cryogen Spray Cooling in New Zealand White Rabbits. <i>Archives of Facial Plastic Surgery</i> , 2009, 11, 399-404.	0.8	22
130	Electromechanical reshaping of rabbit septal cartilage: a six needle electrode geometric configuration. <i>Proceedings of SPIE</i> , 2009, , .	0.8	3
131	Minimally Invasive Ear Reshaping With a 1450-nm Diode Laser Using Cryogen Spray Cooling in New Zealand White Rabbits. <i>Archives of Facial Plastic Surgery</i> , 2009, 11, 399-404.	0.8	7
132	Temperature dependent change in equilibrium elastic modulus after thermally induced stress relaxation in porcine septal cartilage. <i>Lasers in Surgery and Medicine</i> , 2008, 40, 202-210.	1.1	30
133	Minimizing superficial thermal injury using bilateral cryogen spray cooling during laser reshaping of composite cartilage grafts. <i>Lasers in Surgery and Medicine</i> , 2008, 40, 477-482.	1.1	13
134	Viability of human septal cartilage after 1.45 Åµm diode laser irradiation. <i>Lasers in Surgery and Medicine</i> , 2008, 40, 562-569.	1.1	20
135	Thermoforming of tracheal cartilage: Viability, shape change, and mechanical behavior. <i>Lasers in Surgery and Medicine</i> , 2008, 40, 550-561.	1.1	19
136	Evolving Attractive Faces Using Morphing Technology and a Genetic Algorithm: A New Approach to Determining Ideal Facial Aesthetics. <i>Laryngoscope</i> , 2008, 118, 962-974.	1.1	22
137	Human Nasal Cartilage Ultrastructure: Characteristics and Comparison Using Scanning Electron Microscopy. <i>Laryngoscope</i> , 2008, 118, 1153-1156.	1.1	22
138	Optical Coherence Tomography of the Cochlea in the Porcine Model. <i>Laryngoscope</i> , 2008, 118, 1449-1451.	1.1	38
139	Optical coherence tomography of the larynx in the awake patient. <i>Otolaryngology - Head and Neck Surgery</i> , 2008, 138, 425-429.	1.1	32
140	Optical Coherence Tomographyâ€”Enhanced Microlaryngoscopy: Preliminary Report of a Noncontact Optical Coherence Tomography System Integrated with a Surgical Microscope. <i>Annals of Otolaryngology and Rhinology and Laryngology</i> , 2008, 117, 538-547.	0.6	34
141	Lasers and Optical Technologies in Facial Plastic Surgery. <i>Archives of Facial Plastic Surgery</i> , 2008, 10, 381-390.	0.8	13
142	Imaging the Human Tympanic Membrane Using Optical Coherence Tomography In Vivo. <i>Otology and Neurotology</i> , 2008, 29, 1091-1094.	0.7	65
143	Optical coherence tomography of the newborn airway. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2008, 117, 327-34.	0.6	35
144	Engineering of a Straighter Septum: Numerical Model of Mechanical Stress Relaxation in Laser-Heated Septal Cartilage. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 5399-402.	0.5	6

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145	Simulation of laser induced thermo-mechanical changes in tissue using RF heating method. , 2007, , .		2
146	Laser-assisted straightening of deformed cartilage: Numerical model. Lasers in Surgery and Medicine, 2007, 39, 245-255.	1.1	17
147	Analysis of Nd:YAG laser-mediated thermal damage in rabbit nasal septal cartilage. Lasers in Surgery and Medicine, 2007, 39, 451-457.	1.1	30
148	Imaging of the Pediatric Airway Using Optical Coherence Tomography. Laryngoscope, 2007, 117, 2206-2212.	1.1	45
149	Noninvasive Measurement of Ablation Crater Size and Thermal Injury after CO2 Laser in the Vocal Cord with Optical Coherence Tomography. Otolaryngology - Head and Neck Surgery, 2006, 134, 86-91.	1.1	28
150	In Vivo Optical Coherence Tomography of the Nasal Mucosa. American Journal of Rhinology & Allergy, 2006, 20, 155-159.	2.3	31
151	Long-term Viability and Mechanical Behavior Following Laser Cartilage Reshaping. Archives of Facial Plastic Surgery, 2006, 8, 105-116.	0.8	34
152	Optical Coherence Tomography of Laryngeal Cancer. Laryngoscope, 2006, 116, 1107-1113.	1.1	93
153	Stress Relaxation in Porcine Septal Cartilage During Electromechanical Reshaping: Mechanical and Electrical Responses. Annals of Biomedical Engineering, 2006, 34, 455-464.	1.3	41
154	Correction of ear malformations by laser-assisted cartilage reshaping (LACR). Lasers in Surgery and Medicine, 2006, 38, 658-658.	1.1	0
155	Office-based optical coherence tomographic imaging of human vocal cords. Journal of Biomedical Optics, 2006, 11, 030501.	1.4	35
156	In Vivo Optical Coherence Tomography of the Human Oral Cavity and Oropharynx. JAMA Otolaryngology, 2006, 132, 1074.	1.5	107
157	In vivo optical coherence tomography of the nasal mucosa. American Journal of Rhinology & Allergy, 2006, 20, 155-9.	2.3	15
158	Characterization of Submucosal Lesions Using Optical Coherence Tomography in the Rabbit Subglottis. JAMA Otolaryngology, 2005, 131, 499.	1.5	16
159	In Vivo Optical Coherence Tomography of the Human Larynx: Normative and Benign Pathology in 82 Patients. Laryngoscope, 2005, 115, 1904-1911.	1.1	126
160	Long-term in vivo stability of rabbit nasal septal cartilage following laser cartilage reshaping: A pilot investigation. Lasers in Surgery and Medicine, 2005, 36, 147-154.	1.1	19
161	Identification of chondrocyte proliferation following laser irradiation, thermal injury, and mechanical trauma. Lasers in Surgery and Medicine, 2005, 37, 89-96.	1.1	31
162	Shape retention in porcine and rabbit nasal septal cartilage using saline bath immersion and Nd:YAG laser irradiation. Lasers in Surgery and Medicine, 2005, 37, 201-209.	1.1	23

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163	Photodynamic therapy on keloid fibroblasts in tissue-engineered keratinocyte-fibroblast co-culture. <i>Lasers in Surgery and Medicine</i> , 2005, 37, 231-244.	1.1	51
164	Low-voltage polymer-based scanning cantilever for in vivo optical coherence tomography. <i>Optics Letters</i> , 2005, 30, 53.	1.7	61
165	Measurement of Morphologic Changes Induced by Trauma with the Use of Coherence Tomography in Porcine Vocal Cords. <i>Otolaryngology - Head and Neck Surgery</i> , 2005, 133, 845-850.	1.1	19
166	Bipolar radiofrequency plasma-mediated ablation of porcine nasal septal cartilage: a pilot investigation. <i>American Journal of Rhinology & Allergy</i> , 2005, 19, 488-94.	2.3	1
167	Modeling Aberrant Wound Healing Using Tissue-Engineered Skin Constructs and Multiphoton Microscopy. <i>Archives of Facial Plastic Surgery</i> , 2004, 6, 180-187.	0.8	50
168	Imaging the internal structure of the rat cochlea using optical coherence tomography at 0.827 μ m and 1.3 μ m. <i>Otolaryngology - Head and Neck Surgery</i> , 2004, 130, 334-338.	1.1	46
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