

Brian J-F Wong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/631009/publications.pdf>

Version: 2024-02-01

186
papers

3,424
citations

136740

32
h-index

233125

45
g-index

190
all docs

190
docs citations

190
times ranked

2244
citing authors

#	ARTICLE	IF	CITATIONS
1	In Vivo Optical Coherence Tomography of the Human Larynx: Normative and Benign Pathology in 82 Patients. <i>Laryngoscope</i> , 2005, 115, 1904-1911.	1.1	126
2	In Vivo Optical Coherence Tomography of the Human Oral Cavity and Oropharynx. <i>JAMA Otolaryngology</i> , 2006, 132, 1074.	1.5	107
3	Optical Coherence Tomography of Laryngeal Cancer. <i>Laryngoscope</i> , 2006, 116, 1107-1113.	1.1	93
4	Imaging the Human Tympanic Membrane Using Optical Coherence Tomography In Vivo. <i>Otology and Neurotology</i> , 2008, 29, 1091-1094.	0.7	65
5	Stress Relaxation of Porcine Septal Cartilage During Nd:YAG ($\lambda=1.32\mu\text{m}$) Laser Irradiation: Mechanical, Optical, and Thermal Responses. <i>Journal of Biomedical Optics</i> , 1998, 3, 409.	1.4	64
6	High-speed upper-airway imaging using full-range optical coherence tomography. <i>Journal of Biomedical Optics</i> , 2012, 17, 110507.	1.4	63
7	Characterization of temperature dependent mechanical behavior of cartilage. <i>Lasers in Surgery and Medicine</i> , 2003, 32, 271-278.	1.1	62
8	Low-voltage polymer-based scanning cantilever for in vivo optical coherence tomography. <i>Optics Letters</i> , 2005, 30, 53.	1.7	61
9	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
10	Feedback-Controlled Laser-Mediated Cartilage Reshaping. <i>Archives of Facial Plastic Surgery</i> , 1999, 1, 282-287.	0.8	53
11	Optical coherence tomography of the rat cochlea. <i>Journal of Biomedical Optics</i> , 2000, 5, 367.	1.4	53
12	Rate process analysis of thermal damage in cartilage. <i>Physics in Medicine and Biology</i> , 2003, 48, 19-29.	1.6	52
13	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
14	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
15	Imaging the internal structure of the rat cochlea using optical coherence tomography at $0.827\mu\text{m}$ and $1.3\mu\text{m}$. <i>Otolaryngology - Head and Neck Surgery</i> , 2004, 130, 334-338.	1.1	46
16	Imaging of the Pediatric Airway Using Optical Coherence Tomography. <i>Laryngoscope</i> , 2007, 117, 2206-2212.	1.1	45
17	Needle-Electrode-Based Electromechanical Reshaping of Rabbit Septal Cartilage: A Systematic Evaluation. <i>IEEE Transactions on Biomedical Engineering</i> , 2011, 58, 2378-2383.	2.5	45
18	The Porcine and Lagomorph Septal Cartilages: Models for Tissue Engineering and Morphologic Cartilage Research. <i>American Journal of Rhinology & Allergy</i> , 2001, 15, 109-116.	2.3	44

#	ARTICLE	IF	CITATIONS
19	Toward tissue-engineering of nasal cartilages. <i>Acta Biomaterialia</i> , 2019, 88, 42-56.	4.1	43
20	Radiofrequency Cartilage Reshaping. <i>Archives of Facial Plastic Surgery</i> , 2003, 5, 46-52.	0.8	42
21	Stress Relaxation in Porcine Septal Cartilage During Electromechanical Reshaping: Mechanical and Electrical Responses. <i>Annals of Biomedical Engineering</i> , 2006, 34, 455-464.	1.3	41
22	Needle Electrode-Based Electromechanical Reshaping of Cartilage. <i>Annals of Biomedical Engineering</i> , 2010, 38, 3389-3397.	1.3	40
23	Optical Coherence Tomography of the Cochlea in the Porcine Model. <i>Laryngoscope</i> , 2008, 118, 1449-1451.	1.1	38
24	Electromechanical reshaping of septal cartilage. <i>Laryngoscope</i> , 2010, 113, 1916-1921.	1.1	38
25	Calcium hydroxylapatite associated soft tissue necrosis: A case report and treatment guideline. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2014, 67, 564-568.	0.5	37
26	Office-based optical coherence tomographic imaging of human vocal cords. <i>Journal of Biomedical Optics</i> , 2006, 11, 030501.	1.4	35
27	Optical coherence tomography of the newborn airway. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2008, 117, 327-34.	0.6	35
28	Long-term Viability and Mechanical Behavior Following Laser Cartilage Reshaping. <i>Archives of Facial Plastic Surgery</i> , 2006, 8, 105-116.	0.8	34
29	Optical Coherence Tomography-Enhanced Microlaryngoscopy: Preliminary Report of a Noncontact Optical Coherence Tomography System Integrated with a Surgical Microscope. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2008, 117, 538-547.	0.6	34
30	Imaging vibrating vocal folds with a high speed 1050 nm swept source OCT and ODT. <i>Optics Express</i> , 2011, 19, 11880.	1.7	34
31	Nasal tip support: A finite element analysis of the role of the caudal septum during tip depression. <i>Laryngoscope</i> , 2014, 124, 649-654.	1.1	34
32	Office-based dynamic imaging of vocal cords in awake patients with swept-source optical coherence tomography. <i>Journal of Biomedical Optics</i> , 2009, 14, 064020.	1.4	33
33	Optical coherence tomography of the larynx in the awake patient. <i>Otolaryngology - Head and Neck Surgery</i> , 2008, 138, 425-429.	1.1	32
34	A Large Arteriovenous Malformation of the External Ear in an Adult: Report of a Case and Approach to Management. <i>Laryngoscope</i> , 2001, 111, 1390-1394.	1.1	31
35	Identification of chondrocyte proliferation following laser irradiation, thermal injury, and mechanical trauma. <i>Lasers in Surgery and Medicine</i> , 2005, 37, 89-96.	1.1	31
36	In Vivo Optical Coherence Tomography of the Nasal Mucosa. <i>American Journal of Rhinology & Allergy</i> , 2006, 20, 155-159.	2.3	31

#	ARTICLE	IF	CITATIONS
37	Analysis of Nd:YAG laser-mediated thermal damage in rabbit nasal septal cartilage. <i>Lasers in Surgery and Medicine</i> , 2007, 39, 451-457.	1.1	30
38	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
39	Laser Treatment of Scars. <i>Facial Plastic Surgery</i> , 2012, 28, 518-524.	0.5	30
40	Long-range Fourier domain optical coherence tomography of the pediatric subglottis. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2015, 79, 119-126.	0.4	30
41	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
42	Noninvasive Measurement of Ablation Crater Size and Thermal Injury after CO2 Laser in the Vocal Cord with Optical Coherence Tomography. <i>Otolaryngology - Head and Neck Surgery</i> , 2006, 134, 86-91.	1.1	28
43	Optical Coherence Tomography of Cholesteatoma. <i>Otology and Neurotology</i> , 2010, 31, 932-935.	0.7	28
44	Survival of Chondrocytes in Rabbit Septal Cartilage After Electromechanical Reshaping. <i>Annals of Biomedical Engineering</i> , 2011, 39, 66-74.	1.3	28
45	Analyzing Nasal Septal Deviations to Develop a New Classification System. <i>JAMA Facial Plastic Surgery</i> , 2014, 16, 183-187.	2.2	28
46	Rethinking nasal tip support: A finite element analysis. <i>Laryngoscope</i> , 2015, 125, 326-330.	1.1	28
47	Long-Range Optical Coherence Tomography of the Neonatal Upper Airway for Early Diagnosis of Intubation-related Subglottic Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 1504-1513.	2.5	28
48	Measurement of the elastic modulus of rabbit nasal septal cartilage during Nd:YAG ($\lambda = 1.32 \mu\text{m}$) laser irradiation. <i>Lasers in Surgery and Medicine</i> , 2003, 32, 377-383.	1.1	26
49	Stabilization of Costal Cartilage Graft Warping Using Infrared Laser Irradiation in a Porcine Model. <i>Archives of Facial Plastic Surgery</i> , 2010, 12, 405-11.	0.8	26
50	Nasal tip projection and facial attractiveness. <i>Laryngoscope</i> , 2011, 121, 1388-1394.	1.1	26
51	Quantitative assessment of chondrocyte viability after laser mediated reshaping: A novel application of flow cytometry. <i>Lasers in Surgery and Medicine</i> , 2003, 32, 3-9.	1.1	24
52	In vivo cross-sectional imaging of the phonating larynx using long-range Doppler optical coherence tomography. <i>Scientific Reports</i> , 2016, 6, 22792.	1.6	24
53	Shape retention in porcine and rabbit nasal septal cartilage using saline bath immersion and Nd:YAG laser irradiation. <i>Lasers in Surgery and Medicine</i> , 2005, 37, 201-209.	1.1	23
54	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

#	ARTICLE	IF	CITATIONS
55	Electromechanical reshaping of costal cartilage grafts: A new surgical treatment modality. <i>Laryngoscope</i> , 2011, 121, 1839-1842.	1.1	23
56	Anatomically correct visualization of the human upper airway using a high-speed long range optical coherence tomography system with an integrated positioning sensor. <i>Scientific Reports</i> , 2016, 6, 39443.	1.6	23
57	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
58	Human Nasal Cartilage Ultrastructure: Characteristics and Comparison Using Scanning Electron Microscopy. <i>Laryngoscope</i> , 2008, 118, 1153-1156.	1.1	22
59	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
60	In Vivo Electromechanical Reshaping of Ear Cartilage in a Rabbit Model. <i>JAMA Facial Plastic Surgery</i> , 2013, 15, 34.	2.2	21
61	In Vivo Needle-Based Electromechanical Reshaping of Pinnae. <i>JAMA Facial Plastic Surgery</i> , 2014, 16, 245-252.	2.2	21
62	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
63	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
64	Changes in the Tangent Modulus of Rabbit Septal and Auricular Cartilage Following Electromechanical Reshaping. <i>Journal of Biomechanical Engineering</i> , 2011, 133, 094502.	0.6	20
65	A Comparison of Over-the-Counter Mechanical Nasal Dilators. <i>JAMA Facial Plastic Surgery</i> , 2016, 18, 385-389.	2.2	20
66	Long-term in vivo stability of rabbit nasal septal cartilage following laser cartilage reshaping: A pilot investigation. <i>Lasers in Surgery and Medicine</i> , 2005, 36, 147-154.	1.1	19
67	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
68	Thermoforming of tracheal cartilage: Viability, shape change, and mechanical behavior. <i>Lasers in Surgery and Medicine</i> , 2008, 40, 550-561.	1.1	19
69	Ex Vivo Electromechanical Reshaping of Costal Cartilage in the New Zealand White Rabbit Model. <i>Laryngoscope</i> , 2013, 123, 1143-1148.	1.1	19
70	Finite Element Model Analysis of Cephalic Trim on Nasal Tip Stability. <i>JAMA Facial Plastic Surgery</i> , 2015, 17, 413-420.	2.2	18
71	Quantifying Optimal Columellar Strut Dimensions for Nasal Tip Stabilization After Rhinoplasty via Finite Element Analysis. <i>JAMA Facial Plastic Surgery</i> , 2016, 18, 194-200.	2.2	18
72	The Myth of the Internal Nasal Valve. <i>JAMA Facial Plastic Surgery</i> , 2017, 19, 253-254.	2.2	18

#	ARTICLE	IF	CITATIONS
73	Objective measures and the standardized letter of recommendation in the otolaryngology residency match. <i>Laryngoscope</i> , 2020, 130, 603-608.	1.1	18
74	Laser-assisted straightening of deformed cartilage: Numerical model. <i>Lasers in Surgery and Medicine</i> , 2007, 39, 245-255.	1.1	17
75	Electromechanical reshaping of ex vivo porcine trachea. <i>Laryngoscope</i> , 2015, 125, 1628-1632.	1.1	17
76	Intraoperative long range optical coherence tomography as a novel method of imaging the pediatric upper airway before and after adenotonsillectomy. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2015, 79, 63-70.	0.4	17
77	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
78	Characterization of Submucosal Lesions Using Optical Coherence Tomography in the Rabbit Subglottis. <i>JAMA Otolaryngology</i> , 2005, 131, 499.	1.5	16
79	Face masks and basketball: <sc>NCAA</sc> division <sc>I</sc> consumer trends and a review of overâ€œtheâ€œcounter face masks. <i>Laryngoscope</i> , 2016, 126, 1054-1060.	1.1	16
80	Reforming the Match Processâ€”Early Decision Plans and the Case for a Consortia Match. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2016, 142, 727.	1.2	16
81	A webâ€œbased method for rating facial attractiveness. <i>Laryngoscope</i> , 2010, 120, 902-906.	1.1	15
82	Model for estimating the threshold mechanical stability of structural cartilage grafts used in rhinoplasty. <i>Laryngoscope</i> , 2010, 120, 1089-1093.	1.1	15
83	In vivo optical coherence tomography of the nasal mucosa. <i>American Journal of Rhinology & Allergy</i> , 2006, 20, 155-9.	2.3	15
84	The Virtual Focus Group. <i>Plastic and Reconstructive Surgery</i> , 2012, 130, 455e-461e.	0.7	14
85	Mechanical analysis of cartilage graft reinforced with PDS plate. <i>Laryngoscope</i> , 2013, 123, 339-343.	1.1	14
86	Preclinical investigations of articular cartilage ablation with femtosecond and pulsed infrared lasers as an alternative to microfracture surgery. <i>Journal of Biomedical Optics</i> , 2014, 19, 098001.	1.4	14
87	Controlledâ€œPotential Electromechanical Reshaping of Cartilage. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5497-5500.	7.2	14
88	Proteoglycan Synthesis in Porcine Nasal Cartilage Grafts Following Nd:YAG ($\lambda = 1.32 \mu\text{m}$) Laser-Mediated Reshaping. <i>Photochemistry and Photobiology</i> , 2000, 71, 218.	1.3	14
89	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
90	Lasers and Optical Technologies in Facial Plastic Surgery. <i>Archives of Facial Plastic Surgery</i> , 2008, 10, 381-390.	0.8	13

#	ARTICLE	IF	CITATIONS
91	Practical Device for Precise Cutting of Costal Cartilage Grafts to Uniform Thickness. Archives of Facial Plastic Surgery, 2011, 13, 259.	0.8	13
92	In-depth analysis of pH-dependent mechanisms of electromechanical reshaping of rabbit nasal septal cartilage. Laryngoscope, 2014, 124, E405-10.	1.1	13
93	A Low-Cost Method of Ciliary Beat Frequency Measurement Using iPhone and MATLAB. Otolaryngology - Head and Neck Surgery, 2016, 155, 252-256.	1.1	13
94	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
95	Quantitative Evaluation of Adult Subglottic Stenosis Using Intraoperative Long-range Optical Coherence Tomography. Annals of Otolaryngology, Rhinology and Laryngology, 2016, 125, 815-822.	0.6	13
96	Association of Electrochemical Therapy With Optical, Mechanical, and Acoustic Impedance Properties of Porcine Skin. JAMA Facial Plastic Surgery, 2017, 19, 502-509.	2.2	13
97	Measurement of ciliary beat frequency using Doppler optical coherence tomography. International Forum of Allergy and Rhinology, 2015, 5, 1048-1054.	1.5	12
98	Long-term in vivo electromechanical reshaping for auricular reconstruction in the New Zealand white rabbit model. Laryngoscope, 2015, 125, 2058-2066.	1.1	12
99	Anatomy and Surgical Approaches to the Rabbit Nasal Septum. JAMA Facial Plastic Surgery, 2017, 19, 386-391.	2.2	12
100	Finite Element Model and Validation of Nasal Tip Deformation. Annals of Biomedical Engineering, 2017, 45, 829-838.	1.3	12
101	Metastatic Small Cell Carcinoma to the Masseter Muscle Originating from the Uterine Cervix. Ear, Nose and Throat Journal, 1995, 74, 118-121.	0.4	11
102	Chondrocyte Viability in Human Nasal Septum After Morselization. Archives of Facial Plastic Surgery, 2010, 12, 204-6.	0.8	11
103	Mechanical properties of porcine cartilage after uniform RF heating. Lasers in Surgery and Medicine, 2012, 44, 572-579.	1.1	11
104	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
105	A Finite Element Model to Simulate Formation of the Inverted-V Deformity. JAMA Facial Plastic Surgery, 2016, 18, 136-143.	2.2	11
106	Development and evaluation of rhinoplasty spreader graft suture simulator for novice surgeons. Laryngoscope, 2019, 129, 344-350.	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	Laser-Assisted Hair Transplantation: Histologic Comparison Between CO ₂ and Ho:YAG Lasers. Dermatologic Surgery, 2001, 27, 335-342.	0.4	10

#	ARTICLE	IF	CITATIONS
109	Analysis of Cartilage-Polydioxanone Foil Composite Grafts. <i>Facial Plastic Surgery</i> , 2013, 29, 502-505.	0.5	10
110	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
111	Medical Makeup for Concealing Facial Scars. <i>Facial Plastic Surgery</i> , 2012, 28, 536-540.	0.5	9
112	Use of Copolymer Polylactic and Polyglycolic Acid Resorbable Plates in Repair of Orbital Floor Fractures. <i>Facial Plastic Surgery</i> , 2014, 30, 581-586.	0.5	9
113	The biophysical effects of localized electrochemical therapy on porcine skin. <i>Journal of Dermatological Science</i> , 2020, 97, 179-186.	1.0	9
114	Scanning electron microscopy of otic capsule and calvarial bone ablated by a holmium-YAG laser. <i>Lasers in Medical Science</i> , 1994, 9, 249-260.	1.0	8
115	Diagnosis of subglottic stenosis in a rabbit model using long-range optical coherence tomography. <i>Laryngoscope</i> , 2017, 127, 64-69.	1.1	8
116	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
117	Electrochemolipolysis of Human Adipose Tissue. <i>Facial Plastic Surgery and Aesthetic Medicine</i> , 2020, 22, 86-92.	0.5	8
118	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
119	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
120	The Rabbit Costal Cartilage Reconstructive Surgical Model. <i>Facial Plastic Surgery</i> , 2014, 30, 076-080.	0.5	7
121	Handheld-Level Electromechanical Cartilage Reshaping Device. <i>Facial Plastic Surgery</i> , 2015, 31, 295-300.	0.5	7
122	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
123	High-definition point-of-view intraoperative recording using a smartphone: A hands-free approach. <i>Laryngoscope</i> , 2019, 129, 578-581.	1.1	7
124	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
125	Optical coherence tomography of the larynx using the Niris system. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2010, 39, 150-6.	0.9	7
126	The Use of Preserved Autogenous Septal Cartilage in "Touch-up" Rhinoplasty. <i>Archives of Facial Plastic Surgery</i> , 2003, 5, 349-353.	0.8	6

#	ARTICLE	IF	CITATIONS
127	Engineering of a Straighter Septum: Numerical Model of Mechanical Stress Relaxation in Laser-Heated Septal Cartilage. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 5399-402.	0.5	6
128	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
129	Mid-Infrared Laser Orbital Septal Tightening. JAMA Facial Plastic Surgery, 2014, 16, 425-431.	2.2	6
130	Modular Component Assembly Approach to Microtia Reconstruction. JAMA Facial Plastic Surgery, 2016, 18, 120-127.	2.2	6
131	Grafting Techniques in Primary and Revision Rhinoplasty. Facial Plastic Surgery Clinics of North America, 2018, 26, 205-223.	0.9	6
132	Surface kinematic and depth-resolved analysis of human vocal folds in vivo during phonation using optical coherence tomography. Journal of Biomedical Optics, 2021, 26, .	1.4	6
133	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
134	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
135	Model to Estimate Threshold Mechanical Stability of Lower Lateral Cartilage. JAMA Facial Plastic Surgery, 2015, 17, 245-250.	2.2	5
136	Association of Frontal and Lateral Facial Attractiveness. JAMA Facial Plastic Surgery, 2018, 20, 19-23.	2.2	5
137	Categorization and Analysis of Nasal Base Shapes Using a Parametric Model. JAMA Facial Plastic Surgery, 2019, 21, 440-445.	2.2	5
138	Electrochemical degradation and saponification of porcine adipose tissue. Scientific Reports, 2020, 10, 20745.	1.6	5
139	Effects of electromechanical reshaping on mechanical behavior of exvivo bovine tendon. Clinical Biomechanics, 2020, 73, 92-100.	0.5	5
140	Intraoperative use of optical coherence tomography to differentiate normal and diseased thyroid and parathyroid tissues from lymph node and fat. Lasers in Medical Science, 2021, 36, 269-278.	1.0	5
141	The Potential for Telemedicine to Reduce Bias in Patients Seeking Facial Plastic Surgery. Otolaryngology - Head and Neck Surgery, 2021, 164, 909-910.	1.1	5
142	Telelecture Educational Series in Facial Plastic and Reconstructive Surgery. Facial Plastic Surgery, 2020, 36, 211-214.	0.5	5
143	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
144	Novel Method for Obtaining Intraoperative Digital Video. Facial Plastic Surgery, 2017, 33, 114-115.	0.5	4

#	ARTICLE	IF	CITATIONS
145	A Novel Inexpensive Design for High Definition Intraoperative Videography. <i>Surgical Innovation</i> , 2020, 27, 699-701.	0.4	4
146	Electromechanical reshaping of rabbit septal cartilage: a six needle electrode geometric configuration. <i>Proceedings of SPIE</i> , 2009, , .	0.8	3
147	Biomechanical Properties of Facial Cartilage Grafts. , 2013, , 533-541.		3
148	Analysis of the Trend Toward Fuller Lips Among Fashion Models. <i>JAMA Facial Plastic Surgery</i> , 2017, 19, 335-336.	2.2	3
149	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
150	Chondrocyte Viability in Human Nasal Septum After Morselization. <i>Archives of Facial Plastic Surgery</i> , 2010, 12, 204-206.	0.8	3
151	Reduction of superficial thermal injury using cryogen cooling during laser-assisted cartilage reshaping of composite cartilage grafts: preliminary investigation. , 2003, , .		2
152	Simulation of laser induced thermo-mechanical changes in tissue using RF heating method. , 2007, , .		2
153	The academic impact of the triological society theses-Mosher and fowler awards: Citations, impact factor, and h-index. <i>Laryngoscope</i> , 2013, 123, 2654-2657.	1.1	2
154	Morphometric facial analysis: a methodology to create lateral facial images. <i>Oral and Maxillofacial Surgery</i> , 2015, 19, 403-410.	0.6	2
155	Controlledâ€Potential Electromechanical Reshaping of Cartilage. <i>Angewandte Chemie</i> , 2016, 128, 5587-5590.	1.6	2
156	Validation of a septoplasty deformity grading system for the evaluation of nasal obstruction. <i>Laryngoscope</i> , 2019, 129, 586-593.	1.1	2
157	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
158	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
159	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
160	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
161	Proteoglycan Synthesis in Porcine Nasal Cartilage Grafts Following Nd:YAG ($\lambda = 1.32 \mu\text{m}$) Laser-Mediated Reshaping. <i>Photochemistry and Photobiology</i> , 2000, 71, 218-224.	1.3	1
162	Spatiotemporal correlation of optical coherence tomography in vivo images of rabbit airway for the diagnosis of edema. <i>Journal of Biomedical Optics</i> , 2015, 20, 076015.	1.4	1

#	ARTICLE	IF	CITATIONS
163	Unique Clinical Aspects of Nasal Scarring. Facial Plastic Surgery Clinics of North America, 2017, 25, 45-54.	0.9	1
164	Response to Atilikoyar re: "Video Standards for Rhinoplasty Education: A Review and Recommended Guidelines". Facial Plastic Surgery and Aesthetic Medicine, 2020, 22, 399-400.	0.5	1
165	Evaluating Open Source Software for 3D Imaging and Morphing in Cosmetic and Reconstructive Surgery. Laryngoscope, 2021, 131, 299-303.	1.1	1
166	Coupling Pressure Sensing with Optical Coherence Tomography to Evaluate the Internal Nasal Valve. Annals of Otolaryngology, Rhinology and Laryngology, 2021, 130, 167-172.	0.6	1
167	Assessing the Safety of Topical Epinephrine in Open Rhinoplasty. Facial Plastic Surgery and Aesthetic Medicine, 2021, 23, 73-74.	0.5	1
168	Development of a Cost-Effective Surgical Headlight Using Consumer Light Emitting Diode Lighting and 3D Printing. Surgical Innovation, 2021, 28, 776-779.	0.4	1
169	Electrochemical Therapy of In Vivo Rabbit Cutaneous Tissue. Laryngoscope, 2021, 131, E2196-E2203.	1.1	1
170	Exploring feedback-controlled versus open-circuit electrochemical lipolysis in ex vivo and in vivo porcine fat: A feasibility study. Lasers in Surgery and Medicine, 2021, , .	1.1	1
171	Computational analysis of six optical coherence tomography systems for vocal fold imaging: A comparison study. Lasers in Surgery and Medicine, 2019, 51, 412-422.	1.1	1
172	Optical Coherence Tomography of the Larynx: Normative Anatomy and Benign Processes. , 2016, , 573-588.		1
173	Smoke Evacuator Use with Ultra-Low Particulate Air Filtration in Rhinoplasty and Sinus Surgery. Facial Plastic Surgery and Aesthetic Medicine, 2020, 22, 404-405.	0.5	1
174	Potential-Driven Electrochemical Clearing of Ex Vivo Alkaline Corneal Injuries. Translational Vision Science and Technology, 2022, 11, 32.	1.1	1
175	Preparing for a Paradigm Shift in Medical Conference Development and Implementation. Facial Plastic Surgery and Aesthetic Medicine, 2022, , .	0.5	1
176	Bipolar radiofrequency plasma-mediated ablation of porcine nasal septal cartilage: a pilot investigation. American Journal of Rhinology & Allergy, 2005, 19, 488-94.	2.3	1
177	Development and Assessment of an Inexpensive Smartphone-Based Respiratory Droplet Simulation Model. Surgical Innovation, 2022, 29, 278-281.	0.4	1
178	Correction of ear malformations by laser-assisted cartilage reshaping (LACR). Lasers in Surgery and Medicine, 2006, 38, 658-658.	1.1	0
179	Numerical analysis of costal cartilage warping after laser modification. Proceedings of SPIE, 2010, , .	0.8	0
180	Measurement of ciliary beat frequency using ultra-high resolution optical coherence tomography. Proceedings of SPIE, 2016, , .	0.8	0

#	ARTICLE	IF	CITATIONS
181	Evaluation of Safety and Efficacy for an Intranasal Airway Device in Nasal Surgery. JAMA Facial Plastic Surgery, 2019, 21, 38-43.	2.2	0
182	Electrosurgery Turbinate Reduction Revisited: Can Comparable Volumetric Heating be Achieved Without Feedback Control?. Lasers in Surgery and Medicine, 2021, 53, 370-376.	1.1	0
183	Failed Absorption of Nasal Polylactic Acid Implants (Latera). Facial Plastic Surgery and Aesthetic Medicine, 2021, , .	0.5	0
184	Cartilage Reshaping. , 2020, , 153-174.		0
185	Validation of spectrally encoded interferometric microscopy (SEIM) in finding ciliary beat frequency of human ex vivo upper airway tissue. , 2022, , .		0
186	Visualization of ex vivo rabbit olfactory mucosa and foramina with three-dimensional optical coherence tomography. Lasers in Medical Science, 0, , .	1.0	0