

# Glenn E Green

## List of Publications by Year in descending order

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Version: 2024-02-01

72  
papers

3,823  
citations

218677

26  
h-index

138484

58  
g-index

72  
all docs

72  
docs citations

72  
times ranked

4878  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioresorbable Airway Splint Created with a Three-Dimensional Printer. <i>New England Journal of Medicine</i> , 2013, 368, 2043-2045.	27.0	514
2	Mitigation of tracheobronchomalacia with 3D-printed personalized medical devices in pediatric patients. <i>Science Translational Medicine</i> , 2015, 7, 285ra64.	12.4	372
3	Androgen Receptors Mediate Hypertrophy in Cardiac Myocytes. <i>Circulation</i> , 1998, 98, 256-261.	1.6	364
4	Carrier Rates in the Midwestern United States for <math>GJB2</math> Mutations Causing Inherited Deafness. <i>JAMA - Journal of the American Medical Association</i> , 1999, 281, 2211.	7.4	331
5	Mutations in COL11A2 cause non-syndromic hearing loss (DFNA13). <i>Nature Genetics</i> , 1999, 23, 413-419.	21.4	285
6	Pendred syndrome, DFNB4, and PDS/SLC26A4 identification of eight novel mutations and possible genotype-phenotype correlations. <i>Human Mutation</i> , 2001, 17, 403-411.	2.5	267
7	Regulatory Considerations in the Design and Manufacturing of Implantable 3D-Printed Medical Devices. <i>Clinical and Translational Science</i> , 2015, 8, 594-600.	3.1	192
8	Atypical phenotypes associated with pathogenic <i>CHD7</i> variants and a proposal for broadening CHARGE syndrome clinical diagnostic criteria. <i>American Journal of Medical Genetics, Part A</i> , 2016, 170, 344-354.	1.2	122
9	Computer Aided-Designed, 3D-Printed Porous Tissue Bioscaffolds for Craniofacial Soft Tissue Reconstruction. <i>Otolaryngology - Head and Neck Surgery</i> , 2015, 152, 57-62.	1.9	109
10	Obesity and risk of peri-operative complications in children presenting for adenotonsillectomy. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2009, 73, 89-95.	1.0	89
11	Treatment of Severe Porcine Tracheomalacia With a 3-Dimensionally Printed, Bioresorbable, External Airway Splint. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2014, 140, 66.	2.2	87
12	Design Control for Clinical Translation of 3D Printed Modular Scaffolds. <i>Annals of Biomedical Engineering</i> , 2015, 43, 774-786.	2.5	84
13	Temporal Bone Histopathology in Connexin 26-Related Hearing Loss. <i>Laryngoscope</i> , 2000, 110, 269-269.	2.0	80
14	A Human Homeotic Transformation Resulting from Mutations in PLCB4 and GNAI3 Causes Auriculocondylar Syndrome. <i>American Journal of Human Genetics</i> , 2012, 90, 907-914.	6.2	75
15	Digital Music Exposure Reliably Induces Temporary Threshold Shift in Normal-Hearing Human Subjects. <i>Ear and Hearing</i> , 2012, 33, e44-e58.	2.1	66
16	3D-Printed, externally-implanted, bioresorbable airway splints for severe tracheobronchomalacia. <i>Laryngoscope</i> , 2019, 129, 1763-1771.	2.0	63
17	Integrating Image-Based Design and 3D Biomaterial Printing To Create Patient Specific Devices within a Design Control Framework for Clinical Translation. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 1827-1836.	5.2	50
18	Antenatal Three-Dimensional Printing of Aberrant Facial Anatomy. <i>Pediatrics</i> , 2015, 136, e1382-e1385.	2.1	49

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19	The M34T Allele Variant of Connexin 26. <i>Genetic Testing and Molecular Biomarkers</i> , 2000, 4, 335-344.	1.7	47
20	Calcium Channel Subunits in the Mouse Cochlea. <i>Journal of Neurochemistry</i> , 2002, 67, 37-45.	3.9	45
21	Analysis of $\gamma$ -Aminobutyric Acid Receptor Subunits in the Mouse Cochlea by Means of the Polymerase Chain Reaction. <i>Journal of Neurochemistry</i> , 1993, 61, 1167-1170.	3.9	44
22	PATHOGENESIS AND TREATMENT OF JUVENILE ONSET RECURRENT RESPIRATORY PAPILLOMATOSIS. <i>Otolaryngologic Clinics of North America</i> , 2000, 33, 187-207.	1.1	42
23	Biomechanical evaluation of human and porcine Auricular cartilage. <i>Laryngoscope</i> , 2015, 125, E262-8.	2.0	39
24	Advances in 3-Dimensional Printing in Otolaryngology. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2017, 143, 178.	2.2	36
25	Co-culture of adipose-derived stem cells and chondrocytes on three-dimensionally printed bioscaffolds for craniofacial cartilage engineering. <i>Laryngoscope</i> , 2018, 128, E251-E257.	2.0	31
26	Dietary Supplement Comprised of $\beta$ -Carotene, Vitamin C, Vitamin E, and Magnesium: Failure to Prevent Music-Induced Temporary Threshold Shift. <i>Audiology and Neurotology Extra</i> , 2016, 6, 20-39.	2.0	28
27	CHD7 Mutations and CHARGE Syndrome in Semicircular Canal Dysplasia. <i>Otology and Neurotology</i> , 2014, 35, 1466-1470.	1.3	25
28	Treatment of Severe Acquired Tracheomalacia With a Patient-Specific, 3D-Printed, Permanent Tracheal Splint. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2017, 143, 523.	2.2	24
29	Audiological Manifestations and Features of Connexin 26 Deafness. <i>Audiological Medicine</i> , 2003, 1, 5-11.	0.4	21
30	Computer-Aided Design and 3-Dimensional Printing for Costal Cartilage Simulation of Airway Graft Carving. <i>Otolaryngology - Head and Neck Surgery</i> , 2017, 156, 1044-1047.	1.9	21
31	Computer-Aided Design, 3-D-Printed Manufacturing, and Expert Validation of a High-fidelity Facial Flap Surgical Simulator. <i>JAMA Facial Plastic Surgery</i> , 2019, 21, 327-331.	2.1	20
32	Voltage-gated Ca <sup>2+</sup> channel Ca <sub>v</sub> 1.3 subunit expressed in the hair cell epithelium of the sacculus of the trout <i>Oncorhynchus mykiss</i> : cloning and comparison across vertebrate classes. <i>Molecular Brain Research</i> , 2002, 109, 69-83.	2.3	18
33	Middle cranial fossa approach to repair tegmen defects assisted by three-dimensionally printed temporal bone models. <i>Laryngoscope</i> , 2017, 127, 2347-2351.	2.0	18
34	Development and Multidisciplinary Preliminary Validation of a 3-Dimensional-Printed Pediatric Airway Model for Emergency Airway Front-of-Neck Access Procedures. <i>Anesthesia and Analgesia</i> , 2020, 130, 445-451.	2.2	16
35	CT scans in childhood and risk of leukaemia and brain tumours. <i>Lancet, The</i> , 2012, 380, 1735-1736.	13.7	15
36	Cricotracheal Resection With Hilar Release for Pediatric Airway Stenosis. <i>JAMA Otolaryngology</i> , 2010, 136, 256.	1.2	14

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37	Competency-Based Assessment Tool for Pediatric Tracheotomy: International Modified Delphi Consensus. <i>Laryngoscope</i> , 2020, 130, 2700-2707.	2.0	12
38	Duplication 2p25 in a child with clinical features of CHARGE syndrome. <i>American Journal of Medical Genetics, Part A</i> , 2016, 170, 1148-1154.	1.2	11
39	ACEMg supplementation ameliorates progressive Connexin 26 hearing loss in a child. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2014, 78, 564-566.	1.0	9
40	Addressing the Pandemic Training Deficiency: Filling the Void with Simulation in Facial Reconstruction. <i>Laryngoscope</i> , 2021, 131, E2444-E2448.	2.0	9
41	ACEMg Diet Supplement Modifies Progression of Hereditary Deafness. <i>Scientific Reports</i> , 2016, 6, 22690.	3.3	8
42	Babbling, vegetative function, and language development after cricotracheal resection in aphonic children. <i>Laryngoscope</i> , 2010, 120, 2494-2497.	2.0	7
43	Innovations in Airway Surgery. <i>Otolaryngologic Clinics of North America</i> , 2019, 52, 923-936.	1.1	7
44	Advanced Therapies for Severe Tracheobronchomalacia: A Review of the Use of 3D-Printed, Patient-Specific, Externally Implanted, Bioresorbable Airway Splints. <i>Pediatric Cardiac Surgery Annual</i> , 2021, 24, 37-43.	1.2	7
45	Campomelic Dysplasia: Airway Management in Two Patients and an Update on Clinical-Molecular Correlations in the Head and Neck. <i>Annals of Otology, Rhinology and Laryngology</i> , 2011, 120, 682-685.	1.1	5
46	Toward a better understanding of nonoccupational sound exposures and associated health impacts: Methods of the Apple Hearing Study. <i>Journal of the Acoustical Society of America</i> , 2022, 151, 1476-1489.	1.1	5
47	Changes in speech and language development of a young child after decannulation. <i>Journal of Communication Disorders</i> , 2005, 38, 349-358.	1.5	4
48	Navigating the Informed Consent Process When Using Innovative Surgery. <i>Otolaryngology - Head and Neck Surgery</i> , 2020, 162, 177-180.	1.9	4
49	Modified Minerva Cervical Thoracic Orthosis for Postoperative Management of Cricotracheal Resection. <i>Ear, Nose and Throat Journal</i> , 2021, 100, NP105-NP108.	0.8	4
50	Tracheal agenesis: Esophageal airway support with a 3-dimensional-printed bioresorbable splint. <i>JTCVS Techniques</i> , 2021, 10, 563-568.	0.4	4
51	Delivery system can vary ventilatory parameters across multiple patients from a single source of mechanical ventilation. <i>PLoS ONE</i> , 2020, 15, e0243601.	2.5	4
52	Pivoting: from academic 3D printing to rapid COVID-19 solutions. <i>Journal of 3D Printing in Medicine</i> , 2020, 4, 127-129.	2.0	4
53	Eustachian Tube Duplication. <i>Otology and Neurotology</i> , 2014, 35, 1099-1101.	1.3	3
54	PLZF-expressing CD4 T cells show the characteristics of terminally differentiated effector memory CD4 T cells in humans. <i>European Journal of Immunology</i> , 2018, 48, 1255-1257.	2.9	3

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55	Competency-Based Assessment Tool for Pediatric Esophagoscopy: International Modified Delphi Consensus. <i>Laryngoscope</i> , 2021, 131, 1168-1174.	2.0	3
56	Quality Control of 3D Printed Resorbable Implants: The 3D Printed Airway Splint Example. , 2018, , 131-160.		2
57	Evaluating Directional Dependency of Selective Laser Sintered Patient Specific Biodegradable Devices to Improve Predictive Modeling and Design Verification. <i>Annals of Biomedical Engineering</i> , 2021, 49, 2579-2589.	2.5	2
58	Successful conservative management of a rare complication of tracheostomy; extensive posterior tracheal false pouch. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2016, 90, 54-57.	1.0	1
59	Tracheal Replacement. , 2019, , 281-281.		1
60	A personalized approach to non-invasive ventilation masks in amyotrophic lateral sclerosis using facial scanning and 3D-printing. <i>Annals of 3D Printed Medicine</i> , 2021, 3, 100027.	3.1	1
61	Unilateral Aplasia of the Facial Nerve Diagnosed by High-Resolution MRI. <i>Pediatric Neurology</i> , 2013, 49, 70-71.	2.1	0
62	Diagnosis and Management of Tracheal Anomalies and Tracheal Stenosis. , 2021, , 441-455.		0
63	Characterization of noise exposure in places of worship. <i>Applied Acoustics</i> , 2021, 180, 108114.	3.3	0
64	SPEECH DEVELOPMENT IN PREVIOUSLY APHONIC CHILDREN AFTER AIRWAY RECONSTRUCTION RECAPITULATES EVOLUTION OF SPOKEN LANGUAGE. , 2012, , .		0
65	LANGUAGE DEVELOPMENT IN CHILDREN WITH LARYNGEAL ABNORMALITIES IDENTIFIES PREREQUISITES FOR VERBAL PROTOLANGUAGE. , 2014, , .		0
66	Strategies for the Treatment of Hereditary Hearing Loss. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2015, , 377-391.	0.4	0
67	Quality Control of 3D Printed Resorbable Implants: The 3D Printed Airway Splint Example. , 2018, , 1-30.		0
68	Starting a medical 3D printing lab for otolaryngology-head and neck surgery collaboration. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2022, 43, 103322.	1.3	0
69	Title is missing!. , 2020, 15, e0243601.		0
70	Title is missing!. , 2020, 15, e0243601.		0
71	Title is missing!. , 2020, 15, e0243601.		0
72	Title is missing!. , 2020, 15, e0243601.		0