

Christopher M Runyan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4303989/publications.pdf>

Version: 2024-02-01

58
papers

1,214
citations

471477
17
h-index

395678
33
g-index

58
all docs

58
docs citations

58
times ranked

1653
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphology of the Occipital Bones and Foramen Magnum Resulting From Premature Minor Suture Fusion in Crouzon Syndrome. <i>Cleft Palate-Craniofacial Journal</i> , 2023, 60, 591-600.	0.9	1
2	Tissue Engineering Strategies for Craniomaxillofacial Surgery: Current Trends in 3D-Printed Bioactive Ceramic Scaffolds. <i>Springer Series in Biomaterials Science and Engineering</i> , 2022, , 55-74.	1.0	2
3	A1 Pulley Tenderness as a Modification to Tenderness along the Flexor Sheath in Diagnosing Pyogenic Flexor Tenosynovitis. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2022, 10, e4165.	0.6	0
4	Safety of Mandibular Osteotomies in Infants with Pierre Robin Sequence: Computer-Aided Modeling to Characterize the Risks of Various Techniques. <i>Plastic and Reconstructive Surgery</i> , 2022, 149, 1169-1177.	1.4	4
5	Outcomes in Orbital Floor Trauma: A Comparison of Isolated and Zygomaticomaxillary-Associated Fractures. <i>Journal of Craniofacial Surgery</i> , 2021, 32, 1487-1490.	0.7	4
6	Prepectoral Versus Subpectoral Breast Reconstruction in High-Body Mass Index Patients. <i>Annals of Plastic Surgery</i> , 2021, 87, 136-143.	0.9	7
7	Long-Term Neurocognitive Outcomes of Spring-Assisted Surgery versus Cranial Vault Remodeling for Sagittal Synostosis. <i>Plastic and Reconstructive Surgery</i> , 2021, 147, 661-671.	1.4	14
8	The Impact of Perioperative Blood Pressure on Hematoma Development After Panniculectomy. <i>Annals of Plastic Surgery</i> , 2021, 86, S532-S537.	0.9	1
9	Applicant Preferences for Virtual Interviews: Insights from the 2020-21 Integrated Plastic Surgery Application Cycle. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2021, 9, e3732.	0.6	13
10	Vascularized Pedicled Fibula for Pediatric Tibia Reconstruction. <i>Journal of Orthopaedic Trauma</i> , 2021, 35, S48-S49.	1.4	3
11	Automated 3D Analysis of Zygomaticomaxillary Fracture Rotation and Displacement. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2021, 9, e3888.	0.6	1
12	Utilizing 3D-Printed Orbital Floor Stamps to Create Patient-Specific Implants for Orbital Floor Reconstruction. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2021, 37, 81-85.	0.8	6
13	Spring-Assisted Surgery for Treatment of Sagittal Craniosynostosis. <i>Journal of Craniofacial Surgery</i> , 2021, 32, 164-167.	0.7	2
14	Long-Term Outcomes of Spring-Assisted Surgery for Sagittal Craniosynostosis. <i>Plastic and Reconstructive Surgery</i> , 2020, 146, 833-841.	1.4	21
15	Cost Analysis for In-house versus Industry-printed Skull Models for Acute Midfacial Fractures. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2020, 8, e2831.	0.6	12
16	Provision and Utilization of Team- and Community-Based Operative Care for Patients With Cleft Lip/Palate in North Carolina. <i>Cleft Palate-Craniofacial Journal</i> , 2020, 57, 1298-1307.	0.9	0
17	A Novel Classification Method of Zygomaticomaxillary Complex Fractures by Suture Comminution to Better Predict Clinical Outcomes. <i>Face</i> , 2020, 1, 124-130.	0.2	2
18	NAM Therapy—Evidence-Based Results. <i>Cleft Palate-Craniofacial Journal</i> , 2020, 57, 529-531.	0.9	26

#	ARTICLE	IF	CITATIONS
19	Spring-Assisted Strip Craniectomy Versus Cranial Vault Remodeling: Long-Term Psychological, Behavioral, and Executive Function Outcomes. <i>Journal of Craniofacial Surgery</i> , 2020, 31, 2101-2105.	0.7	6
20	Outcomes of Endoscopic Versus Open Spring Assisted Surgery for Sagittal Craniosynostosis. <i>Journal of Craniofacial Surgery</i> , 2020, 31, 2088-2091.	0.7	5
21	A Clinical Comparison and Economic Evaluation of Erich Arch Bars, 4-Point Fixation, and Bone-Supported Arch Bars for Maxillomandibular Fixation. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2019, 145, 536.	2.2	3
22	Hematoma Risks of Nonsteroidal Anti-inflammatory Drugs Used in Plastic Surgery Procedures. <i>Annals of Plastic Surgery</i> , 2019, 82, S437-S445.	0.9	36
23	The Effect of Nasoalveolar Molding on Nasal Airway Anatomy. <i>Cleft Palate-Craniofacial Journal</i> , 2018, 55, 596-601.	0.9	14
24	Dipyridamole enhances osteogenesis of three-dimensionally printed bioactive ceramic scaffolds in calvarial defects. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2018, 46, 237-244.	1.7	44
25	Incidence of Cranial Base Suture Fusion in Infants with Craniosynostosis. <i>Plastic and Reconstructive Surgery</i> , 2018, 141, 559e-570e.	1.4	14
26	Management of Airway Obstruction in Infants With Pierre Robin Sequence. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2018, 6, e1688.	0.6	25
27	Ganglion Cyst of the Temporomandibular Joint Mimicking Auriculotemporal Neuralgia. <i>Journal of Craniofacial Surgery</i> , 2018, 29, e680-e682.	0.7	2
28	Digital-Facial Translocation in Amniotic Band Sequence: Evidence of the Intrinsic Theory. <i>Journal of Craniofacial Surgery</i> , 2018, 29, 1890-1892.	0.7	3
29	Treacher Collins Syndrome and Tracheostomy. <i>Annals of Plastic Surgery</i> , 2018, 81, 305-310.	0.9	17
30	A generalized multistage approach to oral and nasal intubation in infants with Pierre Robin sequence: A retrospective review. <i>Paediatric Anaesthesia</i> , 2018, 28, 1029-1034.	1.1	12
31	The Drivers of Academic Success in Cleft and Craniofacial Centers. <i>Plastic and Reconstructive Surgery</i> , 2017, 139, 450-456.	1.4	3
32	Biology of Bone Formation, Fracture Healing, and Distraction Osteogenesis. <i>Journal of Craniofacial Surgery</i> , 2017, 28, 1380-1389.	0.7	69
33	Optimizing Safety of Iliac Bone Harvest Using an Acumed Drill: A Simulated Radiographic Study of 100 Patients. <i>Cleft Palate-Craniofacial Journal</i> , 2017, 54, 674-679.	0.9	4
34	Neonatal Mandibular Distraction Without a Consolidation Period. <i>Journal of Craniofacial Surgery</i> , 2017, 28, 1942-1945.	0.7	4
35	Minor Suture Fusion in Syndromic Craniosynostosis. <i>Plastic and Reconstructive Surgery</i> , 2017, 140, 434e-445e.	1.4	30
36	Analysis of Practice Settings for Craniofacial Surgery Fellowship Graduates in North America. <i>Journal of Surgical Education</i> , 2017, 74, 181-186.	2.5	13

#	ARTICLE	IF	CITATIONS
37	Parental Perceptions of Neurodevelopment in Toddlers Following Craniosynostosis Repair. Journal of Craniofacial Surgery, 2016, 27, 835-838.	0.7	1
38	Jaw in a Day. Journal of Craniofacial Surgery, 2016, 27, 2101-2104.	0.7	48
39	Efficacy of Standard Costochondral Grafting in Patients With Bilateral Craniofacial Microsomia. Journal of Craniofacial Surgery, 2016, 27, e673-e676.	0.7	2
40	Outpatient Alveolar Bone Grafting. Journal of Craniofacial Surgery, 2016, 27, 1661-1664.	0.7	7
41	Nasal Septal Anatomy in Skeletally Mature Patients With Cleft Lip and Palate. JAMA Facial Plastic Surgery, 2016, 18, 347-353.	2.1	33
42	Repair of a Critical Porcine Tibial Defect by Means of Allograft Revitalization. Plastic and Reconstructive Surgery, 2015, 136, 461e-473e.	1.4	17
43	A mimic of soft tissue infection: intra-arterial injection drug use producing hand swelling and digital ischemia. World Journal of Emergency Medicine, 2015, 6, 233.	1.0	2
44	Outcomes Analysis of Neonates Treated for Pierre Robin Sequence. Plastic and Reconstructive Surgery, 2014, 134, 7-8.	1.4	1
45	Cost Analysis of Mandibular Distraction versus Tracheostomy in Neonates with Pierre Robin Sequence. Otolaryngology - Head and Neck Surgery, 2014, 151, 811-818.	1.9	42
46	Bone Tissue Engineering by Way of Allograft Revitalization: Mechanistic and Mechanical Investigations Using a Porcine Model. Journal of Oral and Maxillofacial Surgery, 2014, 72, 1000.e1-1000.e11.	1.2	5
47	Anatomic study of full facial and scalp allografts without cutaneous facial scars. Journal of Plastic Surgery and Hand Surgery, 2013, 47, 1-4.	0.8	3
48	Membrane-Bound Steel Factor Maintains a High Local Concentration for Mouse Primordial Germ Cell Motility, and Defines the Region of Their Migration. PLoS ONE, 2011, 6, e25984.	2.5	28
49	Porcine Allograft Mandible Revitalization Using Autologous Adipose-Derived Stem Cells, Bone Morphogenetic Protein-2, and Periosteum. Plastic and Reconstructive Surgery, 2010, 125, 1372-1382.	1.4	30
50	The Vastus Intermedius Periosteal (VIP) Flap: A Novel Flap for Osteoinduction. Journal of Reconstructive Microsurgery, 2010, 26, 335-340.	1.8	9
51	Clinical Applications of Stem Cells in Craniofacial Surgery. Facial Plastic Surgery, 2010, 26, 385-395.	0.9	15
52	Endoscopically Assisted Le Fort III Osteotomy Using an Ultrasonic Scalpel. Journal of Craniofacial Surgery, 2009, 20, 2211-2214.	0.7	3
53	The distribution and behavior of extragonadal primordial germ cells in Bax mutant mice suggest a novel origin for sacrococcygeal germ cell tumors. International Journal of Developmental Biology, 2008, 52, 333-344.	0.6	49
54	Low-frequency ultrasound increases outer membrane permeability of Pseudomonas aeruginosa. Journal of General and Applied Microbiology, 2006, 52, 295-301.	0.7	76

#	ARTICLE	IF	CITATIONS
55	Steel factor controls midline cell death of primordial germ cells and is essential for their normal proliferation and migration. <i>Development (Cambridge)</i> , 2006, 133, 4861-4869.	2.5	184
56	Ultrasonically Enhanced Vancomycin Activity Against <i>Staphylococcus Epidermidis</i> Biofilms in Vivo. <i>Journal of Biomaterials Applications</i> , 2004, 18, 237-245.	2.4	85
57	Ultrasonic-enhanced gentamicin transport through colony biofilms of <i>Pseudomonas aeruginosa</i> and <i>Escherichia coli</i> . <i>Journal of Infection and Chemotherapy</i> , 2004, 10, 193-199.	1.7	103
58	Investigating the mechanism of acoustically activated uptake of drugs from Pluronic micelles. <i>BMC Cancer</i> , 2002, 2, 20.	2.6	48