

Alex A Kane

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2978958/publications.pdf>

Version: 2024-02-01

104
papers

3,471
citations

136950

32
h-index

155660

55
g-index

106
all docs

106
docs citations

106
times ranked

2396
citing authors

#	ARTICLE	IF	CITATIONS
1	Open Versus Minimally Invasive Approach for Craniosynostosis: Analysis of the National Surgical Quality Improvement Program-Pediatric. <i>Cleft Palate-Craniofacial Journal</i> , 2023, 60, 804-809.	0.9	2
2	Bio-Inspired Breastfeeding Simulator Integrated With Software Interface and Feedback Controls. <i>IEEE Robotics and Automation Letters</i> , 2022, 7, 1118-1125.	5.1	0
3	A Role for Artificial Intelligence in the Classification of Craniofacial Anomalies. <i>Journal of Craniofacial Surgery</i> , 2021, 32, 967-969.	0.7	10
4	Correction of Metopic Craniosynostosis Using Limited Incision Strip Craniectomy Versus Open Fronto-Orbital Reconstruction. <i>Journal of Craniofacial Surgery</i> , 2021, Publish Ahead of Print, 2768-2770.	0.7	3
5	Assessing outcomes of ear molding therapy by health care providers and convolutional neural network. <i>Scientific Reports</i> , 2021, 11, 17875.	3.3	7
6	Classification of Craniosynostosis Images by Vigilant Feature Extraction. <i>Transactions on Computational Science and Computational Intelligence</i> , 2021, , 293-306.	0.3	1
7	Progressive Postnatal Pansynostosis in Crouzon Syndrome. <i>Journal of Craniofacial Surgery</i> , 2021, 32, e62-e64.	0.7	1
8	Comparison of Head Shape Outcomes in Metopic Synostosis Using Limited Strip Craniectomy and Open Vault Reconstruction Techniques. <i>Cleft Palate-Craniofacial Journal</i> , 2021, 58, 669-677.	0.9	7
9	Flesh-Colored Papule in the Nose of a Child. , 2021, 108, E18-E20.		1
10	Longitudinal composite 3D faces and facial growth trends in children 6â€“11 years of age using 3D cephalometric surface imaging. <i>Annals of Human Biology</i> , 2021, 48, 540-549.	1.0	3
11	Kinematic Analysis of Smiles in the Healthy Pediatric Population Using 3-Dimensional Motion Capture. <i>Cleft Palate-Craniofacial Journal</i> , 2020, 57, 430-437.	0.9	5
12	The Use of Eye Tracking to Discern the Threshold at Which Metopic Orbitofrontal Deformity Attracts Attention. <i>Cleft Palate-Craniofacial Journal</i> , 2020, 57, 1392-1401.	0.9	3
13	Digital Images in Academic Plastic Surgery: A Novel and Secure Methodology for Use in Clinical Practice and Research. <i>Cleft Palate-Craniofacial Journal</i> , 2019, 56, 552-555.	0.9	8
14	Quantifying normal head form and craniofacial asymmetry of elementary school students in Taiwan. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2019, 72, 2033-2040.	1.0	5
15	Workflow and Strategies for Recruitment and Retention in Longitudinal 3D Craniofacial Imaging Study. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4438.	2.6	1
16	Identifying Three-Dimensional Facial Fluctuating Asymmetry in Normal Pediatric Individuals: A Panel Assessment Outcome Study of Clinicians and Observers. <i>Journal of Clinical Medicine</i> , 2019, 8, 648.	2.4	14
17	Giant Congenital Melanocytic Nevus Treated With Trametinib. <i>Pediatrics</i> , 2019, 143, .	2.1	38
18	Eye Tracking as a Proxy for Perceptual Evaluation of Repaired Cleft Lip. <i>Journal of Craniofacial Surgery</i> , 2019, 30, 395-399.	0.7	17

#	ARTICLE	IF	CITATIONS
19	Early Pediatric Nasal Reconstruction Utilizing the Tagliacozzi Flap. <i>Journal of Craniofacial Surgery</i> , 2019, 30, 2073-2075.	0.7	4
20	Molding Helmet Therapy for Deformational Brachycephaly. <i>Journal of Craniofacial Surgery</i> , 2019, 30, 1756-1759.	0.7	8
21	Identifying Ear Abnormality from 2D Photographs Using Convolutional Neural Networks. <i>Scientific Reports</i> , 2019, 9, 18198.	3.3	27
22	Non-Radiographic Severity Measurement of Pectus Excavatum. <i>Journal of Surgical Research</i> , 2019, 233, 376-380.	1.6	9
23	Three-Dimensional Printing for Craniofacial Surgery: A Single Institution's 5-Year Experience. <i>Cleft Palate-Craniofacial Journal</i> , 2019, 56, 729-734.	0.9	13
24	Phacomatosis Pigmentovascularis: Simple Presentation of a Not So Simple Dermatological Condition. <i>Clinical Pediatrics</i> , 2019, 58, 485-487.	0.8	3
25	Quantifying Normal Craniofacial Form and Baseline Craniofacial Asymmetry in the Pediatric Population. <i>Plastic and Reconstructive Surgery</i> , 2018, 141, 380e-387e.	1.4	28
26	Comparison of an unsupervised machine learning algorithm and surgeon diagnosis in the clinical differentiation of metopic craniosynostosis and benign metopic ridge. <i>Scientific Reports</i> , 2018, 8, 6312.	3.3	25
27	3D-Printed Models of Cleft Lip and Palate for Surgical Training and Patient Education. <i>Cleft Palate-Craniofacial Journal</i> , 2018, 55, 323-327.	0.9	28
28	An Appraisal of the Cephalic Index in Sagittal Craniosynostosis, and the Unseen Third Dimension. <i>Plastic and Reconstructive Surgery</i> , 2018, 141, 459e.	1.4	1
29	Image Based Detection of Craniofacial Abnormalities using Feature Extraction by Classical Convolutional Neural Network. , 2018, , .		8
30	Improving the accuracy of automated cleft speech evaluation. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2018, 46, 2022-2026.	1.7	1
31	Craniofacial Flash: Minimizing Radiation Dose in Pediatric Craniofacial Computed Tomography. <i>Journal of Craniofacial Surgery</i> , 2018, 29, 1751-1754.	0.7	6
32	Liquid Latex Molding: A Novel Application of 3D Printing to Facilitate Flap Design. <i>Cleft Palate-Craniofacial Journal</i> , 2017, 54, 453-456.	0.9	8
33	Ionizing Radiation in Craniofacial Surgery: A Primer on Dose and Risks. <i>Cleft Palate-Craniofacial Journal</i> , 2017, 54, 446-452.	0.9	6
34	Diagnostic Yield of Routine Skull Radiographs in Infants with Deformational Plagiocephaly. <i>Cleft Palate-Craniofacial Journal</i> , 2017, 54, 497-501.	0.9	5
35	Salvage of postcranioplasty implant exposure using free tissue transfer. <i>Head and Neck</i> , 2017, 39, 1655-1661.	2.0	18
36	Automated cleft speech evaluation using speech recognition. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2017, 45, 1268-1271.	1.7	6

#	ARTICLE	IF	CITATIONS
37	Three-dimensional changes in head shape after extended sagittal strip craniectomy with wedge osteotomies and helmet therapy. <i>Journal of Neurosurgery: Pediatrics</i> , 2017, 19, 684-689.	1.3	21
38	Dynamic facial asymmetry in patients with repaired cleft lip using 4D imaging (video) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (ster	1.7	37
39	One hundred consecutive endoscopic repairs of sagittal craniosynostosis: an evolution in care. <i>Journal of Neurosurgery: Pediatrics</i> , 2017, 20, 410-418.	1.3	29
40	The role of Nasoalveolar molding: A 3D Prospective analysis. <i>Scientific Reports</i> , 2017, 7, 9901.	3.3	26
41	Metopic â€œridgeâ€™ vs. â€œcraniosynostosisâ€™: Quantifying severity with 3D curvature analysis. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2016, 44, 1259-1265.	1.7	23
42	Postural orientation and equilibrium processes associated with increased postural sway in autism spectrum disorder (ASD). <i>Journal of Neurodevelopmental Disorders</i> , 2016, 8, 43.	3.1	27
43	Objective and subjective image evaluation of maxillary alveolar bone based on cone beam computed tomography exposure parameters. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2016, 121, 557-565.	0.4	12
44	Neosuture formation after endoscope-assisted craniosynostosis repair. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 18, 196-200.	1.3	13
45	Improving the Evaluation of Alveolar Bone Grafts with Cone Beam Computerized Tomography. <i>Cleft Palate-Craniofacial Journal</i> , 2016, 53, 57-63.	0.9	16
46	Characterization of complications associated with open and endoscopic craniosynostosis surgery at a single institution. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 17, 361-370.	1.3	77
47	Diagnostic Yield of Cervical Radiographs in Infants with Deformational Plagiocephaly. <i>Plastic and Reconstructive Surgery</i> , 2015, 136, 208e-213e.	1.4	2
48	The Effects of Whole-Vault Cranioplasty versus Strip Craniectomy on Long-Term Neuropsychological Outcomes in Sagittal Craniosynostosis. <i>Plastic and Reconstructive Surgery</i> , 2015, 136, 114e-115e.	1.4	6
49	A comparison of costs associated with endoscope-assisted craniectomy versus open cranial vault repair for infants with sagittal synostosis. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 13, 324-331.	1.3	64
50	Endoscopic-assisted Treatment of Sagittal Craniosynostosis and Calcified Cephalohematoma. <i>Journal of Craniofacial Surgery</i> , 2014, 25, 2127-2129.	0.7	5
51	Delayed Synostoses of Uninvolved Sutures After Surgical Treatment of Nonsyndromic Craniosynostosis. <i>Journal of Craniofacial Surgery</i> , 2014, 25, 119-123.	0.7	28
52	Assessing Long-Term Outcomes of Open and Endoscopic Sagittal Synostosis Reconstruction Using Three-Dimensional Photography. <i>Journal of Craniofacial Surgery</i> , 2014, 25, 573-576.	0.7	53
53	Discussion. <i>Plastic and Reconstructive Surgery</i> , 2013, 132, 623-625.	1.4	5
54	Differences in Treatment of Spitz Nevi and Atypical Spitz Tumors in Pediatric Patients Among Dermatologists and Plastic Surgeons. <i>JAMA Dermatology</i> , 2013, 149, 1348.	4.1	19

#	ARTICLE	IF	CITATIONS
55	Videofluoroscopic and Nasendoscopic Correlates of Speech in Velopharyngeal Dysfunction. <i>Cleft Palate-Craniofacial Journal</i> , 2011, 48, 550-560.	0.9	32
56	Automated quantification and analysis of facial asymmetry in children with arthritis in the temporomandibular joint. , 2011, , .		2
57	Endoscopically assisted versus open repair of sagittal craniosynostosis: the St. Louis Children's Hospital experience. <i>Journal of Neurosurgery: Pediatrics</i> , 2011, 8, 165-170.	1.3	134
58	CranioBank: An Online Collection of Three-Dimensional Normative Craniofacial Images. <i>Plastic and Reconstructive Surgery</i> , 2010, 126, 70e-72e.	1.4	14
59	New insights into the relationship between suture closure and craniofacial dysmorphology in sagittal nonsyndromic craniosynostosis. <i>Journal of Anatomy</i> , 2010, 217, 85-96.	1.5	52
60	Neonatal Outcomes of Pierre Robin Sequence: An Institutional Experience. <i>Clinical Pediatrics</i> , 2010, 49, 1117-1122.	0.8	30
61	Helmet Versus Active Repositioning for Plagiocephaly: A Three-Dimensional Analysis. <i>Pediatrics</i> , 2010, 126, e936-e945.	2.1	113
62	Comparison of perceptions and treatment practices between neurosurgeons and plastic surgeons for infants with deformational plagiocephaly. <i>Journal of Neurosurgery: Pediatrics</i> , 2010, 5, 368-374.	1.3	15
63	A Survey of Cleft Team Patient Experience in Obtaining Dental Care. <i>Cleft Palate-Craniofacial Journal</i> , 2009, 46, 444-447.	0.9	4
64	Le Premier SiÃ©cle. <i>Journal of Craniofacial Surgery</i> , 2009, 20, 801-806.	0.7	11
65	Ellipsoid Analysis of Calvarial Shape. <i>Cleft Palate-Craniofacial Journal</i> , 2009, 46, 487-493.	0.9	1
66	Neurologic Findings in Infants With Deformational Plagiocephaly. <i>Journal of Child Neurology</i> , 2008, 23, 742-747.	1.4	51
67	Comparative Osseous and Soft Tissue Morphology following Cleft Lip Repair. <i>Cleft Palate-Craniofacial Journal</i> , 2008, 45, 511-517.	0.9	14
68	Functional Neuroanatomy of Lexical Processing in Children with Cleft Lip and Palate. <i>Plastic and Reconstructive Surgery</i> , 2008, 122, 1371-1382.	1.4	49
69	Preoperative Osseous Dysmorphology in Unilateral Complete Cleft Lip and Palate: A Quantitative Analysis of Computed Tomography Data. <i>Plastic and Reconstructive Surgery</i> , 2007, 119, 1295-1301.	1.4	24
70	Treatment of Giant Omphalocele with Intraabdominal Tissue Expansion. <i>Plastic and Reconstructive Surgery</i> , 2007, 120, 1564-1567.	1.4	14
71	Identifying Reproducible Patterns of Calvarial Dysmorphology in Nonsyndromic Sagittal Craniosynostosis May Affect Operative Intervention and Outcomes Assessment. <i>Plastic and Reconstructive Surgery</i> , 2007, 119, 1546-1552.	1.4	27
72	Isolated sagittal and coronal craniosynostosis associated with TWIST box mutations. <i>American Journal of Medical Genetics, Part A</i> , 2007, 143A, 678-686.	1.2	95

#	ARTICLE	IF	CITATIONS
73	Atypical Fibroxanthoma in a Child Without Xeroderma Pigmentosum. <i>Pediatric Dermatology</i> , 2007, 24, 450-452.	0.9	10
74	Mucoepidermoid Carcinoma on the Scalp of a Child. <i>Pediatric Dermatology</i> , 2007, 24, 452-453.	0.9	14
75	A Statistical Model of Head Asymmetry in Infants with Deformational Plagiocephaly. <i>Lecture Notes in Computer Science</i> , 2007, , 898-907.	1.3	14
76	Management of giant omphalocele with rapid creation of abdominal domain. <i>Journal of Pediatric Surgery</i> , 2006, 41, 704-709.	1.6	43
77	Anthropometric Precision and Accuracy of Digital Three-Dimensional Photogrammetry. <i>Journal of Craniofacial Surgery</i> , 2006, 17, 477-483.	0.7	276
78	Long-Term Osseous Morphologic Outcome of Surgically Treated Unilateral Coronal Craniosynostosis. <i>Plastic and Reconstructive Surgery</i> , 2006, 117, 929-935.	1.4	35
79	The Pittsburgh Oral-Facial Cleft Study: Expanding the Cleft Phenotype. Background and Justification. <i>Cleft Palate-Craniofacial Journal</i> , 2006, 43, 7-20.	0.9	94
80	Phenotypic integration of neurocranium and brain. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2006, 306B, 360-378.	1.3	143
81	Speech, Cognitive, and Behavioral Outcomes in Nonsyndromic Craniosynostosis. <i>Plastic and Reconstructive Surgery</i> , 2005, 116, 400-407.	1.4	169
82	Relationship of brain and skull in pre- and postoperative sagittal synostosis. <i>Journal of Anatomy</i> , 2005, 206, 373-385.	1.5	73
83	Os parietale divisum. <i>Clinical Anatomy</i> , 2005, 18, 452-456.	2.7	14
84	Brain morphology in nonsyndromic unicoronal craniosynostosis. <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , 2005, 285A, 690-698.	2.0	64
85	A Novel Management for Calcifying Cephalohematoma. <i>Plastic and Reconstructive Surgery</i> , 2004, 113, 1404-1409.	1.4	17
86	Accuracy in Identification of Patients with 22q11.2 Deletion by Likely Care Providers Using Facial Photographs. <i>Plastic and Reconstructive Surgery</i> , 2004, 114, 1367-1372.	1.4	13
87	Coronal Ring Involvement in Patients Treated for Unilateral Coronal Craniosynostosis. <i>Plastic and Reconstructive Surgery</i> , 2004, 114, 1695-1703.	1.4	34
88	An Overview of Craniosynostosis. <i>Journal of Prosthetics and Orthotics</i> , 2004, 16, S50-S55.	0.4	7
89	Simultaneous Reconstruction of the Secondary Bilateral Cleft Lip and Nasal Deformity: AbbÃ© Flap Revisited. <i>Plastic and Reconstructive Surgery</i> , 2003, 112, 1219-1227.	1.4	42
90	A New Method for the Study of Velopharyngeal Function Using Gated Magnetic Resonance Imaging. <i>Plastic and Reconstructive Surgery</i> , 2002, 109, 472-481.	1.4	53

#	ARTICLE	IF	CITATIONS
91	Effect of Distraction Osteogenesis of the Mandible on Upper Airway Volume and Resistance in Children with Micrognathia. <i>Plastic and Reconstructive Surgery</i> , 2002, 109, 1809-1818.	1.4	64
92	A Cephalometric Study of Facial Growth in van der Woude Syndrome. <i>Cleft Palate-Craniofacial Journal</i> , 2002, 39, 219-225.	0.9	14
93	The Craniofacial Anomalies Archive at St. Louis Children's Hospital: 20 Years of Craniofacial Imaging Experience. <i>Plastic and Reconstructive Surgery</i> , 2001, 108, 1862-1870.	1.4	31
94	Plasticity of the Endocranial Base in Nonsyndromic Craniosynostosis. <i>Plastic and Reconstructive Surgery</i> , 2001, 108, 294-301.	1.4	29
95	The Course of the Inferior Alveolar Nerve in the Normal Human Mandibular Ramus and in Patients Presenting for Cosmetic Reduction of the Mandibular Angles. <i>Plastic and Reconstructive Surgery</i> , 2000, 106, 1162-1174.	1.4	35
96	Quantification of Osseous Facial Dysmorphology in Untreated Unilateral Coronal Synostosis. <i>Plastic and Reconstructive Surgery</i> , 2000, 106, 251-258.	1.4	26
97	Long-Term Outcome of Cleft Lip Nasal Reconstruction in Childhood. <i>Plastic and Reconstructive Surgery</i> , 2000, 105, 1600-1608.	1.4	54
98	Endocranial Capacity in an Early Hominid Cranium from Sterkfontein, South Africa. <i>Science</i> , 1998, 280, 1730-1731.	12.6	99
99	Relationship between Bone and Muscles of Mastication in Hemifacial Microsomia. <i>Plastic and Reconstructive Surgery</i> , 1997, 99, 990-997.	1.4	70
100	Orbital Dysmorphology in Unilateral Coronal Synostosis. <i>Cleft Palate-Craniofacial Journal</i> , 1996, 33, 190-197.	0.9	34
101	Mandibular Dysmorphology in Unicoronal Synostosis and Plagiocephaly without Synostosis. <i>Cleft Palate-Craniofacial Journal</i> , 1996, 33, 418-423.	0.9	41
102	Mandibular Dysmorphology in Unicoronal Synostosis and Plagiocephaly without Synostosis. <i>Cleft Palate-Craniofacial Journal</i> , 1996, 33, 418-423.	0.9	41
103	Orbital Dysmorphology in Unilateral Coronal Synostosis. <i>Cleft Palate-Craniofacial Journal</i> , 1996, 33, 190-197.	0.9	42
104	Observations on a Recent Increase in Plagiocephaly Without Synostosis. <i>Pediatrics</i> , 1996, 97, 877-885.	2.1	276