

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	Anthropometric Precision and Accuracy of Digital Three-Dimensional Photogrammetry. <i>Journal of Craniofacial Surgery</i> , 2006, 17, 477-483.	0.7	276
2	Observations on a Recent Increase in Plagiocephaly Without Synostosis. <i>Pediatrics</i> , 1996, 97, 877-885.	2.1	276
3	Speech, Cognitive, and Behavioral Outcomes in Nonsyndromic Craniosynostosis. <i>Plastic and Reconstructive Surgery</i> , 2005, 116, 400-407.	1.4	169
4	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
5	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
6	Helmet Versus Active Repositioning for Plagiocephaly: A Three-Dimensional Analysis. <i>Pediatrics</i> , 2010, 126, e936-e945.	2.1	113
7	Endocranial Capacity in an Early Hominid Cranium from Sterkfontein, South Africa. <i>Science</i> , 1998, 280, 1730-1731.	12.6	99
8	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
9	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
10	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
11	Relationship of brain and skull in pre- and postoperative sagittal synostosis. <i>Journal of Anatomy</i> , 2005, 206, 373-385.	1.5	73
12	Relationship between Bone and Muscles of Mastication in Hemifacial Microsomia. <i>Plastic and Reconstructive Surgery</i> , 1997, 99, 990-997.	1.4	70
13	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
14	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
15	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
16	Long-Term Outcome of Cleft Lip Nasal Reconstruction in Childhood. <i>Plastic and Reconstructive Surgery</i> , 2000, 105, 1600-1608.	1.4	54
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Neurologic Findings in Infants With Deformational Plagiocephaly. <i>Journal of Child Neurology</i> , 2008, 23, 742-747.	1.4	51
21	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
22	Management of giant omphalocele with rapid creation of abdominal domain. <i>Journal of Pediatric Surgery</i> , 2006, 41, 704-709.	1.6	43
23	Orbital Dysmorphology in Unilateral Coronal Synostosis. <i>Cleft Palate-Craniofacial Journal</i> , 1996, 33, 190-197.	0.9	42
24	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
25	Mandibular Dysmorphology in Unicoronal Synostosis and Plagiocephaly without Synostosis. <i>Cleft Palate-Craniofacial Journal</i> , 1996, 33, 418-423.	0.9	41
26	Mandibular Dysmorphology in Unicoronal Synostosis and Plagiocephaly without Synostosis. <i>Cleft Palate-Craniofacial Journal</i> , 1996, 33, 418-423.	0.9	41
27	Giant Congenital Melanocytic Nevus Treated With Trametinib. <i>Pediatrics</i> , 2019, 143, .	2.1	38
28	Dynamic facial asymmetry in patients with repaired cleft lip using 4D imaging (video) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (ster	1.7	37
29	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
30	Long-Term Osseous Morphologic Outcome of Surgically Treated Unilateral Coronal Craniosynostosis. <i>Plastic and Reconstructive Surgery</i> , 2006, 117, 929-935.	1.4	35
31	Orbital Dysmorphology in Unilateral Coronal Synostosis. <i>Cleft Palate-Craniofacial Journal</i> , 1996, 33, 190-197.	0.9	34
32	Coronal Ring Involvement in Patients Treated for Unilateral Coronal Craniosynostosis. <i>Plastic and Reconstructive Surgery</i> , 2004, 114, 1695-1703.	1.4	34
33	Videofluoroscopic and Nasendoscopic Correlates of Speech in Velopharyngeal Dysfunction. <i>Cleft Palate-Craniofacial Journal</i> , 2011, 48, 550-560.	0.9	32
34	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
35	Neonatal Outcomes of Pierre Robin Sequence: An Institutional Experience. <i>Clinical Pediatrics</i> , 2010, 49, 1117-1122.	0.8	30
36	Plasticity of the Endocranial Base in Nonsyndromic Craniosynostosis. <i>Plastic and Reconstructive Surgery</i> , 2001, 108, 294-301.	1.4	29

#	ARTICLE	IF	CITATIONS
37	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
38	Delayed Synostoses of Uninvolved Sutures After Surgical Treatment of Nonsyndromic Craniosynostosis. <i>Journal of Craniofacial Surgery</i> , 2014, 25, 119-123.	0.7	28
39	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
40	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
41	Identifying Reproducible Patterns of Calvarial Dymorphology in Nonsyndromic Sagittal Craniosynostosis May Affect Operative Intervention and Outcomes Assessment. <i>Plastic and Reconstructive Surgery</i> , 2007, 119, 1546-1552.	1.4	27
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	Identifying Ear Abnormality from 2D Photographs Using Convolutional Neural Networks. <i>Scientific Reports</i> , 2019, 9, 18198.	3.3	27
44	Quantification of Osseous Facial Dymorphology in Untreated Unilateral Coronal Synostosis. <i>Plastic and Reconstructive Surgery</i> , 2000, 106, 251-258.	1.4	26
45	The role of Nasoalveolar molding: A 3D Prospective analysis. <i>Scientific Reports</i> , 2017, 7, 9901.	3.3	26
46	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
47	Preoperative Osseous Dymorphology 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
48	Metopic "ridge" vs. "craniosynostosis": Quantifying severity with 3D curvature analysis. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2016, 44, 1259-1265.	1.7	23
49	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
50	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
51	Salvage of postcranioplasty implant exposure using free tissue transfer. <i>Head and Neck</i> , 2017, 39, 1655-1661.	2.0	18
52	A Novel Management for Calcifying Cephalohematoma. <i>Plastic and Reconstructive Surgery</i> , 2004, 113, 1404-1409.	1.4	17
53	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
54	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

#	ARTICLE	IF	CITATIONS
55	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
56	A Cephalometric Study of Facial Growth in van der Woude Syndrome. <i>Cleft Palate-Craniofacial Journal</i> , 2002, 39, 219-225.	0.9	14
57	Os parietale divisum. <i>Clinical Anatomy</i> , 2005, 18, 452-456.	2.7	14
58	Treatment of Giant Omphalocele with Intraabdominal Tissue Expansion. <i>Plastic and Reconstructive Surgery</i> , 2007, 120, 1564-1567.	1.4	14
59	Mucoepidermoid Carcinoma on the Scalp of a Child. <i>Pediatric Dermatology</i> , 2007, 24, 452-453.	0.9	14
60	Comparative Osseous and Soft Tissue Morphology following Cleft Lip Repair. <i>Cleft Palate-Craniofacial Journal</i> , 2008, 45, 511-517.	0.9	14
61	Craniobank: An Online Collection of Three-Dimensional Normative Craniofacial Images. <i>Plastic and Reconstructive Surgery</i> , 2010, 126, 70e-72e.	1.4	14
62	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
63	A Statistical Model of Head Asymmetry in Infants with Deformational Plagiocephaly. <i>Lecture Notes in Computer Science</i> , 2007, , 898-907.	1.3	14
64	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
65	Neosuture formation after endoscope-assisted craniosynostosis repair. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 18, 196-200.	1.3	13
66	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
67	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
68	Le Premier Siècle. <i>Journal of Craniofacial Surgery</i> , 2009, 20, 801-806.	0.7	11
69	Atypical Fibroxanthoma in a Child Without Xeroderma Pigmentosum. <i>Pediatric Dermatology</i> , 2007, 24, 450-452.	0.9	10
70	A Role for Artificial Intelligence in the Classification of Craniofacial Anomalies. <i>Journal of Craniofacial Surgery</i> , 2021, 32, 967-969.	0.7	10
71	Non-Radiographic Severity Measurement of Pectus Excavatum. <i>Journal of Surgical Research</i> , 2019, 233, 376-380.	1.6	9
72	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

#	ARTICLE	IF	CITATIONS
73	Image Based Detection of Craniofacial Abnormalities using Feature Extraction by Classical Convolutional Neural Network. , 2018, , .		8
74	Digital Images in Academic Plastic Surgery: A Novel and Secure Methodology for Use in Clinical Practice and Research. Cleft Palate-Craniofacial Journal, 2019, 56, 552-555.	0.9	8
75	Molding Helmet Therapy for Deformational Brachycephaly. Journal of Craniofacial Surgery, 2019, 30, 1756-1759.	0.7	8
76	An Overview of Craniosynostosis. Journal of Prosthetics and Orthotics, 2004, 16, S50-S55.	0.4	7
77	Assessing outcomes of ear molding therapy by health care providers and convolutional neural network. Scientific Reports, 2021, 11, 17875.	3.3	7
78	Comparison of Head Shape Outcomes in Metopic Synostosis Using Limited Strip Craniectomy and Open Vault Reconstruction Techniques. Cleft Palate-Craniofacial Journal, 2021, 58, 669-677.	0.9	7
79	The Effects of Whole-Vault Cranioplasty versus Strip Craniectomy on Long-Term Neuropsychological Outcomes in Sagittal Craniosynostosis. Plastic and Reconstructive Surgery, 2015, 136, 114e-115e.	1.4	6
80	Ionizing Radiation in Craniofacial Surgery: A Primer on Dose and Risks. Cleft Palate-Craniofacial Journal, 2017, 54, 446-452.	0.9	6
81	Automated cleft speech evaluation using speech recognition. Journal of Cranio-Maxillo-Facial Surgery, 2017, 45, 1268-1271.	1.7	6
82	Craniofacial Flash: Minimizing Radiation Dose in Pediatric Craniofacial Computed Tomography. Journal of Craniofacial Surgery, 2018, 29, 1751-1754.	0.7	6
83	Discussion. Plastic and Reconstructive Surgery, 2013, 132, 623-625.	1.4	5
84	Endoscopic-assisted Treatment of Sagittal Craniosynostosis and Calcified Cephalohematoma. Journal of Craniofacial Surgery, 2014, 25, 2127-2129.	0.7	5
85	Diagnostic Yield of Routine Skull Radiographs in Infants with Deformational Plagiocephaly. Cleft Palate-Craniofacial Journal, 2017, 54, 497-501.	0.9	5
86	Quantifying normal head form and craniofacial asymmetry of elementary school students in Taiwan. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2019, 72, 2033-2040.	1.0	5
87	Kinematic Analysis of Smiles in the Healthy Pediatric Population Using 3-Dimensional Motion Capture. Cleft Palate-Craniofacial Journal, 2020, 57, 430-437.	0.9	5
88	A Survey of Cleft Team Patient Experience in Obtaining Dental Care. Cleft Palate-Craniofacial Journal, 2009, 46, 444-447.	0.9	4
89	Early Pediatric Nasal Reconstruction Utilizing the Tagliacozzi Flap. Journal of Craniofacial Surgery, 2019, 30, 2073-2075.	0.7	4
90	Phacomatosis Pigmentovascularis: Simple Presentation of a Not So Simple Dermatological Condition. Clinical Pediatrics, 2019, 58, 485-487.	0.8	3

#	ARTICLE	IF	CITATIONS
91	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
92	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
93	Longitudinal composite 3D faces and facial growth trends in children 6–11 years of age using 3D cephalometric surface imaging. <i>Annals of Human Biology</i> , 2021, 48, 540-549.	1.0	3
94	Automated quantification and analysis of facial asymmetry in children with arthritis in the temporomandibular joint. , 2011, , .		2
95	Diagnostic Yield of Cervical Radiographs in Infants with Deformational Plagiocephaly. <i>Plastic and Reconstructive Surgery</i> , 2015, 136, 208e-213e.	1.4	2
96	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
97	Ellipsoid Analysis of Calvarial Shape. <i>Cleft Palate-Craniofacial Journal</i> , 2009, 46, 487-493.	0.9	1
98	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
99	Improving the accuracy of automated cleft speech evaluation. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2018, 46, 2022-2026.	1.7	1
100	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
101	Classification of Craniosynostosis Images by Vigilant Feature Extraction. <i>Transactions on Computational Science and Computational Intelligence</i> , 2021, , 293-306.	0.3	1
102	Progressive Postnatal Pansynostosis in Crouzon Syndrome. <i>Journal of Craniofacial Surgery</i> , 2021, 32, e62-e64.	0.7	1
103	Flesh-Colored Papule in the Nose of a Child. , 2021, 108, E18-E20.		1
104	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