

# Rami R Hallac

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

744  
citations

567281

15  
h-index

552781

26  
g-index

42  
all docs

42  
docs citations

42  
times ranked

919  
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlations of noninvasive BOLD and TOLD MRI with pO <sub>2</sub> and relevance to tumor radiation response. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 1863-1873.	3.0	114
2	Viable and necrotic tumor assessment from whole slide images of osteosarcoma using machine-learning and deep-learning models. <i>PLoS ONE</i> , 2019, 14, e0210706.	2.5	83
3	Oxygenation in cervical cancer and normal uterine cervix assessed using blood oxygenation levelâ€dependent (BOLD) MRI at 3T. <i>NMR in Biomedicine</i> , 2012, 25, 1321-1330.	2.8	58
4	Dynamic oxygen challenge evaluated by NMR <i>&lt;i&gt;T&lt;/i&gt;&lt;sub&gt;1&lt;/sub&gt;</i> and <i>&lt;i&gt;T&lt;/i&gt;&lt;sub&gt;2&lt;/sub&gt;*</i> â€ insights into tumor oxygenation. <i>NMR in Biomedicine</i> , 2015, 28, 937-947.	2.8	45
5	Dynamic facial asymmetry in patients with repaired cleft lip using 4D imaging (video) Tj ETQq1 1 0.784314 rgBT /Oerlock 10 Tf 50 582 1.7 37	1.7	37
6	A noninvasive tumor oxygenation imaging strategy using magnetic resonance imaging of endogenous blood and tissue water. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 561-569.	3.0	29
7	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
8	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
9	Identifying Ear Abnormality from 2D Photographs Using Convolutional Neural Networks. <i>Scientific Reports</i> , 2019, 9, 18198.	3.3	27
10	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
11	Comparative Volume Analysis of Alveolar Defects by 3D Simulation. <i>Journal of Clinical Medicine</i> , 2019, 8, 1401.	2.4	24
12	Metopic â€ridgeâ€ vs. â€craniosynostosisâ€. Quantifying severity with 3D curvature analysis. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2016, 44, 1259-1265.	1.7	23
13	Incorporating Oxygen-Enhanced MRI into Multi-Parametric Assessment of Human Prostate Cancer. <i>Diagnostics</i> , 2017, 7, 48.	2.6	23
14	Three-dimensional changes in head shape after extended sagittal strip craniectomy with wedge ostectomies and helmet therapy. <i>Journal of Neurosurgery: Pediatrics</i> , 2017, 19, 684-689.	1.3	21
15	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
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	Three-Dimensional Printing for Craniofacial Surgery: A Single Institutionâ€™s 5-Year Experience. <i>Cleft Palate-Craniofacial Journal</i> , 2019, 56, 729-734.	0.9	13
18	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

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19	A role for dynamic contrast-enhanced magnetic resonance imaging in predicting tumour radiation response. <i>British Journal of Cancer</i> , 2016, 114, 1206-1211.	6.4	11
20	A Role for Artificial Intelligence in the Classification of Craniofacial Anomalies. <i>Journal of Craniofacial Surgery</i> , 2021, 32, 967-969.	0.7	10
21	Non-Radiographic Severity Measurement of Pectus Excavatum. <i>Journal of Surgical Research</i> , 2019, 233, 376-380.	1.6	9
22	Image Based Detection of Craniofacial Abnormalities using Feature Extraction by Classical Convolutional Neural Network. , 2018, , .		8
23	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
24	Molding Helmet Therapy for Deformational Brachycephaly. <i>Journal of Craniofacial Surgery</i> , 2019, 30, 1756-1759.	0.7	8
25	Three-Dimensional Analysis of Bilateral Cleft Lip and Palate Nasal Deformity. <i>Cleft Palate-Craniofacial Journal</i> , 2021, 58, 105-113.	0.9	8
26	Assessing outcomes of ear molding therapy by health care providers and convolutional neural network. <i>Scientific Reports</i> , 2021, 11, 17875.	3.3	7
27	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
28	Ionizing Radiation in Craniofacial Surgery: A Primer on Dose and Risks. <i>Cleft Palate-Craniofacial Journal</i> , 2017, 54, 446-452.	0.9	6
29	Craniofacial Flash: Minimizing Radiation Dose in Pediatric Craniofacial Computed Tomography. <i>Journal of Craniofacial Surgery</i> , 2018, 29, 1751-1754.	0.7	6
30	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
31	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
32	Analysis of Facial Movement in Repaired Unilateral Cleft Lip Using Three-Dimensional Motion Capture. <i>Journal of Craniofacial Surgery</i> , 2021, 32, 2074-2077.	0.7	5
33	Early Pediatric Nasal Reconstruction Utilizing the Tagliacozzi Flap. <i>Journal of Craniofacial Surgery</i> , 2019, 30, 2073-2075.	0.7	4
34	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
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	Three-Dimensional Treatment Outcomes of a Virtual Helmet Design Protocol for Sagittal Strip Craniectomy. <i>Plastic and Reconstructive Surgery</i> , 2021, 147, 436-443.	1.4	2
38	Anterior "W" Tongue Reduction for Macroglossia in Beckwith-Wiedemann Syndrome. <i>Cleft Palate-Craniofacial Journal</i> , 2021, , 105566562110366.	0.9	2
39	Three-Dimensional Motion Capture of a Smile in Repaired Unilateral Cleft Lip: What's Our Vector, Victor?. <i>Journal of Craniofacial Surgery</i> , 2022, 33, 469-474.	0.7	2
40	Classification of Craniosynostosis Images by Vigilant Feature Extraction. <i>Transactions on Computational Science and Computational Intelligence</i> , 2021, , 293-306.	0.3	1
41	Progressive Postnatal Pansynostosis in Crouzon Syndrome. <i>Journal of Craniofacial Surgery</i> , 2021, 32, e62-e64.	0.7	1
42	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