

# Sherwin S Chan

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

965  
citations

567281

15  
h-index

501196

28  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1119  
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational model of a primate arm: from hand position to joint angles, joint torques and muscle forces. <i>Journal of Neural Engineering</i> , 2006, 3, 327-337.	3.5	111
2	Motor Cortical Representation of Position and Velocity During Reaching. <i>Journal of Neurophysiology</i> , 2007, 97, 4258-4270.	1.8	107
3	Local field potential spectral tuning in motor cortex during reaching. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2006, 14, 180-183.	4.9	106
4	Bowel ultrasound for predicting surgical management of necrotizing enterocolitis: a systematic review and meta-analysis. <i>Pediatric Radiology</i> , 2018, 48, 658-666.	2.0	75
5	Diagnosis, grading, and treatment recommendations for children, adolescents, and young adults with sinusoidal obstructive syndrome: an international expert position statement. <i>Lancet Haematology</i> , 2020, 7, e61-e72.	4.6	56
6	ACR Appropriateness Criteria® Suspected Appendicitis-Child. <i>Journal of the American College of Radiology</i> , 2019, 16, S252-S263.	1.8	46
7	Bowel Ultrasound for the Diagnosis of Necrotizing Enterocolitis. <i>Ultrasound Quarterly</i> , 2018, 34, 113-118.	0.8	43
8	Using liver elastography to diagnose sinusoidal obstruction syndrome in pediatric patients undergoing hematopoietic stem cell transplant. <i>Bone Marrow Transplantation</i> , 2020, 55, 523-530.	2.4	36
9	Motor Cortical Representation of Hand Translation and Rotation during Reaching. <i>Journal of Neuroscience</i> , 2010, 30, 958-962.	3.6	35
10	Implementation of bowel ultrasound practice for the diagnosis and management of necrotising enterocolitis. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2021, 106, 96-103.	2.8	33
11	Abdominal ultrasound should become part of standard care for early diagnosis and management of necrotising enterocolitis: a narrative review. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2019, 104, F551-F559.	2.8	27
12	ACR Appropriateness Criteria® Developmental Dysplasia of the Hip-Child. <i>Journal of the American College of Radiology</i> , 2019, 16, S94-S103.	1.8	27
13	Imaging in Hepatic Veno-Occlusive Disease/Sinusoidal Obstruction Syndrome. <i>Biology of Blood and Marrow Transplantation</i> , 2020, 26, 1770-1779.	2.0	26
14	Ultrasound Elastography Applications in Pediatrics. <i>Ultrasound Quarterly</i> , 2018, 34, 199-205.	0.8	20
15	Multiple FDG-Avid Injection Site Granulomas Due to Lovenox Injection. <i>Clinical Nuclear Medicine</i> , 2014, 39, 308-311.	1.3	15
16	ACR Appropriateness Criteria® Acutely Limping Child Up To Age 5. <i>Journal of the American College of Radiology</i> , 2018, 15, S252-S262.	1.8	15
17	Large expert-curated database for benchmarking document similarity detection in biomedical literature search. <i>Database: the Journal of Biological Databases and Curation</i> , 2019, 2019, .	3.0	15
18	Pleuropulmonary Blastoma in Pediatric Lung Lesions. <i>Pediatrics</i> , 2021, 147, .	2.1	13

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19	Feasibility of and experience using a portable MRI scanner in the neonatal intensive care unit. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2023, 108, 45-50.	2.8	13
20	Safety issues related to intravenous contrast agent use in magnetic resonance imaging. Pediatric Radiology, 2021, 51, 736-747.	2.0	11
21	Role of magnetic resonance urography in pediatric renal fusion anomalies. Pediatric Radiology, 2017, 47, 1707-1720.	2.0	10
22	Clinical decision support: the role of ACR Appropriateness Criteria. Pediatric Radiology, 2019, 49, 479-485.	2.0	10
23	Efficacy of Weight Reduction on Pediatric Nonalcoholic Fatty Liver Disease: Opportunities to Improve Treatment Outcomes Through Pharmacotherapy. Frontiers in Endocrinology, 2021, 12, 663351.	3.5	10
24	ACR Appropriateness Criteria® Pneumonia in the Immunocompetent Child. Journal of the American College of Radiology, 2020, 17, S215-S225.	1.8	8
25	Not All Radiopaque Foreign Bodies Shadow on Ultrasound. Ultrasound Quarterly, 2014, 30, 306-309.	0.8	7
26	A Large Pelvic Soft Tissue Mass Implied by Subtle Bone Scan Findings. Clinical Nuclear Medicine, 2014, 39, 402-405.	1.3	7
27	ACR Appropriateness Criteria® Antenatal Hydronephrosisâ€œInfant. Journal of the American College of Radiology, 2020, 17, S367-S379.	1.8	6
28	ACR Appropriateness Criteria® Vomiting in Infants. Journal of the American College of Radiology, 2020, 17, S505-S515.	1.8	6
29	Are body surface area (BSA) based estimates of liver volume applicable to children with overweight or obesity? An inâ€œvivo validation study. Clinical and Translational Science, 2021, 14, 2008-2016.	3.1	6
30	Accuracy of Chest Computed Tomography in Distinguishing Cystic Pleuropulmonary Blastoma From Benign Congenital Lung Malformations in Children. JAMA Network Open, 2022, 5, e2219814.	5.9	6
31	The Sonographic Stenosis Index: A New Specific Quantitative Measure of Transplant Hepatic Arterial Stenosis. Journal of Ultrasound in Medicine, 2017, 36, 809-819.	1.7	5
32	Spectral Doppler Ultrasound Can Help Diagnose Children With Hepatic Sinusoidal Obstructive Syndrome After Hematopoietic Stem Cell Transplantation. Ultrasound Quarterly, 2020, 36, 6-14.	0.8	5
33	Components of a magnetic resonance imaging system and their relationship to safety and image quality. Pediatric Radiology, 2021, 51, 716-723.	2.0	5
34	The Sonographic Stenosis Index. Ultrasound Quarterly, 2013, 29, 155-160.	0.8	4
35	Repaired tetralogy of Fallot with coexisting unrepaired partial anomalous pulmonary venous connection is associated with diminished right ventricular ejection fraction and more severe right ventricular dilation. Pediatric Radiology, 2015, 45, 1465-1471.	2.0	4
36	ACR Appropriateness Criteria® Hematuria-Child. Journal of the American College of Radiology, 2018, 15, S91-S103.	1.8	4

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37	Clinical decision support: practical implementation at two pediatric hospitals. <i>Pediatric Radiology</i> , 2019, 49, 486-492.	2.0	4
38	Inter-rater Reliability of Sacral Ratio Measurements in Patients with Anorectal Malformations. <i>Journal of Surgical Research</i> , 2020, 256, 272-281.	1.6	4
39	ACR Appropriateness Criteria® Osteomyelitis or Septic Arthritis-Child (Excluding Axial Skeleton). <i>Journal of the American College of Radiology</i> , 2022, 19, S121-S136.	1.8	4
40	Feasibility and acceptability of a diagnostic randomized clinical trial of bowel ultrasound in infants with suspected necrotizing enterocolitis. <i>European Journal of Pediatrics</i> , 2022, 181, 3211-3215.	2.7	4
41	Non-contrast magnetic resonance angiography/venography techniques: what are my options?. <i>Pediatric Radiology</i> , 2022, 52, 271-284.	2.0	3
42	Critical need for pharmacologic treatment options in NAFLD: A pediatric perspective. <i>Clinical and Translational Science</i> , 2021, 14, 781-783.	3.1	3
43	Imaging for Diagnosis and Assessment of Necrotizing Enterocolitis. , 2022, 1, 182-189.		3
44	Pediatric Esophageal Foreign Body. <i>Pediatric Emergency Care</i> , 2018, Publish Ahead of Print, 208-212.	0.9	2
45	Construction of an Anthropomorphic Phantom for Use in Evaluating Pediatric Airway Digital Tomosynthesis Protocols. <i>Radiology Research and Practice</i> , 2018, 2018, 1-9.	1.3	2
46	A Deep Learning Based Suggested Model to Detect Necrotising Enterocolitis in Abdominal Radiography Images. , 2019, , .		2
47	Lyme Arthritis. <i>Pediatric Emergency Care</i> , 2015, 31, 680-681.	0.9	1
48	Pediatric Liver Ultrasound Elastography. <i>Journal of Radiology Nursing</i> , 2019, 38, 250-253.	0.4	0
49	Automated Prediction of Hepatic Arterial Stenosis. <i>AMIA Summits on Translational Science Proceedings</i> , 2017, 2017, 58-65.	0.4	0
50	Digital Tomosynthesis Applications in Pediatric Orthopedic Imaging: A Case Series. <i>Missouri Medicine</i> , 2018, 115, 344-348.	0.3	0
51	Identification of aspirated radiolucent foreign bodies in the pediatric airway using digital tomosynthesis: a multireader phantom study. <i>Journal of Medical Imaging</i> , 2020, 7, .	1.5	0
52	ACR Appropriateness Criteria® Crohn Disease-Child. <i>Journal of the American College of Radiology</i> , 2022, 19, S19-S36.	1.8	0