

# Susan C Shelmerdine

## List of Publications by Citations

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**Version:** 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

87  
papers

714  
citations

15  
h-index

22  
g-index

94  
ext. papers

1,036  
ext. citations

3.9  
avg, IF

4.49  
L-index

#	Paper	IF	Citations
87	Effects of ivacaftor in patients with cystic fibrosis who carry the G551D mutation and have severe lung disease. <i>Chest</i> , <b>2014</b> , 146, 152-158	5.3	68
86	Stresses and strains on the human fetal skeleton during development. <i>Journal of the Royal Society Interface</i> , <b>2018</b> , 15,	4.1	35
85	Coronavirus disease 2019 (COVID-19) in children: a systematic review of imaging findings. <i>Pediatric Radiology</i> , <b>2020</b> , 50, 1217-1230	2.8	32
84	Filamin A (FLNA) mutation-A newcomer to the childhood interstitial lung disease (ChILD) classification. <i>Pediatric Pulmonology</i> , <b>2017</b> , 52, 1306-1315	3.5	31
83	Thoracic imaging of coronavirus disease 2019 (COVID-19) in children: a series of 91 cases. <i>Pediatric Radiology</i> , <b>2020</b> , 50, 1354-1368	2.8	31
82	Early clinical applications for imaging at microscopic detail: microfocus computed tomography (micro-CT). <i>British Journal of Radiology</i> , <b>2017</b> , 90, 20170113	3.4	28
81	Postmortem microfocus computed tomography for early gestation fetuses: a validation study against conventional autopsy. <i>American Journal of Obstetrics and Gynecology</i> , <b>2018</b> , 218, 445.e1-445.e12	6.4	28
80	MRI of paediatric liver tumours: How we review and report. <i>Cancer Imaging</i> , <b>2016</b> , 16, 21	5.6	23
79	Chest radiographs versus CT for the detection of rib fractures in children (DRIFT): a diagnostic accuracy observational study. <i>The Lancet Child and Adolescent Health</i> , <b>2018</b> , 2, 802-811	14.5	23
78	Liver MR Imaging in Children: Current Concepts and Technique. <i>Radiographics</i> , <b>2016</b> , 36, 1517-32	5.4	21
77	3D printing from microfocus computed tomography (micro-CT) in human specimens: education and future implications. <i>British Journal of Radiology</i> , <b>2018</b> , 91, 20180306	3.4	20
76	Pearls and Pitfalls in Diagnosing Pediatric Urinary Bladder Masses. <i>Radiographics</i> , <b>2017</b> , 37, 1872-1891	5.4	19
75	Postmortem examination of human fetuses: comparison of two-dimensional ultrasound with invasive autopsy. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2019</b> , 53, 229-238	5.8	17
74	Altered biomechanical stimulation of the developing hip joint in presence of hip dysplasia risk factors. <i>Journal of Biomechanics</i> , <b>2018</b> , 78, 1-9	2.9	16
73	Is traditional perinatal autopsy needed after detailed fetal ultrasound and post-mortem MRI?. <i>Prenatal Diagnosis</i> , <b>2019</b> , 39, 818-829	3.2	15
72	Imaging findings of multisystem inflammatory syndrome in children associated with COVID-19. <i>Pediatric Radiology</i> , <b>2021</b> , 51, 1608-1620	2.8	13
71	Minimally invasive perinatal and pediatric autopsy with laparoscopically assisted tissue sampling: feasibility and experience of the MinImAL procedure. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2019</b> , 54, 661-669	5.8	13

70	Joint European Society of Paediatric Radiology (ESPR) and International Society for Forensic Radiology and Imaging (ISFRI) guidelines: paediatric postmortem computed tomography imaging protocol. <i>Pediatric Radiology</i> , <b>2019</b> , 49, 694-701	2.8	11
69	Management strategies for children with COVID-19: ESPR practical recommendations. <i>Pediatric Radiology</i> , <b>2020</b> , 50, 1313-1323	2.8	11
68	Presentation to publication: proportion of abstracts published for ESPR, SPR and IPR. <i>Pediatric Radiology</i> , <b>2016</b> , 46, 1371-7	2.8	11
67	Latest developments in post-mortem foetal imaging. <i>Prenatal Diagnosis</i> , <b>2020</b> , 40, 28-37	3.2	11
66	Diagnostic assessment of foetal brain malformations with intra-uterine MRI versus perinatal post-mortem MRI. <i>Neuroradiology</i> , <b>2019</b> , 61, 921-934	3.2	10
65	Imaging assessment of children presenting with suspected or known juvenile idiopathic arthritis: ESSR-ESPR points to consider. <i>European Radiology</i> , <b>2020</b> , 30, 5237-5249	8	10
64	Post-mortem magnetic resonance (PMMR) imaging of the brain in fetuses and children with histopathological correlation. <i>Clinical Radiology</i> , <b>2017</b> , 72, 1025-1037	2.9	10
63	Perinatal post-mortem ultrasound (PMUS): radiological-pathological correlation. <i>Insights Into Imaging</i> , <b>2019</b> , 10, 81	5.6	9
62	Feasibility of INTACT (INCisionless TARgeted Core Tissue) biopsy procedure for perinatal autopsy. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2020</b> , 55, 667-675	5.8	9
61	Postmortem microfocus computed tomography for noninvasive autopsies: experience in >250 human fetuses. <i>American Journal of Obstetrics and Gynecology</i> , <b>2021</b> , 224, 103.e1-103.e15	6.4	9
60	Imaging of the hip in juvenile idiopathic arthritis. <i>Pediatric Radiology</i> , <b>2018</b> , 48, 811-817	2.8	9
59	Perinatal post mortem ultrasound (PMUS): a practical approach. <i>Insights Into Imaging</i> , <b>2019</b> , 10, 35	5.6	8
58	Automated data extraction and report analysis in computer-aided radiology audit: practice implications from post-mortem paediatric imaging. <i>Clinical Radiology</i> , <b>2019</b> , 74, 733.e11-733.e18	2.9	8
57	Bone age for chronological age determination - statement of the European Society of Paediatric Radiology musculoskeletal task force group. <i>Pediatric Radiology</i> , <b>2019</b> , 49, 979-982	2.8	7
56	Novel usage of microfocus computed tomography (micro-CT) for visualisation of human embryonic development-Implications for future non-invasive post-mortem investigation. <i>Prenatal Diagnosis</i> , <b>2018</b> , 38, 538-542	3.2	7
55	Post-Mortem Magnetic Resonance Imaging Appearances of Feticide in Perinatal Deaths. <i>Fetal Diagnosis and Therapy</i> , <b>2019</b> , 45, 221-229	2.4	7
54	Maceration determines diagnostic yield of fetal and neonatal whole body post-mortem ultrasound. <i>Prenatal Diagnosis</i> , <b>2020</b> , 40, 232-243	3.2	7
53	Achondroplasia: Really rhizomelic?. <i>American Journal of Medical Genetics, Part A</i> , <b>2016</b> , 170, 2039-43	2.5	7

52	Imaging of late complications of cancer therapy in children. <i>Pediatric Radiology</i> , <b>2017</b> , 47, 254-266	2.8	6
51	Diagnostic Accuracy of Postmortem CT of Children: A Retrospective Single-Center Study. <i>American Journal of Roentgenology</i> , <b>2019</b> , 1-13	5.4	6
50	Who are we missing? Too few skeletal surveys for children with humeral and femoral fractures. <i>Clinical Radiology</i> , <b>2014</b> , 69, e512-6	2.9	6
49	Finite element modelling of the developing infant femur using paired CT and MRI scans. <i>PLoS ONE</i> , <b>2019</b> , 14, e0218268	3.7	5
48	The use of whole body diffusion-weighted post-mortem magnetic resonance imaging in timing of perinatal deaths. <i>International Journal of Legal Medicine</i> , <b>2018</b> , 132, 1735-1741	3.1	5
47	Characterization of Bardet-Biedl syndrome by postmortem microfocus computed tomography (micro-CT). <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2019</b> , 53, 132-134	5.8	5
46	Postmortem image-guided biopsy for less-invasive diagnosis of congenital intracranial teratoma. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2015</b> , 46, 741-3	5.8	5
45	Rib Fractures in Osteogenesis Imperfecta: Have we Learnt Anything About Child Abuse?. <i>Journal of Pediatric Orthopaedics</i> , <b>2015</b> , 35, e81	2.4	5
44	Gender discrepancy in research activities during radiology residency. <i>Insights Into Imaging</i> , <b>2019</b> , 10, 125	5.6	5
43	Human fetal whole-body postmortem microfocus computed tomographic imaging. <i>Nature Protocols</i> , <b>2021</b> , 16, 2594-2614	18.8	5
42	Diagnostic accuracy of perinatal post-mortem ultrasound (PMUS): a systematic review. <i>BMJ Paediatrics Open</i> , <b>2019</b> , 3, e000566	2.4	5
41	An alternative approach to contrast-enhanced imaging: diffusion-weighted imaging and T-weighted imaging identifies and quantifies necrosis in Wilms tumour. <i>European Radiology</i> , <b>2019</b> , 29, 4141-4149	8	5
40	Artificial intelligence in paediatric radiology: Future opportunities. <i>British Journal of Radiology</i> , <b>2021</b> , 94, 20200975	3.4	5
39	Investigation of optimal sample preparation conditions with potassium triiodide and optimal imaging settings for microfocus computed tomography of excised cat hearts. <i>American Journal of Veterinary Research</i> , <b>2020</b> , 81, 326-333	1.1	4
38	A novel radiographic scoring system for growth abnormalities and structural change in children with juvenile idiopathic arthritis of the hip. <i>Pediatric Radiology</i> , <b>2018</b> , 48, 1086-1095	2.8	4
37	British Neuropathological Society and International Society of Forensic Radiology and Imaging expert consensus statement for post mortem neurological imaging. <i>Neuropathology and Applied Neurobiology</i> , <b>2018</b> , 44, 663-672	5.2	4
36	Emergency imaging in paediatric oncology: a pictorial review. <i>Insights Into Imaging</i> , <b>2019</b> , 10, 120	5.6	4
35	Diagnostic accuracy of postmortem ultrasound vs postmortem 1.5-T MRI for non-invasive perinatal autopsy. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2021</b> , 57, 449-458	5.8	4

34	Management of ovarian lesions diagnosed during infancy. <i>Journal of Pediatric Surgery</i> , <b>2019</b> , 54, 955-958.	2.6	3
33	Micro-CT of tracheal stenosis in trisomy 21. <i>Thorax</i> , <b>2019</b> , 74, 419-420	7.3	3
32	Delays and errors in abnormal chest radiograph follow-up: a systems approach to promoting patient safety in radiology. <i>Journal of Evaluation in Clinical Practice</i> , <b>2014</b> , 20, 453-9	2.5	3
31	Review of study reporting guidelines for clinical studies using artificial intelligence in healthcare. <i>BMJ Health and Care Informatics</i> , <b>2021</b> , 28,	2.6	3
30	Transarterial catheter embolisation for an unusual cause of upper gastrointestinal haemorrhage. <i>BMJ Case Reports</i> , <b>2015</b> , 2015,	0.9	2
29	Current state of perinatal postmortem magnetic resonance imaging: European Society of Paediatric Radiology questionnaire-based survey and recommendations. <i>Pediatric Radiology</i> , <b>2021</b> , 51, 792-799	2.8	2
28	High resolution isotropic diffusion imaging in post-mortem neonates: a feasibility study. <i>British Journal of Radiology</i> , <b>2018</b> , 91, 20180319	3.4	2
27	A pragmatic evidence-based approach to post-mortem perinatal imaging. <i>Insights Into Imaging</i> , <b>2021</b> , 12, 101	5.6	2
26	Abdominal US in Pediatric Inflammatory Multisystem Syndrome Associated with COVID-19. <i>Radiology</i> , <b>2021</b> , 211737	20.5	2
25	Feasibility of Postmortem Imaging Assessment of Brain: Liver Volume Ratios with Pathological Validation. <i>Fetal Diagnosis and Therapy</i> , <b>2019</b> , 46, 360-367	2.4	1
24	Smartphone applications in paediatric radiology: availability and authority. <i>Pediatric Radiology</i> , <b>2015</b> , 45, 1293-302	2.8	1
23	Re: Use of Osirix in developing a digital radiology teaching library. <i>Clinical Radiology</i> , <b>2015</b> , 70, 221	2.9	1
22	Value of additional lateral radiographs in paediatric skeletal surveys for suspected physical abuse. <i>Clinical Radiology</i> , <b>2021</b> ,	2.9	1
21	Artificial intelligence in paediatric radiology: international survey of health care professionals' opinions. <i>Pediatric Radiology</i> , <b>2021</b> , 52, 30	2.8	1
20	Artificial intelligence reporting guidelines: what the pediatric radiologist needs to know. <i>Pediatric Radiology</i> , <b>2021</b> , 1	2.8	1
19	Impact of the COVID-19 pandemic on radiology appointments in a tertiary children's hospital: a retrospective study. <i>BMJ Paediatrics Open</i> , <b>2021</b> , 5, e001210	2.4	1
18	Artificial intelligence applied to fetal MRI: A scoping review of current research.. <i>British Journal of Radiology</i> , <b>2022</b> , 20211205	3.4	1
17	Neonatal Autopsy: A 21st Century Approach?. <i>Neonatology</i> , <b>2019</b> , 115, 275-276	4	0

16	The skeletal effects of congenital syphilis: the case of Parrot's bones. <i>Medical History</i> , <b>2020</b> , 64, 467-477	0.2	o
15	Three-dimensional cinematic rendering of fetal skeletal dysplasia using postmortem computed tomography. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2021</b> , 57, 659-660	5.8	o
14	Three-dimensional versus two-dimensional postmortem ultrasound: feasibility in perinatal death investigation. <i>Pediatric Radiology</i> , <b>2021</b> , 51, 1259-1266	2.8	o
13	Micro-CT yields high image quality in human fetal post-mortem imaging despite maceration. <i>BMC Medical Imaging</i> , <b>2021</b> , 21, 128	2.9	o
12	Micro-CT Imaging of Pediatric Thyroglossal Duct Cysts: A Prospective Case Series. <i>Frontiers in Pediatrics</i> , <b>2021</b> , 9, 746010	3.4	o
11	Post-mortem perinatal imaging: What is the evidence?. <i>British Journal of Radiology</i> , <b>2022</b> , 20211078	3.4	o
10	The significance of internal calcifications on perinatal post-mortem radiographs. <i>Clinical Radiology</i> , <b>2020</b> , 75, 561.e25-561.e34	2.9	
9	Multiparametric mapping in post-mortem perinatal MRI: a feasibility study. <i>British Journal of Radiology</i> , <b>2020</b> , 93, 20190952	3.4	
8	Reply regarding 'Presentation to publication: institutional and individual factors'. <i>Pediatric Radiology</i> , <b>2017</b> , 47, 247-248	2.8	
7	Lateral plain radiograph of the cervical spine. <i>BMJ, The</i> , <b>2012</b> , 345, e6770	5.9	
6	Sagittal computed tomography of the sellar region. <i>BMJ, The</i> , <b>2012</b> , 345, e6769	5.9	
5	An infraumbilical lump in a child. <i>Emergency Medicine Journal</i> , <b>2016</b> , 33, 683	1.5	
4	Ligamentum arteriosum calcification on paediatric postmortem computed tomography. <i>Pediatric Radiology</i> , <b>2021</b> , 51, 385-391	2.8	
3	Finding the right home for your radiology article: a useful tool. <i>Clinical Radiology</i> , <b>2021</b> , 76, 938-939	2.9	
2	Micro-CT imaging of congenital high airway obstruction syndrome (CHAOS). <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2021</b> ,	5.8	
1	Re: value of additional lateral radiographs in paediatric skeletal surveys for suspected physical abuse. A reply.. <i>Clinical Radiology</i> , <b>2022</b> ,	2.9	