

# Owen Arthurs

## List of Publications by Year in descending order

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Version: 2024-02-01

185  
papers

3,936  
citations

136885

32  
h-index

182361

51  
g-index

193  
all docs

193  
docs citations

193  
times ranked

3697  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | How well do we understand the neural origins of the fMRI BOLD signal?. Trends in Neurosciences, 2002, 25, 27-31.   | 4.2 | 327       |
| 2  | Transcranial magnetic stimulation for depression and other psychiatric disorders. Psychological Medicine, 2001, 31, 1141-1146.   | 2.7 | 208       |
| 3  | Paediatric MRI under sedation: is it necessary? What is the evidence for the alternatives?. Pediatric Radiology, 2011, 41, 1353-1364.  | 1.1 | 160       |
| 4  | Linear coupling between functional magnetic resonance imaging and evoked potential amplitude in human somatosensory cortex. Neuroscience, 2000, 101, 803-806.  | 1.1 | 120       |
| 5  | What aspect of the fMRI BOLD signal best reflects the underlying electrophysiology in human somatosensory cortex?. Clinical Neurophysiology, 2003, 114, 1203-1209.   | 0.7 | 99        |
| 6  | Factors affecting uptake of postmortem examination in the prenatal, perinatal and paediatric setting. BJOG: an International Journal of Obstetrics and Gynaecology, 2018, 125, 172-181.                          | 1.1 | 76        |
| 7  | Diagnostic accuracy and limitations of post-mortem MRI for neurological abnormalities in fetuses and children. Clinical Radiology, 2015, 70, 872-880.  | 0.5 | 75        |
| 8  | Clinical utility of postmortem microcomputed tomography of the fetal heart: diagnostic imaging <i>vs</i> macroscopic dissection. Ultrasound in Obstetrics and Gynecology, 2016, 47, 58-64.                       | 0.9 | 57        |
| 9  | Diagnostic accuracy of post-mortem MRI for thoracic abnormalities in fetuses and children. European Radiology, 2014, 24, 2876-2884.  | 2.3 | 56        |
| 10 | Stresses and strains on the human fetal skeleton during development. Journal of the Royal Society Interface, 2018, 15, 20170593.   | 1.5 | 56        |
| 11 | Comparison of diagnostic performance for perinatal and paediatric post-mortem imaging: CT versus MRI. European Radiology, 2016, 26, 2327-2336.   | 2.3 | 55        |
| 12 | Seasonal Neuroendocrine Rhythms in the Male Siberian Hamster Persist After Monosodium Glutamate-Induced Lesions of the Arcuate Nucleus in the Neonatal Period. Journal of Neuroendocrinology, 1998, 10, 701-712. | 1.2 | 52        |
| 13 | Post-mortem MRI as an alternative to non-forensic autopsy in foetuses and children: from research into clinical practice. British Journal of Radiology, 2014, 87, 20130621.                                      | 1.0 | 51        |
| 14 | Nutcracker and SMA syndromes: What is the normal SMA angle in children?. European Journal of Radiology, 2012, 81, e854-e861.   | 1.2 | 48        |
| 15 | Early clinical applications for imaging at microscopic detail: microfocus computed tomography (micro-CT). British Journal of Radiology, 2017, 90, 20170113.  | 1.0 | 48        |
| 16 | Malfunctioning central venous catheters in children: a diagnostic approach. Pediatric Radiology, 2008, 38, 363-378.  | 1.1 | 47        |
| 17 | Diagnostic accuracy of post mortem MRI for abdominal abnormalities in foetuses and children. European Journal of Radiology, 2015, 84, 474-481.   | 1.2 | 45        |
| 18 | Normal perinatal and paediatric postmortem magnetic resonance imaging appearances. Pediatric Radiology, 2015, 45, 527-535.   | 1.1 | 43        |

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|----|---|-----|-----------|
| 19 | Anaesthesia or sedation for paediatric MRI. <i>Current Opinion in Anaesthesiology</i> , 2013, 26, 489-494.  | 0.9 | 42        |
| 20 | Indications, advantages and limitations of perinatal postmortem imaging in clinical practice. <i>Pediatric Radiology</i> , 2015, 45, 491-500.   | 1.1 | 42        |
| 21 | Postmortem microfocus computed tomography for early gestation fetuses: a validation study against conventional autopsy. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 218, 445.e1-445.e12.   | 0.7 | 39        |
| 22 | The challenges of neonatal magnetic resonance imaging. <i>Pediatric Radiology</i> , 2012, 42, 1183-1194.  | 1.1 | 38        |
| 23 | Perinatal and paediatric post-mortem magnetic resonance imaging (PMMR): sequences and technique. <i>British Journal of Radiology</i> , 2016, 89, 20151028.  | 1.0 | 38        |
| 24 | 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> , 2018, 2, 802-811.            | 2.7 | 38        |
| 25 | “We might get a lot more families who will agree” Muslim and Jewish perspectives on less invasive perinatal and paediatric autopsy. <i>PLoS ONE</i> , 2018, 13, e0202023.                                   | 1.1 | 38        |
| 26 | Attention differentially modulates the coupling of fMRI BOLD and evoked potential signal amplitudes in the human somatosensory cortex. <i>Experimental Brain Research</i> , 2004, 157, 269-74.              | 0.7 | 37        |
| 27 | Routine perinatal and paediatric post-mortem radiography: detection rates and implications for practice. <i>Pediatric Radiology</i> , 2014, 44, 252-257.  | 1.1 | 36        |
| 28 | Imaging Invasion: Micro-CT imaging of adamantinomatous craniopharyngioma highlights cell type specific spatial relationships of tissue invasion. <i>Acta Neuropathologica Communications</i> , 2016, 4, 57. | 2.4 | 36        |
| 29 | Body weight lower limits of fetal postmortem MRI at 1.5T. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016, 48, 92-97.   | 0.9 | 36        |
| 30 | Post-mortem whole-body magnetic resonance imaging of human fetuses: a comparison of 3-T vs. 1.5-T MR imaging with classical autopsy. <i>European Radiology</i> , 2017, 27, 3542-3553.                       | 2.3 | 36        |
| 31 | Photoacoustic imaging of the human placental vasculature. <i>Journal of Biophotonics</i> , 2020, 13, e201900167.  | 1.1 | 36        |
| 32 | Micro-CT and histological investigation of the spatial pattern of fetoplacental vascular density. <i>Placenta</i> , 2019, 88, 36-43.  | 0.7 | 35        |
| 33 | Current status of paediatric post-mortem imaging: an ESPR questionnaire-based survey. <i>Pediatric Radiology</i> , 2014, 44, 244-251.   | 1.1 | 34        |
| 34 | Printed three-dimensional airway model assists planning of single-lung ventilation in a small child. <i>British Journal of Anaesthesia</i> , 2015, 115, 616-620.  | 1.5 | 34        |
| 35 | Current issues in postmortem imaging of perinatal and forensic childhood deaths. <i>Forensic Science, Medicine, and Pathology</i> , 2017, 13, 58-66.  | 0.6 | 34        |
| 36 | Protecting sensitive patient groups from imaging using ionizing radiation: effects during pregnancy, in fetal life and childhood. <i>Radiologia Medica</i> , 2019, 124, 736-744.                            | 4.7 | 33        |

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|----|--|-----|-----------|
| 37 | Diffusion-weighted magnetic resonance imaging of the fetal brain in intrauterine growth restriction. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017, 50, 79-87.   | 0.9 | 32        |
| 38 | Health professionals™ and coroners™ views on less invasive perinatal and paediatric autopsy: a qualitative study. <i>Archives of Disease in Childhood</i> , 2018, 103, 572-578.  | 1.0 | 32        |
| 39 | Diagnostic accuracy of postmortem MRI for musculoskeletal abnormalities in fetuses and children. <i>Prenatal Diagnosis</i> , 2014, 34, 1254-1261.  | 1.1 | 31        |
| 40 | Learning effect on perinatal post-mortem magnetic resonance imaging reporting: single reporter diagnostic accuracy of 200 cases. <i>Prenatal Diagnosis</i> , 2017, 37, 566-574.  | 1.1 | 30        |
| 41 | Paediatric and perinatal postmortem imaging: the need for a subspecialty approach. <i>Pediatric Radiology</i> , 2015, 45, 483-490.   | 1.1 | 29        |
| 42 | Dopaminergic effects on electrophysiological and functional MRI measures of human cortical stimulus response power laws. <i>NeuroImage</i> , 2004, 21, 540-546.  | 2.1 | 27        |
| 43 | 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> , 2019, 49, 694-701. | 1.1 | 27        |
| 44 | Intracortically Distributed Neurovascular Coupling Relationships within and between Human Somatosensory Cortices. <i>Cerebral Cortex</i> , 2006, 17, 661-668.  | 1.6 | 26        |
| 45 | Ultrasonographic determination of neonatal spinal canal depth. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2008, 93, F451-F454.  | 1.4 | 26        |
| 46 | 3D printing from microfocus computed tomography (micro-CT) in human specimens: education and future implications. <i>British Journal of Radiology</i> , 2018, 91, 20180306.  | 1.0 | 26        |
| 47 | Guidelines for best practice: Imaging for age estimation in the living. <i>Journal of Forensic Radiology and Imaging</i> , 2019, 16, 38-49.  | 1.2 | 26        |
| 48 | Availability of less invasive prenatal, perinatal and paediatric autopsy will improve uptake rates: a mixed-methods study with bereaved parents. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2019, 126, 745-753.         | 1.1 | 25        |
| 49 | Latest developments in post-mortem foetal imaging. <i>Prenatal Diagnosis</i> , 2020, 40, 28-37.  | 1.1 | 25        |
| 50 | Postmortem microfocus computed tomography for noninvasive autopsies: experience in >250 human fetuses. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 224, 103.e1-103.e15.   | 0.7 | 25        |
| 51 | Detection of pulmonary nodules at paediatric CT: maximum intensity projections and axial source images are complementary. <i>Pediatric Radiology</i> , 2013, 43, 820-826.  | 1.1 | 24        |
| 52 | Ventilated postmortem computed tomography in children: feasibility and initial experience. <i>International Journal of Legal Medicine</i> , 2015, 129, 1113-1120.  | 1.2 | 24        |
| 53 | Artificial intelligence in paediatric radiology: Future opportunities. <i>British Journal of Radiology</i> , 2021, 94, 20200975.   | 1.0 | 24        |
| 54 | Normal ascent of the conus medullaris: a post-mortem foetal MRI study. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2013, 26, 697-702.   | 0.7 | 23        |

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|----|--|-----|-----------|
| 55 | Diffusion-weighted perinatal postmortem magnetic resonance imaging as a marker of postmortem interval. <i>European Radiology</i> , 2015, 25, 1399-1406.  | 2.3 | 23        |
| 56 | Postmortem research: innovations and future directions for the perinatal and paediatric autopsy. <i>Archives of Disease in Childhood: Education and Practice Edition</i> , 2016, 101, 54-56.                               | 0.3 | 23        |
| 57 | European Society of Biomechanics S.M. Perren Award 2018: Altered biomechanical stimulation of the developing hip joint in presence of hip dysplasia risk factors. <i>Journal of Biomechanics</i> , 2018, 78, 1-9.          | 0.9 | 23        |
| 58 | Is traditional perinatal autopsy needed after detailed fetal ultrasound and post-mortem MRI?. <i>Prenatal Diagnosis</i> , 2019, 39, 818-829.   | 1.1 | 23        |
| 59 | Postmortem examination of human fetuses: comparison of two-dimensional ultrasound with invasive autopsy. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019, 53, 229-238.   | 0.9 | 22        |
| 60 | Lung aeration on post-mortem magnetic resonance imaging is a useful marker of live birth versus stillbirth. <i>International Journal of Legal Medicine</i> , 2015, 129, 531-536.   | 1.2 | 21        |
| 61 | Interactive neonatal gastrointestinal magnetic resonance imaging using fruit juice as an oral contrast media. <i>BMC Medical Imaging</i> , 2014, 14, 33.   | 1.4 | 20        |
| 62 | Minimally invasive perinatal and pediatric autopsy with laparoscopically assisted tissue sampling: feasibility and experience of the MinmAL procedure. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019, 54, 661-669. | 0.9 | 20        |
| 63 | Quantification of maceration changes using post mortem MRI in fetuses. <i>BMC Medical Imaging</i> , 2016, 16, 34.  | 1.4 | 19        |
| 64 | Postmortem fetal imaging: prospective blinded comparison of two-dimensional ultrasound with magnetic resonance imaging. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019, 54, 791-799.                                | 0.9 | 19        |
| 65 | Management strategies for children with COVID-19: ESPR practical recommendations. <i>Pediatric Radiology</i> , 2020, 50, 1313-1323.  | 1.1 | 19        |
| 66 | Evaluation of image quality and radiation dose in adolescent thoracic imaging: 64-slice is preferable to 16-slice multislice CT. <i>British Journal of Radiology</i> , 2009, 82, 157-161.                                  | 1.0 | 18        |
| 67 | The toddler refusing to weight-bear: a revised imaging guide from a case series. <i>Emergency Medicine Journal</i> , 2009, 26, 797-801.  | 0.4 | 18        |
| 68 | Post-mortem skeletal surveys in suspected non-accidental injury. <i>Clinical Radiology</i> , 2012, 67, 868-876.  | 0.5 | 18        |
| 69 | Pleural fluid accumulation detectable on paediatric post-mortem imaging: a possible marker of interval since death?. <i>International Journal of Legal Medicine</i> , 2016, 130, 1003-1010.                                | 1.2 | 18        |
| 70 | Diagnostic assessment of foetal brain malformations with intra-uterine MRI versus perinatal post-mortem MRI. <i>Neuroradiology</i> , 2019, 61, 921-934.  | 1.1 | 18        |
| 71 | Postmortem cardiac imaging in fetuses and children. <i>Pediatric Radiology</i> , 2015, 45, 549-555.  | 1.1 | 17        |
| 72 | Virtual pathological examination of the human fetal kidney using micro-CT. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016, 48, 663-665.   | 0.9 | 17        |

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|----|---|-----|-----------|
| 73 | Presentation to publication: proportion of abstracts published for ESPR, SPR and IPR. <i>Pediatric Radiology</i> , 2016, 46, 1371-1377.   | 1.1 | 17        |
| 74 | Imaging the human placental microcirculation with micro-focus computed tomography: Optimisation of tissue preparation and image acquisition. <i>Placenta</i> , 2017, 60, 36-39.                       | 0.7 | 17        |
| 75 | Apparent diffusion coefficient measurements of the fetal brain during the third trimester of pregnancy: how reliable are they in clinical practice?. <i>Prenatal Diagnosis</i> , 2014, 34, 357-366.   | 1.1 | 16        |
| 76 | Less invasive investigation of perinatal death. <i>BMJ</i> , The, 2015, 351, h3598.   | 3.0 | 16        |
| 77 | Metabolic rate of major organs and tissues in young adult South Asian women. <i>European Journal of Clinical Nutrition</i> , 2019, 73, 1164-1171.   | 1.3 | 16        |
| 78 | Minimally invasive autopsy for fetuses and children based on a combination of post-mortem MRI and endoscopic examination: a feasibility study. <i>Health Technology Assessment</i> , 2019, 23, 1-104. | 1.3 | 16        |
| 79 | Safety in pediatric imaging: an update. <i>Acta Radiologica</i> , 2013, 54, 983-990.  | 0.5 | 15        |
| 80 | THE LESS-INVASIVE PERINATAL AUTOPSY: CURRENT STATUS AND FUTURE DIRECTIONS. <i>Fetal and Maternal Medicine Review</i> , 2013, 24, 45-59.   | 0.3 | 15        |
| 81 | Diffusion-weighted post-mortem magnetic resonance imaging of the human fetal brain in situ. <i>European Journal of Radiology</i> , 2016, 85, 1167-1173.   | 1.2 | 15        |
| 82 | ESPR postmortem imaging task force: where we begin. <i>Pediatric Radiology</i> , 2016, 46, 1363-1369.   | 1.1 | 15        |
| 83 | Consent for paediatric and perinatal postmortem investigations: Implications of less invasive autopsy. <i>Journal of Forensic Radiology and Imaging</i> , 2016, 4, 7-11.                              | 1.2 | 15        |
| 84 | Human fetal whole-body postmortem microfocus computed tomographic imaging. <i>Nature Protocols</i> , 2021, 16, 2594-2614.   | 5.5 | 15        |
| 85 | Development and validation of a physical model to investigate the biomechanics of infant head impact. <i>Forensic Science International</i> , 2017, 276, 111-119.                                     | 1.3 | 14        |
| 86 | Preclinical transgenic and patient-derived xenograft models recapitulate the radiological features of human adamantinomatous craniopharyngioma. <i>Brain Pathology</i> , 2018, 28, 475-483.           | 2.1 | 14        |
| 87 | Non-radiologist-performed point-of-care ultrasonography in paediatrics – European Society of Paediatric Radiology position paper. <i>Pediatric Radiology</i> , 2021, 51, 161-167.                     | 1.1 | 14        |
| 88 | Structure-function relationships in the fetoplacental circulation from in silico interpretation of micro-CT vascular structures. <i>Journal of Theoretical Biology</i> , 2021, 517, 110630.           | 0.8 | 14        |
| 89 | Is fetal cerebral MRI worthwhile in antenatally diagnosed isolated cleft lip with or without palate?. <i>Prenatal Diagnosis</i> , 2013, 33, 273-278.  | 1.1 | 13        |
| 90 | Think it through first: questions to consider in writing a successful grant application. <i>Pediatric Radiology</i> , 2014, 44, 1507-1511.  | 1.1 | 13        |

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|-----|---|-----|-----------|
| 91  | Duodenal haematoma following endoscopy as a marker of coagulopathy. <i>Pediatric Radiology</i> , 2014, 44, 392-397.   | 1.1 | 13        |
| 92  | Shortage of paediatric radiologists acting as an expert witness: position statement from the British Society of Paediatric Radiology (BSPR) National Working Group on Imaging in Suspected Physical Abuse (SPA). <i>Clinical Radiology</i> , 2019, 74, 496-502. | 0.5 | 13        |
| 93  | Developmental origins of variability in pelvic dimensions: Evidence from nulliparous South Asian women in the United Kingdom. <i>American Journal of Human Biology</i> , 2020, 32, e23340.  | 0.8 | 13        |
| 94  | Micro-computed tomography (micro-CT) for the assessment of myocardial disarray, fibrosis and ventricular mass in a feline model of hypertrophic cardiomyopathy. <i>Scientific Reports</i> , 2020, 10, 20169.  | 1.6 | 13        |
| 95  | Post-mortem magnetic resonance (PMMR) imaging of the brain in fetuses and children with histopathological correlation. <i>Clinical Radiology</i> , 2017, 72, 1025-1037.   | 0.5 | 12        |
| 96  | Cranial bone structure in children with sagittal craniosynostosis: Relationship with surgical outcomes. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2017, 70, 1589-1597.  | 0.5 | 12        |
| 97  | 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> , 2018, 38, 538-542.                                      | 1.1 | 12        |
| 98  | Perinatal post mortem ultrasound (PMUS): a practical approach. <i>Insights Into Imaging</i> , 2019, 10, 35.   | 1.6 | 12        |
| 99  | Diagnostic Accuracy of Postmortem CT of Children: A Retrospective Single-Center Study. <i>American Journal of Roentgenology</i> , 2019, 212, 1335-1347.   | 1.0 | 12        |
| 100 | Flexible proton density (PD) mapping using multi-contrast variable flip angle (VFA) data. <i>NeuroImage</i> , 2019, 186, 464-475.   | 2.1 | 12        |
| 101 | Feasibility of INTACT (INcisionless TArgeted Core Tissue) biopsy procedure for perinatal autopsy. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020, 55, 667-675.   | 0.9 | 12        |
| 102 | Improving uptake of perinatal autopsy. <i>Current Opinion in Obstetrics and Gynecology</i> , 2021, 33, 129-134.   | 0.9 | 12        |
| 103 | Interactive magnetic resonance voiding cystourethrography (iMRVC) for vesicoureteric reflux (VUR) in unsedated infants: a feasibility study. <i>European Radiology</i> , 2011, 21, 1874-1881.   | 2.3 | 11        |
| 104 | Achondroplasia: Really rhizomelic?. <i>American Journal of Medical Genetics, Part A</i> , 2016, 170, 2039-2043.   | 0.7 | 11        |
| 105 | Introduction of a novel magnetic resonance imaging-based scoring system for assessing disease activity in children with juvenile dermatomyositis. <i>Rheumatology</i> , 2018, 57, 1661-1668.  | 0.9 | 11        |
| 106 | The use of whole body diffusion-weighted post-mortem magnetic resonance imaging in timing of perinatal deaths. <i>International Journal of Legal Medicine</i> , 2018, 132, 1735-1741.   | 1.2 | 11        |
| 107 | Non-radiologist-performed abdominal point-of-care ultrasonography in paediatrics – a scoping review. <i>Pediatric Radiology</i> , 2021, 51, 1386-1399.  | 1.1 | 11        |
| 108 | Perinatal post-mortem ultrasound (PMUS): radiological-pathological correlation. <i>Insights Into Imaging</i> , 2019, 10, 81.  | 1.6 | 10        |

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|-----|--|-----|-----------|
| 109 | Automated data extraction and report analysis in computer-aided radiology audit: practice implications from post-mortem paediatric imaging. <i>Clinical Radiology</i> , 2019, 74, 733.e11-733.e18.   | 0.5 | 10        |
| 110 | Artificial intelligence in paediatric radiology: international survey of health care professionalsâ€™ opinions. <i>Pediatric Radiology</i> , 2022, 52, 30-41.  | 1.1 | 10        |
| 111 | Multi-detector thoracic CT findings in cerebro-costo-mandibular syndrome: rib gaps and failure of costo-vertebral separation. <i>Skeletal Radiology</i> , 2014, 43, 263-266.   | 1.2 | 9         |
| 112 | Paediatric and perinatal postmortem imaging: mortui vivos docent. <i>Pediatric Radiology</i> , 2015, 45, 476-477.  | 1.1 | 9         |
| 113 | X-ray phase contrast tomography; proof of principle for post-mortem imaging. <i>British Journal of Radiology</i> , 2016, 89, 20150565.   | 1.0 | 9         |
| 114 | Post-Mortem Magnetic Resonance Imaging Appearances of Feticide in Perinatal Deaths. <i>Fetal Diagnosis and Therapy</i> , 2019, 45, 221-229.  | 0.6 | 9         |
| 115 | Maceration determines diagnostic yield of fetal and neonatal whole body post-mortem ultrasound. <i>Prenatal Diagnosis</i> , 2020, 40, 232-243.   | 1.1 | 9         |
| 116 | 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> , 2020, 81, 326-333. | 0.3 | 9         |
| 117 | Diagnostic accuracy of postmortem ultrasound <i>vs</i> postmortem 1.5T MRI for non-invasive perinatal autopsy. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 57, 449-458.   | 0.9 | 9         |
| 118 | Artificial intelligence for radiological paediatric fracture assessment: a systematic review. <i>Insights Into Imaging</i> , 2022, 13, .   | 1.6 | 9         |
| 119 | Weight-based determination of spinal canal depth for paediatric lumbar punctures. <i>Archives of Disease in Childhood</i> , 2013, 98, 877-880.   | 1.0 | 8         |
| 120 | Postmortem magnetic resonance appearances of congenital high airway obstruction syndrome. <i>Pediatric Radiology</i> , 2015, 45, 556-561.  | 1.1 | 8         |
| 121 | Micro-CT yields high image quality in human fetal post-mortem imaging despite maceration. <i>BMC Medical Imaging</i> , 2021, 21, 128.  | 1.4 | 8         |
| 122 | Abdominal US in Pediatric Inflammatory Multisystem Syndrome Associated with SARS-CoV-2 (PIMS-TS). <i>Radiology</i> , 2022, 303, 173-181.   | 3.6 | 8         |
| 123 | A Randomized Study to Validate a Midspinal Canal Depth Nomogram in Neonates. <i>American Journal of Perinatology</i> , 2009, 26, 733-738.  | 0.6 | 7         |
| 124 | Adductor magnus: A post-operative illustration of its dual nerve supply. <i>Clinical Anatomy</i> , 2010, 23, 115-119.  | 1.5 | 7         |
| 125 | Is there still a role for fetal and perinatal post-mortem radiography?. <i>Journal of Forensic Radiology and Imaging</i> , 2015, 3, 5-11.  | 1.2 | 7         |
| 126 | Accuracy of paediatric intraosseous needle placement from post mortem imaging. <i>Journal of Forensic Radiology and Imaging</i> , 2016, 4, 63-69.  | 1.2 | 7         |



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|-----|---|-----|-----------|
| 127 | Multiple Cardiac Rhabdomyomas Visualised Using Micro-CT in a Case of Tuberous Sclerosis. <i>Fetal Diagnosis and Therapy</i> , 2017, 41, 157-160.  | 0.6 | 7         |
| 128 | British Neuropathological Society and International Society of Forensic Radiology and Imaging expert consensus statement for <i>post mortem</i> neurological imaging. <i>Neuropathology and Applied Neurobiology</i> , 2018, 44, 663-672.                                 | 1.8 | 7         |
| 129 | Finite element modelling of the developing infant femur using paired CT and MRI scans. <i>PLoS ONE</i> , 2019, 14, e0218268.  | 1.1 | 7         |
| 130 | A pragmatic evidence-based approach to post-mortem perinatal imaging. <i>Insights Into Imaging</i> , 2021, 12, 101.   | 1.6 | 7         |
| 131 | Interactive magnetic resonance imaging for paediatric vesicoureteric reflux (VUR). <i>European Journal of Radiology</i> , 2013, 82, e112-e119.  | 1.2 | 6         |
| 132 | A coupled physical-computational methodology for the investigation of short fall related infant head impact injury. <i>Forensic Science International</i> , 2019, 300, 170-186.   | 1.3 | 6         |
| 133 | Diagnostic accuracy of perinatal post-mortem ultrasound (PMUS): a systematic review. <i>BMJ Paediatrics Open</i> , 2019, 3, e000566.  | 0.6 | 6         |
| 134 | Artificial intelligence reporting guidelines: what the pediatric radiologist needs to know. <i>Pediatric Radiology</i> , 2022, 52, 2101-2110.   | 1.1 | 6         |
| 135 | Clinical academic radiographers â€œ A challenging but rewarding career. <i>Radiography</i> , 2021, 27, S14-S19.   | 1.1 | 6         |
| 136 | Current state of perinatal postmortem magnetic resonance imaging: European Society of Paediatric Radiology questionnaire-based survey and recommendations. <i>Pediatric Radiology</i> , 2021, 51, 792-799.  | 1.1 | 6         |
| 137 | Image-guided surgery and novel intraoperative devices for enhanced visualisation in general and paediatric surgery: a review. <i>Innovative Surgical Sciences</i> , 2022, 6, 161-172.   | 0.4 | 6         |
| 138 | Point-of-Care Measurements on a Neonatal Intensive Care Unit Using the OMNI-S Blood Gas Analyzer. <i>Point of Care</i> , 2007, 6, 112-117.  | 0.5 | 5         |
| 139 | Postmortem imageâ€­guided biopsy for lessâ€­invasive diagnosis of congenital intracranial teratoma. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015, 46, 741-743.   | 0.9 | 5         |
| 140 | Rib Fractures in Osteogenesis Imperfecta. <i>Journal of Pediatric Orthopaedics</i> , 2015, 35, e81.   | 0.6 | 5         |
| 141 | Characterization of Bardetâ€­Biedl syndrome by postmortem microfocus computed tomography (microâ€­CT). <i>Ultrasound in Obstetrics and Gynecology</i> , 2019, 53, 132-134.  | 0.9 | 5         |
| 142 | â€œThe communication and support from the health professional is incredibly importantâ€­ A qualitative study exploring the processes and practices that support parental decisionâ€­making about postmortem examination. <i>Prenatal Diagnosis</i> , 2019, 39, 1242-1253. | 1.1 | 5         |
| 143 | European Society of Paediatric Radiology 2019 strategic research agenda: improving imaging for tomorrowâ€™s children. <i>Pediatric Radiology</i> , 2019, 49, 983-989.   | 1.1 | 5         |
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