

Owen Arthurs

List of Publications by Year in Descending Order

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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.

175
papers

2,863
citations

28
h-index

44
g-index

193
ext. papers

3,471
ext. citations

3.7
avg, IF

5.48
L-index

#	Paper	IF	Citations
175	Perinatal Imaging 2022 , 111-129		
174	Re: value of additional lateral radiographs in paediatric skeletal surveys for suspected physical abuse. A reply.. <i>Clinical Radiology</i> , 2022 ,	2.9	
173	Evaluation of dual-energy X-ray absorptiometry compared to magnetic resonance imaging for collecting measurements of the human bony pelvis.. <i>American Journal of Human Biology</i> , 2022 , e23753	2.7	
172	Post-mortem perinatal imaging: What is the evidence?. <i>British Journal of Radiology</i> , 2022 , 20211078	3.4	0
171	Value of additional lateral radiographs in paediatric skeletal surveys for suspected physical abuse. <i>Clinical Radiology</i> , 2021 ,	2.9	1
170	Artificial intelligence in paediatric radiology: international survey of health care professionals' opinions. <i>Pediatric Radiology</i> , 2021 , 52, 30	2.8	1
169	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	2.8	2
168	Human fetal whole-body postmortem microfocus computed tomographic imaging. <i>Nature Protocols</i> , 2021 , 16, 2594-2614	18.8	5
167	Non-radiologist-performed abdominal point-of-care ultrasonography in paediatrics - a scoping review. <i>Pediatric Radiology</i> , 2021 , 51, 1386-1399	2.8	3
166	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	2.3	4
165	An evaluation of the differences in paediatric skeletal trauma between fatal simple short falls and physical abuse blunt impact loads: An international multicentre pilot study. <i>Forensic Science International</i> , 2021 , 323, 110788	2.6	1
164	Artificial intelligence reporting guidelines: what the pediatric radiologist needs to know. <i>Pediatric Radiology</i> , 2021 , 1	2.8	1
163	Diagnostic accuracy of postmortem ultrasound vs postmortem 1.5-T MRI for non-invasive perinatal autopsy. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021 , 57, 449-458	5.8	4
162	Ligamentum arteriosum calcification on paediatric postmortem computed tomography. <i>Pediatric Radiology</i> , 2021 , 51, 385-391	2.8	
161	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	6.4	9
160	Non-radiologist-performed point-of-care ultrasonography in paediatrics - European Society of Paediatric Radiology position paper. <i>Pediatric Radiology</i> , 2021 , 51, 161-167	2.8	9
159	Artificial intelligence in paediatric radiology: Future opportunities. <i>British Journal of Radiology</i> , 2021 , 94, 20200975	3.4	5

158	Improving uptake of perinatal autopsy. <i>Current Opinion in Obstetrics and Gynecology</i> , 2021 , 33, 129-134	2.4	1
157	Three-dimensional versus two-dimensional postmortem ultrasound: feasibility in perinatal death investigation. <i>Pediatric Radiology</i> , 2021 , 51, 1259-1266	2.8	0
156	A pragmatic evidence-based approach to post-mortem perinatal imaging. <i>Insights Into Imaging</i> , 2021 , 12, 101	5.6	2
155	Micro-CT yields high image quality in human fetal post-mortem imaging despite maceration. <i>BMC Medical Imaging</i> , 2021 , 21, 128	2.9	0
154	Point-of-care ultrasound: reply to Andronikou et al. and Gyögyi et al. <i>Pediatric Radiology</i> , 2021 , 1	2.8	0
153	Micro-CT Imaging of Pediatric Thyroglossal Duct Cysts: A Prospective Case Series. <i>Frontiers in Pediatrics</i> , 2021 , 9, 746010	3.4	0
152	Micro-CT imaging of congenital high airway obstruction syndrome (CHAOS). <i>Ultrasound in Obstetrics and Gynecology</i> , 2021 ,	5.8	
151	Clinical academic radiographers - A challenging but rewarding career. <i>Radiography</i> , 2021 , 27 Suppl 1, S14-S19	2	0
150	Abdominal US in Pediatric Inflammatory Multisystem Syndrome Associated with COVID-19. <i>Radiology</i> , 2021 , 211737	20.5	2
149	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	1.1	4
148	Management strategies for children with COVID-19: ESPR practical recommendations. <i>Pediatric Radiology</i> , 2020 , 50, 1313-1323	2.8	11
147	Professional development and research are being neglected: a commentary on the 2019 RCR radiologists' supporting professional activities (SPA) survey. <i>Clinical Radiology</i> , 2020 , 75, 348-350	2.9	1
146	The significance of internal calcifications on perinatal post-mortem radiographs. <i>Clinical Radiology</i> , 2020 , 75, 561.e25-561.e34	2.9	
145	Multiparametric mapping in post-mortem perinatal MRI: a feasibility study. <i>British Journal of Radiology</i> , 2020 , 93, 20190952	3.4	
144	Photoacoustic imaging of the human placental vasculature. <i>Journal of Biophotonics</i> , 2020 , 13, e2019001671	16.7	19
143	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	2.7	7
142	Maceration determines diagnostic yield of fetal and neonatal whole body post-mortem ultrasound. <i>Prenatal Diagnosis</i> , 2020 , 40, 232-243	3.2	7
141	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	4.9	3

140	The skeletal effects of congenital syphilis: the case of Parrot's bones. <i>Medical History</i> , 2020 , 64, 467-477	0.2	0
139	Latest developments in post-mortem foetal imaging. <i>Prenatal Diagnosis</i> , 2020 , 40, 28-37	3.2	11
138	Feasibility of INTACT (INcisionless TArgeted Core Tissue) biopsy procedure for perinatal autopsy. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020 , 55, 667-675	5.8	9
137	Perinatal post mortem ultrasound (PMUS): a practical approach. <i>Insights Into Imaging</i> , 2019 , 10, 35	5.6	8
136	The current status of non-radiologist-performed abdominal ultrasonography in paediatrics - a scoping literature review protocol. <i>Pediatric Radiology</i> , 2019 , 49, 1249-1252	2.8	1
135	Micro-CT and histological investigation of the spatial pattern of fetoplacental vascular density. <i>Placenta</i> , 2019 , 88, 36-43	3.4	17
134	European Society of Paediatric Radiology 2019 strategic research agenda: improving imaging for tomorrow's children. <i>Pediatric Radiology</i> , 2019 , 49, 983-989	2.8	1
133	Finite element modelling of the developing infant femur using paired CT and MRI scans. <i>PLoS ONE</i> , 2019 , 14, e0218268	3.7	5
132	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	2.9	8
131	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	2.9	5
130	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	2.6	5
129	Diagnostic assessment of foetal brain malformations with intra-uterine MRI versus perinatal post-mortem MRI. <i>Neuroradiology</i> , 2019 , 61, 921-934	3.2	10
128	Is traditional perinatal autopsy needed after detailed fetal ultrasound and post-mortem MRI?. <i>Prenatal Diagnosis</i> , 2019 , 39, 818-829	3.2	15
127	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	2.8	11
126	Feasibility of Postmortem Imaging Assessment of Brain: Liver Volume Ratios with Pathological Validation. <i>Fetal Diagnosis and Therapy</i> , 2019 , 46, 360-367	2.4	1
125	Diagnostic Accuracy of Postmortem CT of Children: A Retrospective Single-Center Study. <i>American Journal of Roentgenology</i> , 2019 , 1-13	5.4	6
124	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	6.5	20
123	Micro-CT of tracheal stenosis in trisomy 21. <i>Thorax</i> , 2019 , 74, 419-420	7.3	3

122	Neonatal Autopsy: A 21st Century Approach?. <i>Neonatology</i> , 2019 , 115, 275-276	4	0
121	Guidelines for best practice: Imaging for age estimation in the living. <i>Journal of Forensic Radiology and Imaging</i> , 2019 , 16, 38-49	1.3	11
120	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	5.8	13
119	Post-Mortem Magnetic Resonance Imaging Appearances of Feticide in Perinatal Deaths. <i>Fetal Diagnosis and Therapy</i> , 2019 , 45, 221-229	2.4	7
118	Characterization of Bardet-Biedl syndrome by postmortem microfocus computed tomography (micro-CT). <i>Ultrasound in Obstetrics and Gynecology</i> , 2019 , 53, 132-134	5.8	5
117	Perinatal post-mortem ultrasound (PMUS): radiological-pathological correlation. <i>Insights Into Imaging</i> , 2019 , 10, 81	5.6	9
116	"The communication and support from the health professional is incredibly important": A qualitative study exploring the processes and practices that support parental decision-making about postmortem examination. <i>Prenatal Diagnosis</i> , 2019 , 39, 1242-1253	3.2	4
115	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	4.4	9
114	Learning from cases: Analysis of two cases of craniopharyngioma from the 19 to the 21 centuries. <i>F1000Research</i> , 2019 , 8, 1544	3.6	
113	Diagnostic accuracy of perinatal post-mortem ultrasound (PMUS): a systematic review. <i>BMJ Paediatrics Open</i> , 2019 , 3, e000566	2.4	5
112	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	3.7	21
111	Metabolic rate of major organs and tissues in young adult South Asian women. <i>European Journal of Clinical Nutrition</i> , 2019 , 73, 1164-1171	5.2	9
110	Flexible proton density (PD) mapping using multi-contrast variable flip angle (VFA) data. <i>NeuroImage</i> , 2019 , 186, 464-475	7.9	8
109	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> , 2019 , 54, 661-669	5.8	13
108	Postmortem examination of human fetuses: comparison of two-dimensional ultrasound with invasive autopsy. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019 , 53, 229-238	5.8	17
107	Stresses and strains on the human fetal skeleton during development. <i>Journal of the Royal Society Interface</i> , 2018 , 15,	4.1	35
106	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	6.4	28
105	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	2.2	24

104	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> , 2018 , 44, 663-672	5.2	4
103	3D printing from microfocus computed tomography (micro-CT) in human specimens: education and future implications. <i>British Journal of Radiology</i> , 2018 , 91, 20180306	3.4	20
102	Preclinical transgenic and patient-derived xenograft models recapitulate the radiological features of human adamantinomatous craniopharyngioma. <i>Brain Pathology</i> , 2018 , 28, 475-483	6	12
101	Factors affecting uptake of postmortem examination in the prenatal, perinatal and paediatric setting. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2018 , 125, 172-181	3.7	54
100	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	3.9	9
99	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	3.1	5
98	Altered biomechanical stimulation of the developing hip joint in presence of hip dysplasia risk factors. <i>Journal of Biomechanics</i> , 2018 , 78, 1-9	2.9	16
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	3.2	7
96	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	14.5	23
95	"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	3.7	28
94	High resolution isotropic diffusion imaging in post-mortem neonates: a feasibility study. <i>British Journal of Radiology</i> , 2018 , 91, 20180319	3.4	2
93	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	8	32
92	Development and validation of a physical model to investigate the biomechanics of infant head impact. <i>Forensic Science International</i> , 2017 , 276, 111-119	2.6	10
91	Multiple Cardiac Rhabdomyomas Visualised Using Micro-CT in a Case of Tuberous Sclerosis. <i>Fetal Diagnosis and Therapy</i> , 2017 , 41, 157-160	2.4	6
90	Current status of UK radiology trainee experience in post-mortem imaging: A questionnaire-based survey. <i>Journal of Forensic Radiology and Imaging</i> , 2017 , 9, 31-35	1.3	0
89	Early clinical applications for imaging at microscopic detail: microfocus computed tomography (micro-CT). <i>British Journal of Radiology</i> , 2017 , 90, 20170113	3.4	28
88	Current issues in postmortem imaging of perinatal and forensic childhood deaths. <i>Forensic Science, Medicine, and Pathology</i> , 2017 , 13, 58-66	1.5	20
87	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	3.2	22

86	Three-Dimensional Imaging-Based Web Application for Predicting Tracheal Tube Depth in Preterm Neonates. <i>Neonatology</i> , 2017 , 111, 376-382	4	2
85	Imaging the human placental microcirculation with micro-focus computed tomography: Optimisation of tissue preparation and image acquisition. <i>Placenta</i> , 2017 , 60, 36-39	3.4	11
84	Post-mortem magnetic resonance (PMMR) imaging of the brain in fetuses and children with histopathological correlation. <i>Clinical Radiology</i> , 2017 , 72, 1025-1037	2.9	10
83	Reply regarding 'Presentation to publication: institutional and individual factors'. <i>Pediatric Radiology</i> , 2017 , 47, 247-248	2.8	
82	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	1.7	6
81	Diffusion-weighted magnetic resonance imaging of the fetal brain in intrauterine growth restriction. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017 , 50, 79-87	5.8	23
80	Pediatric Medicine Postmortem Imaging in Suspected Child Abuse 2017 , 149-174		0
79	The Role of Cross-Sectional Imaging in the Investigation of Childhood Deaths 2017 , 1-21		0
78	ESPR postmortem imaging task force: where we begin. <i>Pediatric Radiology</i> , 2016 , 46, 1363-9	2.8	13
77	Accuracy of paediatric intraosseous needle placement from post mortem imaging. <i>Journal of Forensic Radiology and Imaging</i> , 2016 , 4, 63-69	1.3	6
76	Perinatal and paediatric post-mortem magnetic resonance imaging (PMMR): sequences and technique. <i>British Journal of Radiology</i> , 2016 , 89, 20151028	3.4	29
75	Consent for paediatric and perinatal postmortem investigations: Implications of less invasive autopsy. <i>Journal of Forensic Radiology and Imaging</i> , 2016 , 4, 7-11	1.3	12
74	Quantification of maceration changes using post mortem MRI in fetuses. <i>BMC Medical Imaging</i> , 2016 , 16, 34	2.9	14
73	Body weight lower limits of fetal postmortem MRI at 1.5 T. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016 , 48, 92-7	5.8	28
72	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, 54-6	0.5	19
71	Comparison of diagnostic performance for perinatal and paediatric post-mortem imaging: CT versus MRI. <i>European Radiology</i> , 2016 , 26, 2327-36	8	41
70	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	3.1	13
69	Tumor Imaging 2016 , 79-115		

68	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	7.3	29
67	Clinical utility of postmortem microcomputed tomography of the fetal heart: diagnostic imaging vs macroscopic dissection. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016 , 47, 58-64	5.8	43
66	Virtual pathological examination of the human fetal kidney using micro-CT. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016 , 48, 663-665	5.8	14
65	Achondroplasia: Really rhizomelic?. <i>American Journal of Medical Genetics, Part A</i> , 2016 , 170, 2039-43	2.5	7
64	X-ray phase contrast tomography; proof of principle for post-mortem imaging. <i>British Journal of Radiology</i> , 2016 , 89, 20150565	3.4	7
63	Diffusion-weighted post-mortem magnetic resonance imaging of the human fetal brain in situ. <i>European Journal of Radiology</i> , 2016 , 85, 1167-73	4.7	10
62	Presentation to publication: proportion of abstracts published for ESPR, SPR and IPR. <i>Pediatric Radiology</i> , 2016 , 46, 1371-7	2.8	11
61	Paediatric and perinatal postmortem imaging: the need for a subspecialty approach. <i>Pediatric Radiology</i> , 2015 , 45, 483-90	2.8	22
60	Diagnostic accuracy and limitations of post-mortem MRI for neurological abnormalities in fetuses and children. <i>Clinical Radiology</i> , 2015 , 70, 872-80	2.9	58
59	Postmortem magnetic resonance appearances of congenital high airway obstruction syndrome. <i>Pediatric Radiology</i> , 2015 , 45, 556-61	2.8	7
58	Postmortem cardiac imaging in fetuses and children. <i>Pediatric Radiology</i> , 2015 , 45, 549-55	2.8	13
57	Normal perinatal and paediatric postmortem magnetic resonance imaging appearances. <i>Pediatric Radiology</i> , 2015 , 45, 527-35	2.8	37
56	Diffusion-weighted perinatal postmortem magnetic resonance imaging as a marker of postmortem interval. <i>European Radiology</i> , 2015 , 25, 1399-406	8	19
55	Printed three-dimensional airway model assists planning of single-lung ventilation in a small child. <i>British Journal of Anaesthesia</i> , 2015 , 115, 616-20	5.4	24
54	Ventilated postmortem computed tomography in children: feasibility and initial experience. <i>International Journal of Legal Medicine</i> , 2015 , 129, 1113-20	3.1	20
53	Indications, advantages and limitations of perinatal postmortem imaging in clinical practice. <i>Pediatric Radiology</i> , 2015 , 45, 491-500	2.8	36
52	Postmortem image-guided biopsy for less-invasive diagnosis of congenital intracranial teratoma. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015 , 46, 741-3	5.8	5
51	Rib Fractures in Osteogenesis Imperfecta: Have we Learnt Anything About Child Abuse?. <i>Journal of Pediatric Orthopaedics</i> , 2015 , 35, e81	2.4	5

50	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, 531-6	3.1	18
49	Is there still a role for fetal and perinatal post-mortem radiography?. <i>Journal of Forensic Radiology and Imaging</i> , 2015 , 3, 5-11	1.3	7
48	Radiographic appearances of uncommon paediatric implants and devices. <i>Pediatric Radiology</i> , 2015 , 45, 905-14; quiz 902-4	2.8	
47	Diagnostic accuracy of post mortem MRI for abdominal abnormalities in foetuses and children. <i>European Journal of Radiology</i> , 2015 , 84, 474-481	4.7	36
46	Perinatal Imaging 2015 , 123-140		
45	Routine perinatal and paediatric post-mortem radiography: detection rates and implications for practice. <i>Pediatric Radiology</i> , 2014 , 44, 252-7	2.8	32
44	Current status of paediatric post-mortem imaging: an ESPR questionnaire-based survey. <i>Pediatric Radiology</i> , 2014 , 44, 244-51	2.8	23
43	Diagnostic accuracy of postmortem MRI for musculoskeletal abnormalities in fetuses and children. <i>Prenatal Diagnosis</i> , 2014 , 34, 1254-61	3.2	24
42	Post-mortem MRI as an alternative to non-forensic autopsy in foetuses and children: from research into clinical practice. <i>British Journal of Radiology</i> , 2014 , 87, 20130621	3.4	34
41	Multi-detector thoracic CT findings in cerebro-costo-mandibular syndrome: rib gaps and failure of costo-vertebral separation. <i>Skeletal Radiology</i> , 2014 , 43, 263-6	2.7	6
40	Mechanisms of intradural gas on post mortem magnetic resonance imaging. <i>Journal of Forensic Radiology and Imaging</i> , 2014 , 2, 138-142	1.3	1
39	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, 357-66	3.2	14
38	Think it through first: questions to consider in writing a successful grant application. <i>Pediatric Radiology</i> , 2014 , 44, 1507-11	2.8	9
37	Interactive neonatal gastrointestinal magnetic resonance imaging using fruit juice as an oral contrast media. <i>BMC Medical Imaging</i> , 2014 , 14, 33	2.9	15
36	Diagnostic accuracy of post-mortem MRI for thoracic abnormalities in fetuses and children. <i>European Radiology</i> , 2014 , 24, 2876-84	8	47
35	Duodenal haematoma following endoscopy as a marker of coagulopathy. <i>Pediatric Radiology</i> , 2014 , 44, 392-7	2.8	12
34	Detection of pulmonary nodules at paediatric CT: maximum intensity projections and axial source images are complementary. <i>Pediatric Radiology</i> , 2013 , 43, 820-6	2.8	20
33	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	2	13

32	Response to letter by Park & Shin--re: Comment on: Nutcracker and SMA syndrome: what is the normal SMA angle in children? [Eur J Radiol 81 (2012) e854-e861]. <i>European Journal of Radiology</i> , 2013 , 82, 1035	4.7	1
31	Interactive magnetic resonance imaging for paediatric vesicoureteric reflux (VUR). <i>European Journal of Radiology</i> , 2013 , 82, e112-9	4.7	5
30	Safety in pediatric imaging: an update. <i>Acta Radiologica</i> , 2013 , 54, 983-90	2	11
29	Anaesthesia or sedation for paediatric MRI: advantages and disadvantages. <i>Current Opinion in Anaesthesiology</i> , 2013 , 26, 489-94	2.9	30
28	THE LESS-INVASIVE PERINATAL AUTOPSY: CURRENT STATUS AND FUTURE DIRECTIONS. <i>Fetal and Maternal Medicine Review</i> , 2013 , 24, 45-59		13
27	Weight-based determination of spinal canal depth for paediatric lumbar punctures. <i>Archives of Disease in Childhood</i> , 2013 , 98, 877-80	2.2	7
26	Is fetal cerebral MRI worthwhile in antenatally diagnosed isolated cleft lip with or without palate?. <i>Prenatal Diagnosis</i> , 2013 , 33, 273-8	3.2	9
25	Post-mortem skeletal surveys in suspected non-accidental injury. <i>Clinical Radiology</i> , 2012 , 67, 868-76	2.9	15
24	MR determination of neonatal spinal canal depth. <i>European Journal of Radiology</i> , 2012 , 81, e813-6	4.7	1
23	Nutcracker and SMA syndromes: What is the normal SMA angle in children?. <i>European Journal of Radiology</i> , 2012 , 81, e854-61	4.7	39
22	The challenges of neonatal magnetic resonance imaging. <i>Pediatric Radiology</i> , 2012 , 42, 1183-94	2.8	27
21	Interactive magnetic resonance voiding cystourethrography (iMRVC) for vesicoureteric reflux (VUR) in unsedated infants: a feasibility study. <i>European Radiology</i> , 2011 , 21, 1874-81	8	10
20	Functional and molecular imaging with MRI: potential applications in paediatric radiology. <i>Pediatric Radiology</i> , 2011 , 41, 185-98	2.8	4
19	Paediatric MRI under sedation: is it necessary? What is the evidence for the alternatives?. <i>Pediatric Radiology</i> , 2011 , 41, 1353-64	2.8	123
18	Dual innervation of adductor magnus. <i>Clinical Anatomy</i> , 2011 , 24, 793-793	2.5	
17	Clinical Impact of Point-of-Care Testing Using the OMNI-S Blood Gas Analyzer in a Neonatal Intensive Care Setting. <i>Point of Care</i> , 2010 , 9, 21-24	0.4	3
16	Adductor magnus: a post-operative illustration of its dual nerve supply. <i>Clinical Anatomy</i> , 2010 , 23, 115-9.5	2.5	5
15	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, 157-61	3.4	16

14	A randomized study to validate a midspinal canal depth nomogram in neonates. <i>American Journal of Perinatology</i> , 2009 , 26, 733-8	3.3	4
13	The toddler refusing to weight-bear: a revised imaging guide from a case series. <i>Emergency Medicine Journal</i> , 2009 , 26, 797-801	1.5	13
12	Point of care estimation in neonates: not just for haemoglobin. <i>Archives of Disease in Childhood</i> , 2008 , 93, 353-4	2.2	1
11	Ultrasonographic determination of neonatal spinal canal depth. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2008 , 93, F451-4	4.7	20
10	Malfunctioning central venous catheters in children: a diagnostic approach. <i>Pediatric Radiology</i> , 2008 , 38, 363-78, quiz 486-7	2.8	40
9	Intracortically distributed neurovascular coupling relationships within and between human somatosensory cortices. <i>Cerebral Cortex</i> , 2007 , 17, 661-8	5.1	26
8	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	0.4	4
7	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	2.3	34
6	Dopaminergic effects on electrophysiological and functional MRI measures of human cortical stimulus-response power laws. <i>NeuroImage</i> , 2004 , 21, 540-6	7.9	24
5	What aspect of the fMRI BOLD signal best reflects the underlying electrophysiology in human somatosensory cortex?. <i>Clinical Neurophysiology</i> , 2003 , 114, 1203-9	4.3	90
4	How well do we understand the neural origins of the fMRI BOLD signal?. <i>Trends in Neurosciences</i> , 2002 , 25, 27-31	13.3	270
3	Transcranial magnetic stimulation for depression and other psychiatric disorders. <i>Psychological Medicine</i> , 2001 , 31, 1141-6	6.9	173
2	Linear coupling between functional magnetic resonance imaging and evoked potential amplitude in human somatosensory cortex. <i>Neuroscience</i> , 2000 , 101, 803-6	3.9	109
1	Seasonal neuroendocrine rhythms in the male Siberian hamster persist after monosodium glutamate-induced lesions of the arcuate nucleus in the neonatal period. <i>Journal of Neuroendocrinology</i> , 1998 , 10, 701-12	3.8	50