

# Elka Miller

## List of Publications by Year in descending order

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76  
papers

1,829  
citations

279701

23  
h-index

276775

41  
g-index

80  
all docs

80  
docs citations

80  
times ranked

2312  
citing authors

#	ARTICLE	IF	CITATIONS
1	18F-FDG PET/CT in the evaluation of adrenal masses. <i>Journal of Nuclear Medicine</i> , 2006, 47, 32-7.	2.8	178
2	Benign Nonphysiologic Lesions with Increased <sup>18</sup> F-FDG Uptake on PET/CT: Characterization and Incidence. <i>American Journal of Roentgenology</i> , 2007, 189, 1203-1210.	1.0	129
3	The old and the new: supratentorial MR findings in Chiari II malformation. <i>Child's Nervous System</i> , 2008, 24, 563-575.	0.6	100
4	Construction of a Machine Learning Dataset through Collaboration: The RSNA 2019 Brain CT Hemorrhage Challenge. <i>Radiology: Artificial Intelligence</i> , 2020, 2, e190211.	3.0	94
5	Role of 18F-FDG PET/CT in Staging and Follow-up of Lymphoma in Pediatric and Young Adult Patients. <i>Journal of Computer Assisted Tomography</i> , 2006, 30, 689-694.	0.5	91
6	Solid splenic masses: evaluation with 18F-FDG PET/CT. <i>Journal of Nuclear Medicine</i> , 2005, 46, 52-9.	2.8	81
7	Evaluation of Subcortical White Matter and Deep White Matter Tracts in Malformations of Cortical Development. <i>Epilepsia</i> , 2007, 48, 1460-1469.	2.6	80
8	Evidence-Based Outcomes of Studies Addressing Diagnostic Accuracy of MRI of Juvenile Idiopathic Arthritis. <i>American Journal of Roentgenology</i> , 2009, 192, 1209-1218.	1.0	69
9	Low-Risk Lumbar Skin Stigmata in Infants: The Role of Ultrasound Screening. <i>Journal of Pediatrics</i> , 2009, 155, 864-869.	0.9	61
10	Fast-brain MRI in children is quick, without sedation, and radiation-free, but beware of limitations. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 400-405.	0.8	58
11	Radiograph-Negative Lateral Ankle Injuries in Children. <i>JAMA Pediatrics</i> , 2016, 170, e154114.	3.3	55
12	Brain and Bone Abnormalities of Thanatophoric Dwarfism. <i>American Journal of Roentgenology</i> , 2009, 192, 48-51.	1.0	48
13	Atypical characteristics and behavior of dysembryoplastic neuroepithelial tumors. <i>Neuroradiology</i> , 2013, 55, 217-224.	1.1	46
14	Toward Establishing a Standardized Magnetic Resonance Imaging Scoring System for Temporomandibular Joints in Juvenile Idiopathic Arthritis. <i>Arthritis Care and Research</i> , 2018, 70, 758-767.	1.5	46
15	Percutaneous drainage as the treatment of choice for neonatal ovarian cysts. <i>Pediatric Radiology</i> , 2006, 36, 954-958.	1.1	42
16	Cranial Ultrasound as a First-Line Imaging Examination for Craniosynostosis. <i>Pediatrics</i> , 2016, 137, e20152230.	1.0	39
17	Juvenile Idiopathic Arthritis of the Axial Joints: A Systematic Review of the Diagnostic Accuracy and Predictive Value of Conventional MRI. <i>American Journal of Roentgenology</i> , 2014, 202, 199-210.	1.0	36
18	Color Doppler US of normal cerebral venous sinuses in neonates: a comparison with MR venography. <i>Pediatric Radiology</i> , 2012, 42, 1070-1079.	1.1	35

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19	Active Video Gaming for Children with Cerebral Palsy: Does a Clinic-Based Virtual Reality Component Offer an Additive Benefit? A Pilot Study. <i>Physical and Occupational Therapy in Pediatrics</i> , 2018, 38, 74-87.	0.8	31
20	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
21	The neurocognitive outcome of mild isolated fetal ventriculomegaly verified by prenatal magnetic resonance imaging. <i>American Journal of Obstetrics and Gynecology</i> , 2009, 201, 215.e1-215.e6.	0.7	26
22	Impact of prenatal magnetic resonance imaging on postnatal neurosurgical treatment. <i>Journal of Neurosurgery: Pediatrics</i> , 2006, 105, 203-209.	0.8	24
23	Magnetic resonance imaging findings and neurodevelopmental outcomes in neonates with urea-cycle defects. <i>International Medical Case Reports Journal</i> , 2013, 6, 41.	0.3	24
24	1H-MRS for the diagnosis of acute disseminated encephalomyelitis: insight into the acute-disease stage. <i>Pediatric Radiology</i> , 2010, 40, 106-113.	1.1	21
25	Does 3T Fetal MRI Improve Image Resolution of Normal Brain Structures between 20 and 24 Weeks' Gestational Age?. <i>American Journal of Neuroradiology</i> , 2017, 38, 1636-1642.	1.2	21
26	Imaging of temporomandibular joint abnormalities in juvenile idiopathic arthritis with a focus on developing a magnetic resonance imaging protocol. <i>Pediatric Radiology</i> , 2018, 48, 792-800.	1.1	21
27	Pituitary abscess: an unexpected diagnosis. <i>Pediatric Radiology</i> , 2010, 40, 219-222.	1.1	20
28	Automatic Measurement of Fetal Brain Development from Magnetic Resonance Imaging: New Reference Data. <i>Fetal Diagnosis and Therapy</i> , 2018, 43, 113-122.	0.6	19
29	Cortical Reorganization following Injury Early in Life. <i>Neural Plasticity</i> , 2016, 2016, 1-9.	1.0	18
30	Whole-body MRI versus an FDG-PET/CT-based reference standard for staging of paediatric Hodgkin lymphoma: a prospective multicentre study. <i>European Radiology</i> , 2021, 31, 1494-1504.	2.3	17
31	ESPR postmortem imaging task force: where we begin. <i>Pediatric Radiology</i> , 2016, 46, 1363-1369.	1.1	15
32	Automatic linear measurements of the fetal brain on MRI with deep neural networks. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2021, 16, 1481-1492.	1.7	15
33	Fetal MR imaging of atelosteogenesis type II (AO-II). <i>Pediatric Radiology</i> , 2008, 38, 1345-1349.	1.1	14
34	Comparison of the diagnostic performance of the 2017 ACR TI-RADS guideline to the Kwak guideline in children with thyroid nodules. <i>Pediatric Radiology</i> , 2019, 49, 862-868.	1.1	14
35	The Clinical Impact of Camera-Based Positron Emission Tomography Imaging in Patients With Recurrent Colorectal Cancer. <i>Investigative Radiology</i> , 2004, 39, 8-12.	3.5	13
36	Timing and Utility of Ultrasound in Diarrhea-Associated Hemolytic Uremic Syndrome: 7-Year Experience of a Large Tertiary Care Hospital. <i>Clinical Pediatrics</i> , 2010, 49, 418-421.	0.4	12

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37	Assessing the Reliability of the OMERACT Juvenile Idiopathic Arthritis Magnetic Resonance Scoring System for Temporomandibular Joints (JAMRIS-TMJ). <i>Journal of Clinical Medicine</i> , 2021, 10, 4047.	1.0	12
38	Juvenile Idiopathic Arthritis of Peripheral Joints. <i>Academic Radiology</i> , 2009, 16, 739-757.	1.3	11
39	Alleviation of Neonatal Sinovenous Compression to Enhance Cerebral Venous Blood Flow. <i>Journal of Child Neurology</i> , 2013, 28, 583-588.	0.7	11
40	Mass at the Splenic Hilum. <i>Journal of Ultrasound in Medicine</i> , 2003, 22, 527-530.	0.8	10
41	Influence of timing of initiation of therapeutic hypothermia on brain MRI and neurodevelopment at 18 months in infants with HIE: a retrospective cohort study. <i>BMJ Paediatrics Open</i> , 2019, 3, e000442.	0.6	10
42	Whole-body MRI versus an [18F]FDG-PET/CT-based reference standard for early response assessment and restaging of paediatric Hodgkin's lymphoma: a prospective multicentre study. <i>European Radiology</i> , 2021, 31, 8925-8936.	2.3	10
43	Whole-Body Diffusion-Weighted MRI Compared to <sup>18 F</sup> FDG PET/CT in Initial Staging and Therapy Response Assessment of Hodgkin Lymphoma in Pediatric Patients. <i>Canadian Association of Radiologists Journal</i> , 2020, 71, 217-225.	1.1	9
44	Discrete Choice Experiment on a Magnetic Resonance Imaging Scoring System for Temporomandibular Joints in Juvenile Idiopathic Arthritis. <i>Arthritis Care and Research</i> , 2022, 74, 308-316.	1.5	9
45	Cranial nerve hypertrophy in pediatric chronic inflammatory demyelinating polyradiculoneuropathy. <i>Pediatric Radiology</i> , 2010, 40, 176-176.	1.1	8
46	Magnetic resonance imaging of a unique mutation in a family with Pelizaeus's Merzbacher disease. <i>American Journal of Medical Genetics, Part A</i> , 2010, 152A, 748-752.	0.7	8
47	Subcutaneous fat pads on body MRI – an early sign of congenital disorder of glycosylation PMM2-CDG (CDG1a). <i>Pediatric Radiology</i> , 2014, 44, 222-225.	1.1	8
48	NID1 variant associated with occipital cephaloceles in a family expressing a spectrum of phenotypes. <i>American Journal of Medical Genetics, Part A</i> , 2019, 179, 837-841.	0.7	8
49	Fetal MRI assessment of posterior fossa anomalies: A review. <i>Journal of Neuroimaging</i> , 2021, 31, 620-640.	1.0	8
50	Twenty classic hand radiographs that lead to diagnosis. <i>Pediatric Radiology</i> , 2010, 40, 747-761.	1.1	7
51	Central Nervous System Venulitis Presenting as Migraine. <i>Headache</i> , 2014, 54, 541-544.	1.8	7
52	Phosphoserine aminotransferase deficiency: imaging findings in a child with congenital microcephaly. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020, 33, 1033-1035.	0.7	7
53	4H leukodystrophy. <i>Neurology: Genetics</i> , 2020, 6, e409.	0.9	7
54	Prognostic Accuracy of Fetal MRI in Predicting Postnatal Neurodevelopmental Outcome. <i>American Journal of Neuroradiology</i> , 2020, 41, 2146-2154.	1.2	6

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55	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
56	Fetal segmental spinal dysgenesis and unusual segmental agenesis of the anterior spinal artery. <i>Child's Nervous System</i> , 2016, 32, 1537-1541.	0.6	5
57	COL4A1 Mutation in a Pediatric Patient Presenting with Post-Ictal Hemiparesis. <i>Canadian Journal of Neurological Sciences</i> , 2012, 39, 654-657.	0.3	4
58	Physiologic characterization of inflammatory arthritis in a rabbit model with BOLD and DCE MRI at 1.5 Tesla. <i>European Radiology</i> , 2014, 24, 2766-2778.	2.3	4
59	Expansion of the clinical phenotype of the distal 10q26.3 deletion syndrome to include ataxia and hyperemia of the hands and feet. <i>American Journal of Medical Genetics, Part A</i> , 2017, 173, 1611-1619.	0.7	4
60	Centile charts for cranial sutures in children younger than 1 year based on ultrasound measurements. <i>Pediatric Radiology</i> , 2018, 48, 701-707.	1.1	2
61	Apparent Diffusion Coefficient of the Placenta in Twin versus Singleton Pregnancies. <i>Fetal Diagnosis and Therapy</i> , 2018, 44, 129-134.	0.6	2
62	Non-visualization of the ovaries on pediatric transabdominal ultrasound with a non-distended bladder: Can adnexal torsion be excluded?. <i>Pediatric Radiology</i> , 2019, 49, 1313-1319.	1.1	2
63	Neuromuscular Diseases. , 2015, , 827-872.		1
64	Magnetic Resonance Imaging Findings Are Associated with Long-Term Global Neurological Function or Death after Traumatic Brain Injury in Critically Ill Children. <i>Journal of Neurotrauma</i> , 2021, 38, 2407-2418.	1.7	1
65	Imaging for Early Assessment of Peripheral Joints in Juvenile Idiopathic Arthritis. , 2010, , 219-243.		1
66	Coincidence imaging using 2 dual-head gamma-camera systems, with and without attenuation correction. <i>Journal of Nuclear Medicine Technology</i> , 2004, 32, 190-7.	0.4	1
67	DOES THE TIMING OF INITIATION OF THERAPEUTIC HYPOTHERMIA INFLUENCE MRI FINDINGS AND OUTCOMES IN ENCEPHALOPATHIC BABIES?. <i>Paediatrics and Child Health</i> , 2018, 23, e23-e23.	0.3	0
68	Errors and Pitfalls in Emergency Pediatric Imaging. , 2019, , 207-245.		0
69	Acute Limbic Encephalitis in a 16-year-old Boy. <i>Pediatric Infectious Disease Journal</i> , 2020, 39, 562-562.	1.1	0
70	Risk of Hypothyroidism After Administration of Iodinated Contrast Material in Neonates: Are You Aware?. <i>Canadian Association of Radiologists Journal</i> , 2021, 72, 192-193.	1.1	0
71	A teenager with ocular signs after tongue injury. <i>Paediatrics and Child Health</i> , 2022, 27, 4-6.	0.3	0
72	Magnetic resonance imaging of the developing fetal brain structures. , 2021, , 191-201.		0

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73	Growth in Thanatophoric Dysplasia. , 2012, , 2349-2363.		0
74	Diagnostic Evaluation of the Posterior Fossa with Antenatal and Post-Mortem MRI: An Unfolded View. Journal of Fetal Medicine, 0, , 1.	0.1	0
75	Pediatric Petrous Apex Lesions: A Radiological Classification and Diagnostic Algorithm. Canadian Association of Radiologists Journal, 2022, , 084653712210748.	1.1	0
76	Imaging of Pediatric Head and Neck Emergencies. , 2022, , 721-737.		0