

Gregor J Kasprian

List of Publications by Year in descending order

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207
papers

4,321
citations

136740

32
h-index

149479

56
g-index

258
all docs

258
docs citations

258
times ranked

5332
citing authors

#	ARTICLE	IF	CITATIONS
1	Collaborative European NeuroTrauma Effectiveness Research in Traumatic Brain Injury (CENTER-TBI). <i>Neurosurgery</i> , 2015, 76, 67-80.	0.6	386
2	MRI of normal fetal brain development. <i>European Journal of Radiology</i> , 2006, 57, 199-216.	1.2	203
3	In utero tractography of fetal white matter development. <i>NeuroImage</i> , 2008, 43, 213-224.	2.1	198
4	The Prenatal Origin of Hemispheric Asymmetry: An In Utero Neuroimaging Study. <i>Cerebral Cortex</i> , 2011, 21, 1076-1083.	1.6	164
5	Long-term evolution of multiple sclerosis iron rim lesions in 7 T MRI. <i>Brain</i> , 2021, 144, 833-847.	3.7	126
6	MRI of normal and pathological fetal lung development. <i>European Journal of Radiology</i> , 2006, 57, 261-270.	1.2	117
7	Watching the fetal brain at fMRI . <i>International Journal of Developmental Neuroscience</i> , 2012, 30, 11-17.	0.7	112
8	Fetal functional imaging portrays heterogeneous development of emerging human brain networks. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 852.	1.0	109
9	Aberrant gut-microbiota-immune-brain axis development in premature neonates with brain damage. <i>Cell Host and Microbe</i> , 2021, 29, 1558-1572.e6.	5.1	80
10	Placental Pathologies in Fetal MRI with Pathohistological Correlation. <i>Placenta</i> , 2009, 30, 555-559.	0.7	68
11	The influence of brain iron on myelin water imaging. <i>NeuroImage</i> , 2019, 199, 545-552.	2.1	68
12	Disrupted developmental organization of the structural connectome in fetuses with corpus callosum agenesis. <i>NeuroImage</i> , 2015, 111, 277-288.	2.1	63
13	3T MR tomography of the brachial plexus: Structural and microstructural evaluation. <i>European Journal of Radiology</i> , 2012, 81, 2231-2245.	1.2	62
14	Disruption of nigrostriatal and cerebellothalamic pathways in dopamine responsive Holmes' tremor. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2009, 80, 921-923.	0.9	60
15	In Vivo Tractography of Fetal Association Fibers. <i>PLoS ONE</i> , 2015, 10, e0119536.	1.1	60
16	Fetal MRI detects early alterations of brain development in Tetralogy of Fallot. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 213, 392.e1-392.e7.	0.7	58
17	Assessing prenatal white matter connectivity in commissural agenesis. <i>Brain</i> , 2013, 136, 168-179.	3.7	57
18	Normal renal development investigated with fetal MRI. <i>European Journal of Radiology</i> , 2006, 57, 294-302.	1.2	55

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19	Prediction of Outcome in Neonates with Hypoxic-Ischemic Encephalopathy II: Role of Amplitude-Integrated Electroencephalography and Cerebral Oxygen Saturation Measured by Near-Infrared Spectroscopy. <i>Neonatology</i> , 2017, 112, 193-202.	0.9	55
20	MRI of fetal acquired brain lesions. <i>European Journal of Radiology</i> , 2006, 57, 233-249.	1.2	51
21	Epilepsy surgery in children and adolescents with malformations of cortical developmentâ€”Outcome and impact of the new ILAE classification on focal cortical dysplasia. <i>Epilepsy Research</i> , 2014, 108, 1652-1661.	0.8	51
22	Fetal MRI at 3Tâ€”ready for routine use?. <i>British Journal of Radiology</i> , 2017, 90, 20160362.	1.0	50
23	Efficacy and safety of Everolimus in children with TSC - associated epilepsy â€” Pilot data from an open single-center prospective study. <i>Orphanet Journal of Rare Diseases</i> , 2016, 11, 145.	1.2	47
24	A spatio-temporal latent atlas for semi-supervised learning of fetal brain segmentations and morphological age estimation. <i>Medical Image Analysis</i> , 2014, 18, 9-21.	7.0	45
25	MR neurography of ulnar nerve entrapment at the cubital tunnel: a diffusion tensor imaging study. <i>European Radiology</i> , 2015, 25, 1911-1918.	2.3	45
26	Neuroimaging of classic neuralgic amyotrophy. <i>Muscle and Nerve</i> , 2016, 54, 1079-1085.	1.0	41
27	Susceptibility-sensitive MRI of multiple sclerosis lesions and the impact of normal-appearing white matter changes. <i>NMR in Biomedicine</i> , 2017, 30, e3727.	1.6	39
28	Assessment of lung development in isolated congenital diaphragmatic hernia using signal intensity ratios on fetal MR imaging. <i>European Radiology</i> , 2010, 20, 829-837.	2.3	38
29	MRI of the Fetal Brain. <i>Clinical Neuroradiology</i> , 2015, 25, 189-196.	1.0	36
30	Diffusion-weighted MR imaging of the normal fetal lung. <i>European Radiology</i> , 2008, 18, 700-706.	2.3	35
31	Monitoring of plexiform neurofibroma in children and adolescents with neurofibromatosis type 1 by [¹⁸ F]FDGâ€”PET imaging. Is it of value in asymptomatic patients?. <i>Pediatric Blood and Cancer</i> , 2018, 65, e26733.	0.8	35
32	Fetal Diffusion Imaging. <i>Topics in Magnetic Resonance Imaging</i> , 2010, 21, 387-394.	0.7	34
33	Validation of In utero Tractography of Human Fetal Commissural and Internal Capsule Fibers with Histological Structure Tensor Analysis. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 164.	0.9	34
34	Acute radial nerve entrapment at the spiral groove: detection by DTI-based neurography. <i>European Radiology</i> , 2015, 25, 1678-1683.	2.3	33
35	Magnetic resonance imaging of the placenta identifies placental vascular abnormalities independently of Doppler ultrasound. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011, 37, 717-722.	0.9	32
36	Peripheral nerve tractography in soft tissue tumors: A preliminary 3â€”tesla diffusion tensor magnetic resonance imaging study. <i>Muscle and Nerve</i> , 2015, 51, 338-345.	1.0	32

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37	Microvessel ultrasound of neonatal brain parenchyma: feasibility, reproducibility, and normal imaging features by superb microvascular imaging (SMI). <i>European Radiology</i> , 2019, 29, 2127-2136.	2.3	32
38	MRI investigation of normal fetal lung maturation using signal intensities on different imaging sequences. <i>European Radiology</i> , 2007, 17, 835-842.	2.3	31
39	Magnetic resonance methods in fetal neurology. <i>Seminars in Fetal and Neonatal Medicine</i> , 2012, 17, 278-284.	1.1	31
40	Type 1 diabetes and epilepsy: Efficacy and safety of the ketogenic diet. <i>Epilepsia</i> , 2010, 51, 1086-1089.	2.6	30
41	Brain Tumor Surgery With 3-Dimensional Surface Navigation. <i>Operative Neurosurgery</i> , 2012, 71, ons286-ons295.	0.4	30
42	Fetal akinesia and associated abnormalities on prenatal MRI. <i>Prenatal Diagnosis</i> , 2011, 31, 484-490.	1.1	28
43	Fetal/neonatal Thyrotoxicosis in a Newborn From a Hypothyroid Woman With Hashimoto's Thyroiditis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, jc.2016-2999.	1.8	27
44	Toxicity and efficacy of Gamma Knife radiosurgery for brain metastases in melanoma patients treated with immunotherapy or targeted therapy: A retrospective cohort study. <i>Cancer Medicine</i> , 2020, 9, 4026-4036.	1.3	27
45	Diffusion tensor tractography for the surgical management of peripheral nerve sheath tumors. <i>Neurosurgical Focus</i> , 2015, 39, E17.	1.0	25
46	Mirror Therapy in Lower Limb Amputees: A Look Beyond Primary Motor Cortex Reorganization. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2011, 183, 1051-1057.	0.7	24
47	Fetal Cerebral Magnetic Resonance Imaging Beyond Morphology. <i>Seminars in Ultrasound, CT and MRI</i> , 2015, 36, 465-475.	0.7	24
48	Prenatal Imaging of Occipital Encephaloceles. <i>Fetal Diagnosis and Therapy</i> , 2015, 37, 241-248.	0.6	24
49	How accurate are prenatal tractography results? A postnatal in vivo follow-up study using diffusion tensor imaging. <i>Pediatric Radiology</i> , 2018, 48, 486-498.	1.1	24
50	The role of the corpus callosum in language network connectivity in children. <i>Developmental Science</i> , 2021, 24, e13031.	1.3	24
51	The Current State and Future of Fetal Imaging. <i>Clinics in Perinatology</i> , 2009, 36, 685-699.	0.8	23
52	Arterial Spin-Labeling Assessment of Normalized Vascular Intratumoral Signal Intensity as a Predictor of Histologic Grade of Astrocytic Neoplasms. <i>American Journal of Neuroradiology</i> , 2014, 35, 482-489.	1.2	23
53	Echo-planar FLAIR Sequence Improves Subplate Visualization in Fetal MRI of the Brain. <i>Radiology</i> , 2019, 292, 159-169.	3.6	23
54	Fetal ocular measurements by MRI. <i>Prenatal Diagnosis</i> , 2010, 30, 1064-1071.	1.1	22

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55	MR-Based Morphometry of the Posterior Fossa in Fetuses with Neural Tube Defects of the Spine. PLoS ONE, 2014, 9, e112585.	1.1	22
56	Three-dimensional visualization of fetal white matter pathways <i>in utero</i> . Ultrasound in Obstetrics and Gynecology, 2011, 37, 252-253.	0.9	21
57	A systematic investigation of the invariance of resting-state network patterns: is resting-state fMRI ready for pre-surgical planning?. Frontiers in Human Neuroscience, 2013, 7, 95.	1.0	21
58	Fetal diffusion tensor quantification of brainstem pathology in Chiari II malformation. European Radiology, 2016, 26, 1274-1283.	2.3	21
59	SyMRI detects delayed myelination in preterm neonates. European Radiology, 2019, 29, 7063-7072.	2.3	21
60	Utility of Absolute Quantification in Non-lesional Extratemporal Lobe Epilepsy Using FDG PET/MR Imaging. Frontiers in Neurology, 2020, 11, 54.	1.1	21
61	Abnormalities of the upper extremities on fetal magnetic resonance imaging. Ultrasound in Obstetrics and Gynecology, 2011, 38, 559-567.	0.9	20
62	Tumor disease and associated congenital abnormalities on prenatal MRI. European Journal of Radiology, 2012, 81, e115-e122.	1.2	20
63	Situs anomalies on prenatal MRI. European Journal of Radiology, 2012, 81, e495-e501.	1.2	20
64	Intramuscular distribution of botulinum toxin visualized by MRI. Journal of the Neurological Sciences, 2014, 344, 76-79.	0.3	20
65	Forebrain development in fetal MRI: evaluation of anatomical landmarks before gestational week 27. Neuroradiology, 2010, 52, 495-504.	1.1	19
66	Weaker semantic language lateralization associated with better semantic language performance in healthy right-handed children. Brain and Behavior, 2018, 8, e01072.	1.0	19
67	Distributed changes of the functional connectome in patients with glioblastoma. Scientific Reports, 2020, 10, 18312.	1.6	19
68	Diagnostic Pitfalls in Fetal Brain MRI. Seminars in Perinatology, 2009, 33, 251-258.	1.1	18
69	Male sexual development <i>in utero</i> : testicular descent on prenatal magnetic resonance imaging. Ultrasound in Obstetrics and Gynecology, 2011, 38, 688-694.	0.9	18
70	Human Long Bone Development in Vivo: Analysis of the Distal Femoral Epimetaphysis on MR Images of Fetuses. Radiology, 2013, 267, 570-580.	3.6	18
71	Mesial temporal lobe epilepsy: long-term seizure outcome of patients primarily treated with transylvian selective amygdalohippocampectomy. Journal of Neurosurgery, 2018, 129, 174-181.	0.9	18
72	Atypical language representation is unfavorable for language abilities following childhood stroke. European Journal of Paediatric Neurology, 2019, 23, 102-116.	0.7	18

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73	MRI of the placenta – a short review. Wiener Medizinische Wochenschrift, 2012, 162, 225-228.	0.5	17
74	The relationship between eye movement and vision develops before birth. Frontiers in Human Neuroscience, 2014, 8, 775.	1.0	17
75	Risk of inferior vena cava compression syndrome during fetal MRI in the supine position – a retrospective analysis. Journal of Perinatal Medicine, 2014, 42, 301-306.	0.6	17
76	Improved neurodevelopmental prognostication in isolated corpus callosal agenesis: fetal magnetic resonance imaging-based scoring system. Ultrasound in Obstetrics and Gynecology, 2021, 58, 34-41.	0.9	17
77	Three-dimensional reconstruction of defects in congenital diaphragmatic hernia: a fetal MRI study. Ultrasound in Obstetrics and Gynecology, 2019, 53, 816-826.	0.9	16
78	Diagnostic exome sequencing in non-acquired focal epilepsies highlights a major role of GATOR1 complex genes. Journal of Medical Genetics, 2020, 57, 624-633.	1.5	16
79	Effect of corpus callosum agenesis on the language network in children and adolescents. Brain Structure and Function, 2021, 226, 701-713.	1.2	16
80	Clubfeet and associated abnormalities on fetal magnetic resonance imaging. Prenatal Diagnosis, 2012, 32, 822-828.	1.1	15
81	Giant solid-cystic hypothalamic hamartoma. Neurosurgical Focus, 2011, 30, E7.	1.0	14
82	Abnormalities of the penis in utero – hypospadias on fetal MRI. Journal of Perinatal Medicine, 2011, 39, 451-6.	0.6	14
83	Mens inversus in corpore inverso? Language lateralization in a boy with situs inversus totalis. Brain and Language, 2017, 174, 9-15.	0.8	14
84	When two are better than one: Bilateral mesial temporal lobe contributions associated with better vocabulary skills in children and adolescents. Brain and Language, 2018, 184, 1-10.	0.8	14
85	Visualization of resting-state networks <i>in utero</i>. Ultrasound in Obstetrics and Gynecology, 2012, 39, 487-488.	0.9	13
86	Infiltrative gliomas of the thalamus in children: the role of surgery in the era of H3 K27M mutant midline gliomas. Acta Neurochirurgica, 2021, 163, 2025-2035.	0.9	13
87	Language network reorganization before and after temporal lobe epilepsy surgery. Journal of Neurosurgery, 2021, 134, 1694-1702.	0.9	13
88	Developmental dynamics of the periventricular parietal crossroads of growing cortical pathways in the fetal brain – In vivo fetal MRI with histological correlation. NeuroImage, 2020, 210, 116553.	2.1	12
89	A novel magnetic resonance imaging-based scoring system to predict outcome in neonates born preterm with intraventricular haemorrhage. Developmental Medicine and Child Neurology, 2022, 64, 608-617.	1.1	12
90	Abnormal Extracardiac Development in Fetuses With Congenital Heart Disease. Journal of the American College of Cardiology, 2021, 78, 2312-2322.	1.2	12

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91	Female external genitalia on fetal magnetic resonance imaging. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011, 38, 695-700.	0.9	11
92	Fetal MRI for prediction of neonatal mortality following preterm premature rupture of the fetal membranes. <i>Pediatric Radiology</i> , 2011, 41, 1416-1420.	1.1	10
93	Two Cases of Pediatric AQP4-Antibody Positive Neuromyelitis Optica Spectrum Disorder Successfully Treated with Tocilizumab. <i>Neuropediatrics</i> , 2019, 50, 193-196.	0.3	10
94	Lesion-Specific Language Network Alterations in Temporal Lobe Epilepsy. <i>American Journal of Neuroradiology</i> , 2020, 41, 147-154.	1.2	10
95	Normal human brainstem development <i>in vivo</i> : a quantitative fetal MRI study. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 58, 254-263.	0.9	10
96	Neuronal correlates of cognitive function in patients with childhood cerebellar tumor lesions. <i>PLoS ONE</i> , 2017, 12, e0180200.	1.1	10
97	Nerve compression and pain in human volunteers with narrowvwide tourniquets. <i>World Journal of Orthopedics</i> , 2015, 6, 394.	0.8	9
98	Presurgical evaluation of pediatric epilepsy patients prior to hemispherotomy: the prognostic value of 18F-FDG PET. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 18, 683-688.	0.8	9
99	Underdevelopment of the Human Hippocampus in Callosal Agenesis: An In Vivo Fetal MRI Study. <i>American Journal of Neuroradiology</i> , 2019, 40, 576-581.	1.2	9
100	Prenatal ultrasound and magnetic resonance evaluation and fetal outcome in high-risk fetal tumors: A retrospective single-center cohort study over 20 years. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2020, 99, 1534-1545.	1.3	9
101	Reference ranges for fetal brain structures using magnetic resonance imaging: systematic review. <i>Ultrasound in Obstetrics and Gynecology</i> , 2022, 59, 296-303.	0.9	9
102	Diffusion tensor imaging of fetal brain: principles, potential and limitations of promising technique. <i>Ultrasound in Obstetrics and Gynecology</i> , 2022, 60, 470-476.	0.9	9
103	Visualisation of treatment response in a case of cerebrotendinous xanthomatosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 703-704.	0.9	8
104	Alterations in GABAA Receptor Subunit Expression in the Amygdala and Entorhinal Cortex in Human Temporal Lobe Epilepsy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019, 78, 1022-1048.	0.9	8
105	Voxel-Based Morphometry”from Hype to Hope. A Study on Hippocampal Atrophy in Mesial Temporal Lobe Epilepsy. <i>American Journal of Neuroradiology</i> , 2020, 41, 987-993.	1.2	8
106	Validity of SyMRI for Assessment of the Neonatal Brain. <i>Clinical Neuroradiology</i> , 2021, 31, 315-323.	1.0	8
107	Automated volumetry of hippocampal subfields in temporal lobe epilepsy. <i>Epilepsy Research</i> , 2021, 175, 106692.	0.8	8
108	Fetal cardiac disease and fetal lung volume: an <i>in utero</i> MRI investigation. <i>Prenatal Diagnosis</i> , 2014, 34, 273-278.	1.1	7

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109	Cerebral Lesions at Fetal Magnetic Resonance Imaging and Neurologic Outcome After Single Fetal Death in Monochorionic Twins. <i>Twin Research and Human Genetics</i> , 2015, 18, 606-612.	0.3	7
110	Childhood onset temporal lobe epilepsy: Beyond hippocampal sclerosis. <i>European Journal of Paediatric Neurology</i> , 2016, 20, 228-235.	0.7	7
111	Prenatal assessment of cerebellar vermian lobulation: fetal MRI with 3 Tesla postmortem validation. <i>Ultrasound in Obstetrics and Gynecology</i> , 2018, 52, 623-630.	0.9	7
112	The impact of hippocampal impairment on task-positive and task-negative language networks in temporal lobe epilepsy. <i>Clinical Neurophysiology</i> , 2021, 132, 404-411.	0.7	7
113	High-Resolution Ultrasound and Magnetic Resonance Imaging of Abnormal Ligaments in Thoracic Outlet Syndrome in a Series of 16 Cases. <i>Frontiers in Neuroscience</i> , 2021, 15, 817337.	1.4	7
114	Brainstem and cerebellar volumes at magnetic resonance imaging are smaller in fetuses with congenital heart disease. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 227, 282.e1-282.e15.	0.7	7
115	Different from the Beginning: WM Maturity of Female and Male Extremely Preterm Neonates—A Quantitative MRI Study. <i>American Journal of Neuroradiology</i> , 2022, 43, 611-619.	1.2	7
116	Motion correction and volumetric reconstruction for fetal functional magnetic resonance imaging data. <i>NeuroImage</i> , 2022, 255, 119213.	2.1	7
117	Effect of antenatal corticosteroid treatment on the fetal lung: a magnetic resonance imaging study. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011, 38, 94-98.	0.9	6
118	Functional Imaging in the Fetus. <i>Topics in Magnetic Resonance Imaging</i> , 2011, 22, 113-118.	0.7	6
119	Assessing Corticospinal Tract Asymmetry in Unilateral Polymicrogyria. <i>American Journal of Neuroradiology</i> , 2018, 39, 1530-1535.	1.2	6
120	Tracing the structural origins of atypical language representation: consequences of prenatal mirror-imaged brain asymmetries in a dizygotic twin couple. <i>Brain Structure and Function</i> , 2018, 223, 3757-3767.	1.2	6
121	Quantitative fetal magnetic resonance imaging assessment of cystic posterior fossa malformations. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020, 56, 78-85.	0.9	6
122	The Subplate Layers: The Superficial and Deep Subplate Can be Discriminated on 3 Tesla Human Fetal Postmortem MRI. <i>Cerebral Cortex</i> , 2020, 30, 5038-5048.	1.6	6
123	The Prenatal Origins of Human Brain Asymmetry: Lessons Learned from a Cohort of Fetuses with Body Lateralization Defects. <i>Cerebral Cortex</i> , 2021, 31, 3713-3722.	1.6	6
124	The Prenatal Morphomechanic Impact of Agenesis of the Corpus Callosum on Human Brain Structure and Asymmetry. <i>Cerebral Cortex</i> , 2021, 31, 4024-4037.	1.6	6
125	Longitudinal Reference Values for Cerebral Ventricular Size in Preterm Infants Born at 23-27 Weeks of Gestation. <i>Journal of Pediatrics</i> , 2021, 238, 110-117.e2.	0.9	6
126	3T MRI signal intensity profiles and thicknesses of transient zones in human fetal brain at mid-gestation. <i>European Journal of Paediatric Neurology</i> , 2021, 35, 67-73.	0.7	6

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127	Awake brain surgery for language mapping in pediatric patients: a single-center experience. <i>Journal of Neurosurgery: Pediatrics</i> , 2022, 29, 700-710.	0.8	6
128	Atlas Learning in Fetal Brain Development. <i>Topics in Magnetic Resonance Imaging</i> , 2011, 22, 107-111.	0.7	5
129	Signal intensity changes of the fetal liver on MRI in in-phase and out-of-phase sequence. <i>Prenatal Diagnosis</i> , 2013, 33, 313-317.	1.1	5
130	MRI negative meningeal myeloma with abducens nerve palsies responding to intrathecal chemotherapy. <i>Journal of the Neurological Sciences</i> , 2014, 347, 359-360.	0.3	5
131	Different information by MRI compare to ultrasound in fetal intracranial space occupying lesions. <i>Child's Nervous System</i> , 2017, 33, 2129-2136.	0.6	5
132	3-Tesla MRI-assisted detection of compression points in ulnar neuropathy at the elbow in correlation with intraoperative findings. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2018, 71, 1004-1009.	0.5	5
133	Impact of Prematurity on the Tissue Properties of the Neonatal Brain Stem: A Quantitative MR Approach. <i>American Journal of Neuroradiology</i> , 2021, 42, 581-589.	1.2	5
134	Beyond Isolated and Associated: A Novel Fetal MR Imaging-Based Scoring System Helps in the Prenatal Prognostication of Callosal Agenesis. <i>American Journal of Neuroradiology</i> , 2021, 42, 782-786.	1.2	5
135	Mapping Human Fetal Brain Maturation In Vivo Using Quantitative MRI. <i>American Journal of Neuroradiology</i> , 2021, 42, 2086-2093.	1.2	5
136	Peripheral Hemolysis in Relation to Iron Rim Presence and Brain Volume in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	5
137	Iodinated contrast agents in patients with myasthenia gravis: a retrospective cohort study. <i>Journal of Neurology</i> , 2017, 264, 1209-1217.	1.8	4
138	Diffusion tensor imaging of the normal-appearing deep gray matter in primary and secondary progressive multiple sclerosis. <i>Acta Radiologica</i> , 2020, 61, 85-92.	0.5	4
139	Development of a 3D printed patient-specific neonatal brain simulation model using multimodality imaging for perioperative management. <i>Pediatric Research</i> , 2022, 91, 64-69.	1.1	4
140	Temporal changes in epidemiological profile and fetal indications for late termination of pregnancy: a retrospective single-center study. <i>Archives of Gynecology and Obstetrics</i> , 2021, 304, 935-942.	0.8	4
141	Myelomeningocele-Chiari II malformation-Neurological predictability based on fetal and postnatal magnetic resonance imaging. <i>Prenatal Diagnosis</i> , 2021, 41, 922-932.	1.1	4
142	Modeling Fetal Cortical Expansion Using Graph-Regularized Gompertz Models. <i>Lecture Notes in Computer Science</i> , 2016, , 247-254.	1.0	4
143	Quantifying Residual Motion Artifacts in Fetal fMRI Data. <i>Lecture Notes in Computer Science</i> , 2019, , 171-180.	1.0	4
144	Post-mortem correlates of Virchow-Robin spaces detected on in vivo MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1224-1235.	2.4	4

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145	P15.14: Measurements of the posterior fossa on fetal MRI in open and closed neural tube defects. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010, 36, 226-227.	0.9	3
146	Spatial mapping of translational diffusion coefficients using diffusion tensor imaging: A mathematical description. <i>Concepts in Magnetic Resonance Part A: Bridging Education and Research</i> , 2014, 43, 1-27.	0.2	3
147	Characterization of the phenotypic spectrum of fetal heterotaxy syndrome by combining ultrasound and magnetic resonance imaging. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 58, 837-845.	0.9	3
148	Characterization of the Hyperintense Bronchus Sign as a Fetal MRI Marker of Airway Obstruction. <i>Radiology</i> , 2021, 300, 423-430.	3.6	3
149	Fetal Eye Movements on Magnetic Resonance Imaging. <i>PLoS ONE</i> , 2013, 8, e77439.	1.1	3
150	Connectome Analysis in an Individual with SETD1B-Related Neurodevelopmental Disorder and Epilepsy. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2022, 43, e419-e422.	0.6	3
151	Magnetic resonance imaging of normal fetal brain development. <i>Clinical Imaging</i> , 2006, 30, 299.	0.8	2
152	Maternal smoking and fetal lung volumeâ€”an <i>in utero</i> MRI investigation. <i>Prenatal Diagnosis</i> , 2011, 31, 491-495.	1.1	2
153	PO-0392â€”Laterality Of Intraventricular Haemorrhage Influences Neurodevelopmental Outcome In Preterm Infants. <i>Archives of Disease in Childhood</i> , 2014, 99, A374.1-A374.	1.0	2
154	Advanced fetal MRI: Diffusion tensor imaging, spectroscopy, dynamic MRI, resting-state functional MRI. <i>Journal of Pediatric Neuroradiology</i> , 2015, 01, 225-251.	0.1	2
155	Predisposition of Wingless Subgroup Medulloblastoma for Primary Tumor Hemorrhage. <i>Neurosurgery</i> , 2020, 86, 478-484.	0.6	2
156	Saccadic Hypermetria From a Selective Lesion of the Fastigial Oculomotor Region. <i>Neurology</i> , 2021, 96, 449-451.	1.5	2
157	Reproducibility of Functional Connectivity Estimates in Motion Corrected Fetal fMRI. <i>Lecture Notes in Computer Science</i> , 2019, , 123-132.	1.0	2
158	White matter integrity is disrupted in adolescents with acute anorexia nervosa: A diffusion tensor imaging study. <i>Psychiatry Research - Neuroimaging</i> , 2022, 320, 111427.	0.9	2
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