

Liat Ben-Sira

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

525
citations

687220

13
h-index

752573

20
g-index

49
all docs

49
docs citations

49
times ranked

702
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-Risk Lumbar Skin Stigmata in Infants: The Role of Ultrasound Screening. <i>Journal of Pediatrics</i> , 2009, 155, 864-869.	0.9	61
2	Outlet fenestration for isolated fourth ventricle with and without an internal shunt. <i>Child's Nervous System</i> , 2001, 17, 483-486.	0.6	40
3	Autism-associated Nf1 deficiency disrupts corticocortical and corticostriatal functional connectivity in human and mouse. <i>Neurobiology of Disease</i> , 2019, 130, 104479.	2.1	36
4	Prenatal diagnosis of spinal dysraphism. <i>Child's Nervous System</i> , 2013, 29, 1541-1552.	0.6	35
5	The effect of chemotherapy on optic pathway gliomas and their sub-components: A volumetric MR analysis study. <i>Pediatric Blood and Cancer</i> , 2015, 62, 1353-1359.	0.8	25
6	The use of fetal neurosonography and brain MRI in cases of cytomegalovirus infection during pregnancy: A retrospective analysis with outcome correlation. <i>Prenatal Diagnosis</i> , 2017, 37, 1335-1342.	1.1	25
7	MRI internal segmentation of optic pathway gliomas: clinical implementation of a novel algorithm. <i>Child's Nervous System</i> , 2011, 27, 1265-1272.	0.6	20
8	Multiple Brain Developmental Venous Anomalies as a Marker for Constitutional Mismatch Repair Deficiency Syndrome. <i>American Journal of Neuroradiology</i> , 2018, 39, 1943-1946.	1.2	18
9	Neonatal neuropsychology: Emerging relations of neonatal sensory-motor responses to white matter integrity. <i>Neuropsychologia</i> , 2014, 62, 209-219.	0.7	17
10	Management of incidental brain tumors in children: a systematic review. <i>Child's Nervous System</i> , 2020, 36, 1607-1619.	0.6	17
11	The motor and visual networks in preterm infants: An fMRI and DTI study. <i>Brain Research</i> , 2016, 1642, 603-611.	1.1	15
12	Spinal and Paraspinal Plexiform Neurofibromas in Patients with Neurofibromatosis Type 1: A Novel Scoring System for Radiological-Clinical Correlation. <i>American Journal of Neuroradiology</i> , 2017, 38, 1869-1875.	1.2	15
13	The cerebellar tilted telephone receiver sign enables prenatal diagnosis of PHACES syndrome. <i>European Journal of Paediatric Neurology</i> , 2018, 22, 900-909.	0.7	15
14	Metabolic stroke in a patient with bi-allelic OPA1 mutations. <i>Metabolic Brain Disease</i> , 2019, 34, 1043-1048.	1.4	15
15	Monogenic Causes of Apparently Idiopathic Perinatal Intracranial Hemorrhage. <i>Annals of Neurology</i> , 2021, 89, 813-822.	2.8	12
16	Fetal and Perinatal Outcome Following First and Second Trimester COVID-19 Infection: Evidence from a Prospective Cohort Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 2152.	1.0	12
17	Automatic segmentation, classification, and follow-up of optic pathway gliomas using deep learning and fuzzy c-means clustering based on MRI. <i>Medical Physics</i> , 2020, 47, 5693-5701.	1.6	11
18	Autosomal dominant TUBB3-related syndrome: Fetal, radiologic, clinical and morphological features. <i>European Journal of Paediatric Neurology</i> , 2020, 26, 46-60.	0.7	11

#	ARTICLE	IF	CITATIONS
19	Placental vascular tree characterization based on ex-vivo MRI with a potential application for placental insufficiency assessment. <i>Placenta</i> , 2020, 96, 34-43.	0.7	8
20	Diagnosis by whole exome sequencing of atypical infantile onset Alexander disease masquerading as a mitochondrial disorder. <i>European Journal of Paediatric Neurology</i> , 2014, 18, 495-501.	0.7	7
21	Brain white matter abnormalities associated with copy number variants. <i>American Journal of Medical Genetics, Part A</i> , 2020, 182, 93-103.	0.7	7
22	Expanding the genotype-phenotype spectrum of ISCA2-related multiple mitochondrial dysfunction syndrome-cavitating leukoencephalopathy and prolonged survival. <i>Neurogenetics</i> , 2020, 21, 243-249.	0.7	7
23	Agenesis of the septum pellucidum: Prenatal diagnosis and outcome. <i>Prenatal Diagnosis</i> , 2020, 40, 674-680.	1.1	7
24	Deletion in COL4A2 is associated with a three-generation variable phenotype: from fetal to adult manifestations. <i>European Journal of Human Genetics</i> , 2021, 29, 1654-1662.	1.4	7
25	Fetal pericallosal lipomas – Clues to diagnosis in the second trimester. <i>European Journal of Paediatric Neurology</i> , 2018, 22, 929-934.	0.7	6
26	Surgical Management of –Kissing– Spinal Plexiform Neurofibromas in Neurofibromatosis Type 1 Patients. <i>World Neurosurgery</i> , 2020, 134, e1143-e1147.	0.7	6
27	Incidental Findings on Brain Magnetic Resonance Imaging (MRI) in Pediatric Endocrine Patients. <i>Endocrine Practice</i> , 2020, 26, 1105-1114.	1.1	6
28	White matter abnormalities and iron deposition in prenatal mucopolipidosis IV- fetal imaging and pathology. <i>Metabolic Brain Disease</i> , 2021, 36, 2155-2167.	1.4	6
29	Classification of Pediatric Posterior Fossa Tumors Using Convolutional Neural Network and Tabular Data. <i>IEEE Access</i> , 2021, 9, 91966-91973.	2.6	6
30	Vascular territorial segmentation and volumetric blood flow measurement using dynamic contrast enhanced magnetic resonance angiography of the brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 3446-3456.	2.4	5
31	Evaluation of Dorsal Midline Discolorations with Physical Examination and Ultrasound. <i>Journal of Pediatrics</i> , 2017, 190, 246-250.	0.9	4
32	MRI-based diagnosis and treatment of pediatric brain tumors: is tissue sample always needed?. <i>Child's Nervous System</i> , 2021, 37, 1449-1459.	0.6	4
33	Radiologically isolated aquaporin-4 antibody neuromyelitis optica spectrum disorder. <i>Multiple Sclerosis Journal</i> , 2022, 28, 676-679.	1.4	4
34	Improving renal phenotype and evolving extra-renal features of 17q12 deletion encompassing the HNF1B gene. <i>Translational Pediatrics</i> , 2021, 10, 3130-3139.	0.5	4
35	Use of EOS Low-Dose Biplanar X-Ray for Shunt Series in Children with Hydrocephalus: A Preliminary Study. <i>World Neurosurgery</i> , 2018, 116, e273-e277.	0.7	3
36	The Added Value of Magnetic Resonance Imaging Cisternography and Ventriculography as a Diagnostic Aid in Pediatric Hydrocephalus. <i>Pediatric Neurosurgery</i> , 2019, 54, 165-172.	0.4	3

#	ARTICLE	IF	CITATIONS
37	Short and thick corpus callosum – the thin border between a minor anatomical variant to very poor outcome. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2022, 35, 3305-3308.	0.7	3
38	The Clinical Utility of Inpatient Brain Magnetic Resonance Imaging in Children. <i>Journal of Child Neurology</i> , 2020, 35, 744-752.	0.7	2
39	A unique brain germinal matrix involvement in cytomegalovirus infected fetuses: A retrospective neurosonographic analysis with outcome correlation. <i>Prenatal Diagnosis</i> , 2021, 41, 877-883.	1.1	2
40	Mature teratoma splitting the brainstem in a newborn: case report. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 24, 371-375.	0.8	2
41	The role of screening spinal MRI in children with solitary posterior fossa low-grade glial tumors. <i>Journal of Neurosurgery: Pediatrics</i> , 2020, 25, 106-110.	0.8	2
42	Ex vivo MRI of the Normal Human Placenta: Structural-Functional Interplay and the Association With Birth Weight. <i>Journal of Magnetic Resonance Imaging</i> , 2021, , .	1.9	2
43	Utility of three-dimensional modeling of the fetal airway for ex utero intrapartum treatment. <i>Journal of Anesthesia</i> , 2021, 35, 595-598.	0.7	1
44	The Role of 3D Reconstruction of the Skull in Patients with Suspected Shunt Malfunction. <i>Pediatric Neurosurgery</i> , 2021, 56, 110-115.	0.4	1
45	Neurodevelopmental outcome of children born with an isolated atretic cephalocele. <i>Child's Nervous System</i> , 2021, 37, 1295-1300.	0.6	1
46	Prenatal diagnosis of a likely pathogenic variant in <i>ZBTB18</i> : Natural evolution of fetal phenotype including the long bones and corpus callosum. <i>American Journal of Medical Genetics, Part A</i> , 2022, 188, 978-983.	0.7	1
47	COMP-18. MACHINE LEARNING DIFFERENTIATION BETWEEN PLEXIFORM NEUROFIBROMAS AND MALIGNANT NERVE SHEATH TUMORS IN PATIENTS WITH NEUROFIBROMATOSIS TYPE 1 (NF1) BASED ON MRI. <i>Neuro-Oncology</i> , 2018, 20, vi67-vi67.	0.6	0