

Domenico Tortora

List of Publications by Year in descending order

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105
papers

2,022
citations

361296

20
h-index

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121
all docs

121
docs citations

121
times ranked

3648
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural brain abnormalities in the common epilepsies assessed in a worldwide ENIGMA study. <i>Brain</i> , 2018, 141, 391-408.	3.7	352
2	Definitions and classification of malformations of cortical development: practical guidelines. <i>Brain</i> , 2020, 143, 2874-2894.	3.7	145
3	White matter abnormalities across different epilepsy syndromes in adults: an ENIGMA-Epilepsy study. <i>Brain</i> , 2020, 143, 2454-2473.	3.7	123
4	Network-based atrophy modeling in the common epilepsies: A worldwide ENIGMA study. <i>Science Advances</i> , 2020, 6, .	4.7	97
5	Data-driven Grading of Brain Gliomas: A Multiparametric MR Imaging Study. <i>Radiology</i> , 2014, 272, 494-503.	3.6	82
6	Grading and outcome prediction of pediatric diffuse astrocytic tumors with diffusion and arterial spin labeling perfusion MRI in comparison with 18F-DOPA PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 2084-2093.	3.3	53
7	The ENIGMA-Epilepsy working group: Mapping disease from large data sets. <i>Human Brain Mapping</i> , 2022, 43, 113-128.	1.9	47
8	Pediatric astrocytic tumor grading: comparison between arterial spin labeling and dynamic susceptibility contrast MRI perfusion. <i>Neuroradiology</i> , 2018, 60, 437-446.	1.1	43
9	The effects of mild germinal matrix-intraventricular haemorrhage on the developmental white matter microstructure of preterm neonates: a DTI study. <i>European Radiology</i> , 2018, 28, 1157-1166.	2.3	41
10	Advanced MR imaging and 18F-DOPA PET characteristics of H3K27M-mutant and wild-type pediatric diffuse midline gliomas. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1685-1694.	3.3	41
11	Infant feeding initiation practices in the context of COVID-19 lockdown. <i>Early Human Development</i> , 2021, 152, 105286.	0.8	41
12	COVID-19 pandemic: Impact on gestational diabetes mellitus prevalence. <i>Diabetes Research and Clinical Practice</i> , 2022, 183, 109149.	1.1	37
13	Atlas of lesion locations and postsurgical seizure freedom in focal cortical dysplasia: A MELD study. <i>Epilepsia</i> , 2022, 63, 61-74.	2.6	36
14	Prematurity and brain perfusion: Arterial spin labeling MRI. <i>NeuroImage: Clinical</i> , 2017, 15, 401-407.	1.4	30
15	Differences in subependymal vein anatomy may predispose preterm infants to GMH-IVH. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2018, 103, F59-F65.	1.4	30
16	Early Pain Exposure Influences Functional Brain Connectivity in Very Preterm Neonates. <i>Frontiers in Neuroscience</i> , 2019, 13, 899.	1.4	30
17	Improvement in White Matter Tract Reconstruction with Constrained Spherical Deconvolution and Track Density Mapping in Low Angular Resolution Data: A Pediatric Study and Literature Review. <i>Frontiers in Pediatrics</i> , 2017, 5, 182.	0.9	28
18	Ability of 18F-DOPA PET/CT and fused 18F-DOPA PET/MRI to assess striatal involvement in paediatric glioma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 1664-1672.	3.3	25

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19	T2*-based MR imaging (gradient echo or susceptibility-weighted imaging) in midline and off-midline intracranial germ cell tumors: a pilot study. <i>Neuroradiology</i> , 2018, 60, 89-99.	1.1	25
20	Expanding the spectrum of congenital anomalies of the diencephalic-mesencephalic junction. <i>Neuroradiology</i> , 2016, 58, 33-44.	1.1	23
21	Radiation-Induced Moyamoya Syndrome in Children with Brain Tumors: Case Series and Literature Review. <i>World Neurosurgery</i> , 2020, 135, 118-129.	0.7	23
22	Role of MRI T2-DRIVE in the assessment of pituitary stalk abnormalities without gadolinium in pituitary diseases. <i>European Journal of Endocrinology</i> , 2018, 178, 613-622.	1.9	22
23	When and why is surgical revascularization indicated for the treatment of moyamoya syndrome in patients with RASopathies? A systematic review of the literature and a single institute experience. <i>Child's Nervous System</i> , 2018, 34, 1311-1323.	0.6	22
24	A systems-level analysis highlights microglial activation as a modifying factor in common epilepsies. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, .	1.8	22
25	Neuroimaging of Infectious and Inflammatory Diseases of the Pediatric Cerebellum and Brainstem. <i>Neuroimaging Clinics of North America</i> , 2016, 26, 471-487.	0.5	20
26	Regional impairment of cortical and deep gray matter perfusion in preterm neonates with low-grade germinal matrix-intraventricular hemorrhage: an ASL study. <i>Neuroradiology</i> , 2020, 62, 1689-1699.	1.1	19
27	Exome sequencing of two Italian pedigrees with non-isolated Chiari malformation type I reveals candidate genes for cranio-facial development. <i>European Journal of Human Genetics</i> , 2017, 25, 952-959.	1.4	18
28	Topographic divergence of atypical cortical asymmetry and atrophy patterns in temporal lobe epilepsy. <i>Brain</i> , 2022, 145, 1285-1298.	3.7	18
29	Variability of Cerebral Deep Venous System in Preterm and Term Neonates Evaluated on MR SWI Venography. <i>American Journal of Neuroradiology</i> , 2016, 37, 2144-2149.	1.2	17
30	Moyamoya Vasculopathy in PHACE Syndrome: Six New Cases and Review of the Literature. <i>World Neurosurgery</i> , 2017, 108, 291-302.	0.7	17
31	Limits and pitfalls of indirect revascularization in moyamoya disease and syndrome. <i>Neurosurgical Review</i> , 2021, 44, 1877-1887.	1.2	17
32	Diagnostic Approach to Macrocephaly in Children. <i>Frontiers in Pediatrics</i> , 2021, 9, 794069.	0.9	17
33	MR Imaging Diagnosis of Diencephalic-Mesencephalic Junction Dysplasia in Fetuses with Developmental Ventriculomegaly. <i>American Journal of Neuroradiology</i> , 2017, 38, 1643-1646.	1.2	16
34	Punctate white matter lesions of preterm infants: Risk factor analysis. <i>European Journal of Paediatric Neurology</i> , 2019, 23, 733-739.	0.7	16
35	Added value of diffusion weighted imaging in pediatric central nervous system embryonal tumors surveillance. <i>Oncotarget</i> , 2017, 8, 60401-60413.	0.8	16
36	ABCC6 mutations and early onset stroke: Two cases of a typical Pseudoxanthoma Elasticum. <i>European Journal of Paediatric Neurology</i> , 2018, 22, 725-728.	0.7	15

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37	Quantitative susceptibility map analysis in preterm neonates with germinal matrixâ€intra ventricular hemorrhage. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 1199-1207.	1.9	15
38	Comparing 3T T1-Weighted Sequences in Identifying Hyperintense Punctate Lesions in Preterm Neonates. <i>American Journal of Neuroradiology</i> , 2015, 36, 581-586.	1.2	14
39	Intradural Extramedullary Ependymoma with Leptomeningeal Dissemination: The First Case Report in a Child and Literature Review. <i>World Neurosurgery</i> , 2015, 84, 865.e13-865.e19.	0.7	14
40	Correlation of multimodal ¹⁸ F-DOPA PET and conventional MRI with treatment response and survival in children with diffuse intrinsic pontine gliomas. <i>Theranostics</i> , 2020, 10, 11881-11891.	4.6	14
41	Mammillary body injury in neonatal encephalopathy: a multicentre, retrospective study. <i>Pediatric Research</i> , 2022, 92, 174-179.	1.1	14
42	Diagnostic Approach to Pediatric Spine Disorders. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2016, 24, 621-644.	0.6	13
43	Structural Connectivity Analysis in Children with Segmental Callosal Agenesis. <i>American Journal of Neuroradiology</i> , 2017, 38, 639-647.	1.2	13
44	Role of diffusion weighted imaging for differentiating cerebral pilocytic astrocytoma and ganglioglioma BRAF V600E-mutant from wild type. <i>Neuroradiology</i> , 2020, 62, 71-80.	1.1	13
45	Novel asymptomatic CNS findings in patients with ACVR1/ALK2 mutations causing fibrodysplasia ossificans progressiva. <i>Journal of Medical Genetics</i> , 2016, 53, 859-864.	1.5	12
46	Dissecting the neurological phenotype in children with callosal agenesis, interhemispheric cysts and malformations of cortical development. <i>Journal of Neurology</i> , 2019, 266, 1167-1181.	1.8	12
47	Arterial spin labeling perfusion in neonates. <i>Seminars in Fetal and Neonatal Medicine</i> , 2020, 25, 101130.	1.1	12
48	Guidelines for magnetic resonance imaging in pediatric head and neck pathologies: a multicentre international consensus paper. <i>Neuroradiology</i> , 2022, 64, 1081-1100.	1.1	12
49	Spatial coefficient of variation applied to arterial spin labeling MRI may contribute to predict surgical revascularization outcomes in pediatric moyamoya vasculopathy. <i>Neuroradiology</i> , 2020, 62, 1003-1015.	1.1	11
50	Pediatric Diffuse Midline Gliomas H3 K27M-Mutant and Non-Histone Mutant Midline High-Grade Gliomas in Neurofibromatosis Type 1 in Comparison With Non-Syndromic Children: A Single-Center Pilot Study. <i>Frontiers in Oncology</i> , 2020, 10, 795.	1.3	11
51	White matter and cerebellar involvement in alternating hemiplegia of childhood. <i>Journal of Neurology</i> , 2020, 267, 1300-1311.	1.8	10
52	Widening the Neuroimaging Features of Adenosine Deaminase 2 Deficiency. <i>American Journal of Neuroradiology</i> , 2021, 42, 975-979.	1.2	10
53	Cognitive and White Matter Microstructure Development in Congenital Hypothyroidism and Familial Thyroid Disorders. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e3990-e4006.	1.8	10
54	Targeted re-sequencing in pediatric and perinatal stroke. <i>European Journal of Medical Genetics</i> , 2020, 63, 104030.	0.7	9

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55	Magnetic Resonance-Guided Laser Interstitial Thermal Therapy (MR-gLiTT) in Pediatric Epilepsy Surgery: State of the Art and Presentation of Giannina Gaslini Children's Hospital (Genoa, Italy) Series. <i>Frontiers in Neurology</i> , 2021, 12, 739034.	1.1	9
56	A novel homozygous MCOLN1 double mutant allele leading to TRP channel domain ablation underlies Mucopolidosis IV in an Italian Child. <i>Metabolic Brain Disease</i> , 2015, 30, 681-686.	1.4	8
57	Interstitial de novo 18q22.3q23 deletion: clinical, neuroradiological and molecular characterization of a new case and review of the literature. <i>Molecular Cytogenetics</i> , 2016, 9, 78.	0.4	8
58	L1CAM variants cause two distinct imaging phenotypes on fetal MRI. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 2004-2012.	1.7	8
59	Torcular pseudomass: a potential diagnostic pitfall in infants and young children. <i>Pediatric Radiology</i> , 2017, 47, 227-234.	1.1	7
60	Nosological Differences in the Nature of Punctate White Matter Lesions in Preterm Infants. <i>Frontiers in Neurology</i> , 2021, 12, 657461.	1.1	7
61	Asymmetric cavernous sinus enlargement: a novel finding in Sturge-Weber syndrome. <i>Neuroradiology</i> , 2019, 61, 595-602.	1.1	6
62	Perinatal Arterial Ischemic Stroke in Fetal Vascular Malperfusion: A Case Series and Literature Review. <i>American Journal of Neuroradiology</i> , 2020, 41, 2377-2383.	1.2	6
63	A rare triad of morning glory disc anomaly, moyamoya vasculopathy, and transsphenoidal cephalocele: pathophysiological considerations and surgical management. <i>Neurological Sciences</i> , 2021, 42, 5433-5439.	0.9	6
64	Expanding the clinical and neuroimaging features of post-varicella arteriopathy of childhood. <i>Journal of Neurology</i> , 2021, 268, 4846-4865.	1.8	6
65	Neuromuscular and Neuroendocrinological Features Associated With ZC4H2-Related Arthrogryposis Multiplex Congenita in a Sicilian Family: A Case Report. <i>Frontiers in Neurology</i> , 2021, 12, 704747.	1.1	6
66	Radiation-Induced Moyamoya Syndrome After Proton Therapy in Child with Clival Chordoma: Natural History and Surgical Treatment. <i>World Neurosurgery</i> , 2019, 123, 306-309.	0.7	5
67	Bivalirudin anticoagulation to overcome heparin resistance in a neonate with cerebral sinovenous thrombosis. <i>Blood Coagulation and Fibrinolysis</i> , 2020, 31, 97-100.	0.5	5
68	Placental Pathology Findings and the Risk of Intraventricular and Cerebellar Hemorrhage in Preterm Neonates. <i>Frontiers in Neurology</i> , 2020, 11, 761.	1.1	5
69	External ventricular drainage for posthemorrhagic ventricular dilatation in preterm infants: insights on efficacy and failure. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, 28, 563-571.	0.8	5
70	Burr holes revascularization in three pediatric cases of moyamoya syndrome: Easy choice or insidious trap? Case series and review. <i>Journal of Innovative Optical Health Sciences</i> , 2018, 13, 769.	0.5	5
71	Noninvasive Assessment of Hemodynamic Stress Distribution after Indirect Revascularization for Pediatric Moyamoya Vasculopathy. <i>American Journal of Neuroradiology</i> , 2018, 39, 1157-1163.	1.2	4
72	Cognitive Profiles and Brain Volume Are Affected in Patients with Silver-Russell Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e1478-e1488.	1.8	4

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73	Reversible and Asymptomatic Gyral and Subarachnoid Contrast Enhancement after Carotid Stenting. <i>Neuroradiology Journal</i> , 2015, 28, 184-186.	0.6	3
74	Crossed Pontine Hemiatrophy Associated with Unilateral Cerebellar Hemorrhage in Premature Infants. <i>Neuropediatrics</i> , 2016, 47, 404-407.	0.3	3
75	Neonatal Developmental Venous Anomalies: Clinicoradiologic Characterization and Follow-Up. <i>American Journal of Neuroradiology</i> , 2020, 41, 2370-2376.	1.2	3
76	Endocrine Outcomes In Central Diabetes Insipidus: the Predictive Value of Neuroimaging "Mismatch Pattern". <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 3562-3574.	1.8	3
77	17q23.3 de novo microdeletion involving only TANC2 gene: A new case. <i>European Journal of Medical Genetics</i> , 2020, 63, 104094.	0.7	3
78	Letter to the Editor Regarding "Large Craniotomy Increases the Risk of Minor Perioperative Complications in Revascularization Surgery for Moyamoya Disease". <i>World Neurosurgery</i> , 2020, 143, 581-583.	0.7	3
79	Calcifications in diffuse leptomeningeal glioneuronal tumors: a case series. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022, 12, 2985-2994.	1.1	3
80	A Phenotypic-Driven Approach for the Diagnosis of WOREE Syndrome. <i>Frontiers in Pediatrics</i> , 2022, 10, 847549.	0.9	3
81	Fetal ST baseline T/QRS rise in normal CTG does not predict neonatal acidemia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021, 34, 2666-2671.	0.7	2
82	Schimke immuno-osseous dysplasia, two new cases with peculiar EEG pattern. <i>Brain and Development</i> , 2020, 42, 408-413.	0.6	2
83	Hemispheric surgery for severe epilepsy in early childhood: a case series. <i>Epileptic Disorders</i> , 2021, 23, 611-622.	0.7	2
84	Multifactorial Posterior Reversible Encephalopathy Syndrome in Children: Clinical, Laboratory, and Neuroimaging Findings. <i>Journal of Pediatric Neurology</i> , 2021, 19, 083-091.	0.0	2
85	Non-robotized frameless stereotactic magnetic resonance guided laser interstitial thermal therapy for hypothalamic hamartoma: preliminary results of 2 cases and review of the literature. <i>Journal of Neurosurgical Sciences</i> , 2021, , .	0.3	2
86	Efficacy of Ketamine Use in Refractory Status Epilepticus Associated With Hemimegalencephaly. <i>Pediatric Emergency Care</i> , 2022, 38, e1090-e1091.	0.5	2
87	De novo POLR2A p.(Ile457Thr) variant associated with early-onset encephalopathy and cerebellar atrophy: expanding the phenotypic spectrum. <i>Brain and Development</i> , 2022, 44, 480-485.	0.6	2
88	Letter to the Editor Regarding "Intracranial Aneurysms Associated with Moyamoya Disease in Children: Clinical Features and Long-Term Surgical Outcome". <i>World Neurosurgery</i> , 2020, 139, 634-635.	0.7	1
89	Fluid status changes during the transition in infants of diabetic mothers. <i>European Journal of Pediatrics</i> , 2022, 181, 245-252.	1.3	1
90	Combined medical therapy and neurosurgical revascularization preventing stroke in post-varicella angiopathy: Case report and review of literature. <i>Brain and Development</i> , 2021, 43, 1051-1056.	0.6	1

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91	Comparison of Qualitative and Quantitative Analyses of MR-Arterial Spin Labeling Perfusion Data for the Assessment of Pediatric Patients with Focal Epilepsies. <i>Diagnostics</i> , 2022, 12, 811.	1.3	1
92	Diffusion Kurtosis Imaging of Neonatal Spinal Cord in Clinical Routine. <i>Frontiers in Radiology</i> , 2022, 2, .	1.2	1
93	Imaging characteristics and neurosurgical outcome in subjects with agenesis of the corpus callosum and interhemispheric cysts. <i>Neuroradiology</i> , 2022, 64, 2163-2177.	1.1	1
94	Basal ganglia stroke in pediatric population: Single center experience. <i>European Journal of Paediatric Neurology</i> , 2017, 21, e28.	0.7	0
95	Corpus callosum agenesis and interhemispheric cysts: Epileptic evaluation and long-term outcome in 9 children. <i>European Journal of Paediatric Neurology</i> , 2017, 21, e108.	0.7	0
96	Spinal nerve roots contrast enhancement following anti-GD2 antibody therapy in neuroblastoma. <i>Neurology</i> , 2018, 90, 895-896.	1.5	0
97	Pediatric Brain Tissue Segmentation from MRI using Clustering: a Preliminary Study. , 2019, 2019, 6557-6560.		0
98	Determinants and effects of fluid status changes in caesarean delivered neonates. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020, 109, 1545-1550.	0.7	0
99	Multimodal approach in the pre-surgical evaluation of focal epilepsy surgery candidates: how far are we from a non-invasive ESL-based "sourcectomy"? <i>Epileptic Disorders</i> , 2021, 23, 661-666.	0.7	0
100	Chemotherapy-induced Tumor Pseudoprogression with Disease Progression. , 2012, , 187-190.		0
101	Stable Disease. , 2012, , 111-112.		0
102	Tumor Recurrence: 3T Morphofunctional MR Follow-Up in Low-Grade Astrocytoma with Anaplastic Appearance. , 2020, , 195-196.		0
103	3T Morphofunctional MR Follow-Up in High-Grade Oligodendroglioma. , 2020, , 157-158.		0
104	Pseudoprogression with Disease Progression: 3T Morphofunctional MR Follow-Up in Anaplastic Astrocytoma. , 2020, , 265-268.		0
105	Peculiar bony involvement of sinus pericranii in children: Extensive diploic erosion in three "cystic" variants. <i>Clinical Neurology and Neurosurgery</i> , 2022, 219, 107334.	0.6	0