

Domenico Tortora

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

2,022
citations

361296

20
h-index

330025

37
g-index

121
all docs

121
docs citations

121
times ranked

3648
citing authors

#	ARTICLE	IF	CITATIONS
1	The <sc>ENIGMA&Epilepsy</sc> working group: Mapping disease from large data sets. <i>Human Brain Mapping</i> , 2022, 43, 113-128.	1.9	47
2	Mammillary body injury in neonatal encephalopathy: a multicentre, retrospective study. <i>Pediatric Research</i> , 2022, 92, 174-179.	1.1	14
3	Fluid status changes during the transition in infants of diabetic mothers. <i>European Journal of Pediatrics</i> , 2022, 181, 245-252.	1.3	1
4	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
5	Topographic divergence of atypical cortical asymmetry and atrophy patterns in temporal lobe epilepsy. <i>Brain</i> , 2022, 145, 1285-1298.	3.7	18
6	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
7	COVID-19 pandemic: Impact on gestational diabetes mellitus prevalence. <i>Diabetes Research and Clinical Practice</i> , 2022, 183, 109149.	1.1	37
8	Efficacy of Ketamine Use in Refractory Status Epilepticus Associated With Hemimegalencephaly. <i>Pediatric Emergency Care</i> , 2022, 38, e1090-e1091.	0.5	2
9	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
10	Calcifications in diffuse leptomeningeal glioneuronal tumors: a case series. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022, 12, 2985-2994.	1.1	3
11	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
12	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
13	A Phenotypic-Driven Approach for the Diagnosis of WOREE Syndrome. <i>Frontiers in Pediatrics</i> , 2022, 10, 847549.	0.9	3
14	Diffusion Kurtosis Imaging of Neonatal Spinal Cord in Clinical Routine. <i>Frontiers in Radiology</i> , 2022, 2, .	1.2	1
15	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
16	Peculiar bony involvement of sinus pericranii in children: Extensive diploic erosion in three &carstic& variants. <i>Clinical Neurology and Neurosurgery</i> , 2022, 219, 107334.	0.6	0
17	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
18	Limits and pitfalls of indirect revascularization in moyamoya disease and syndrome. <i>Neurosurgical Review</i> , 2021, 44, 1877-1887.	1.2	17

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19	Infant feeding initiation practices in the context of COVID-19 lockdown. <i>Early Human Development</i> , 2021, 152, 105286.	0.8	41
20	Widening the Neuroimaging Features of Adenosine Deaminase 2 Deficiency. <i>American Journal of Neuroradiology</i> , 2021, 42, 975-979.	1.2	10
21	Nosological Differences in the Nature of Punctate White Matter Lesions in Preterm Infants. <i>Frontiers in Neurology</i> , 2021, 12, 657461.	1.1	7
22	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
23	Expanding the clinical and neuroimaging features of post-varicella arteriopathy of childhood. <i>Journal of Neurology</i> , 2021, 268, 4846-4865.	1.8	6
24	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
25	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
26	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
27	Hemispheric surgery for severe epilepsy in early childhood: a case series. <i>Epileptic Disorders</i> , 2021, 23, 611-622.	0.7	2
28	Multimodal approach in the pre-surgical evaluation of focal epilepsy surgery candidates: how far are we from a non-invasive ESI-based source resection?. <i>Epileptic Disorders</i> , 2021, 23, 661-666.	0.7	0
29	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
30	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
31	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
32	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
33	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
34	Diagnostic Approach to Macrocephaly in Children. <i>Frontiers in Pediatrics</i> , 2021, 9, 794069.	0.9	17
35	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
36	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

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37	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
38	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
39	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
40	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
41	Targeted re-sequencing in pediatric and perinatal stroke. <i>European Journal of Medical Genetics</i> , 2020, 63, 104030.	0.7	9
42	Network-based atrophy modeling in the common epilepsies: A worldwide ENIGMA study. <i>Science Advances</i> , 2020, 6, .	4.7	97
43	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
44	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
45	Definitions and classification of malformations of cortical development: practical guidelines. <i>Brain</i> , 2020, 143, 2874-2894.	3.7	145
46	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
47	Neonatal Developmental Venous Anomalies: Clinicoradiologic Characterization and Follow-Up. <i>American Journal of Neuroradiology</i> , 2020, 41, 2370-2376.	1.2	3
48	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
49	White matter abnormalities across different epilepsy syndromes in adults: an ENIGMA-Epilepsy study. <i>Brain</i> , 2020, 143, 2454-2473.	3.7	123
50	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
51	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
52	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
53	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
54	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

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55	Schimke immuno-osseous dysplasia, two new cases with peculiar EEG pattern. <i>Brain and Development</i> , 2020, 42, 408-413.	0.6	2
56	White matter and cerebellar involvement in alternating hemiplegia of childhood. <i>Journal of Neurology</i> , 2020, 267, 1300-1311.	1.8	10
57	Tumor Recurrence: 3T Morphofunctional MR Follow-Up in Low-Grade Astrocytoma with Anaplastic Appearance. , 2020, , 195-196.		0
58	3T Morphofunctional MR Follow-Up in High-Grade Oligodendroglioma. , 2020, , 157-158.		0
59	Pseudoprogession with Disease Progression: 3T Morphofunctional MR Follow-Up in Anaplastic Astrocytoma. , 2020, , 265-268.		0
60	Arterial spin labeling perfusion in neonates. <i>Seminars in Fetal and Neonatal Medicine</i> , 2020, 25, 101130.	1.1	12
61	Early Pain Exposure Influences Functional Brain Connectivity in Very Preterm Neonates. <i>Frontiers in Neuroscience</i> , 2019, 13, 899.	1.4	30
62	Punctate white matter lesions of preterm infants: Risk factor analysis. <i>European Journal of Paediatric Neurology</i> , 2019, 23, 733-739.	0.7	16
63	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
64	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
65	Asymmetric cavernous sinus enlargement: a novel finding in Sturge-Weber syndrome. <i>Neuroradiology</i> , 2019, 61, 595-602.	1.1	6
66	Pediatric Brain Tissue Segmentation from MRI using Clustering: a Preliminary Study. , 2019, 2019, 6557-6560.		0
67	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
68	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
69	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
70	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
71	Structural brain abnormalities in the common epilepsies assessed in a worldwide ENIGMA study. <i>Brain</i> , 2018, 141, 391-408.	3.7	352
72	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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73	Differences in subependymal vein anatomy may predispose preterm infants to GMH&IVH. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2018, 103, F59-F65.	1.4	30
74	The effects of mild germinal matrix-intraventricular haemorrhage on the developmental white matter microstructure of preterm neonates: a DTI study. European Radiology, 2018, 28, 1157-1166.	2.3	41
75	T2*-based MR imaging (gradient echo or susceptibility-weighted imaging) in midline and off-midline intracranial germ cell tumors: a pilot study. Neuroradiology, 2018, 60, 89-99.	1.1	25
76	Spinal nerve roots contrast enhancement following anti-GD2 antibody therapy in neuroblastoma. Neurology, 2018, 90, 895-896.	1.5	0
77	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. Child's Nervous System, 2018, 34, 1311-1323.	0.6	22
78	Quantitative susceptibility map analysis in preterm neonates with germinal matrix&intraventricular hemorrhage. Journal of Magnetic Resonance Imaging, 2018, 48, 1199-1207.	1.9	15
79	Burr holes revascularization in three pediatric cases of moyamoya syndrome: Easy choice or insidious trap? Case series and review. Journal of Innovative Optical Health Sciences, 2018, 13, 769.	0.5	5
80	Structural Connectivity Analysis in Children with Segmental Callosal Agenesis. American Journal of Neuroradiology, 2017, 38, 639-647.	1.2	13
81	Basal ganglia stroke in pediatric population: Single center experience. European Journal of Paediatric Neurology, 2017, 21, e28.	0.7	0
82	Exome sequencing of two Italian pedigrees with non-isolated Chiari malformation type I reveals candidate genes for cranio-facial development. European Journal of Human Genetics, 2017, 25, 952-959.	1.4	18
83	MR Imaging Diagnosis of Diencephalic-Mesencephalic Junction Dysplasia in Fetuses with Developmental Ventriculomegaly. American Journal of Neuroradiology, 2017, 38, 1643-1646.	1.2	16
84	Prematurity and brain perfusion: Arterial spin labeling MRI. NeuroImage: Clinical, 2017, 15, 401-407.	1.4	30
85	Moyamoya Vasculopathy in PHACE Syndrome: Six New Cases and Review of the Literature. World Neurosurgery, 2017, 108, 291-302.	0.7	17
86	Corpus callosum agenesis and interhemispheric cysts: Epileptic evaluation and long-term outcome in 9 children. European Journal of Paediatric Neurology, 2017, 21, e108.	0.7	0
87	Grading and outcome prediction of pediatric diffuse astrocytic tumors with diffusion and arterial spin labeling perfusion MRI in comparison with 18F&DOPA PET. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 2084-2093.	3.3	53
88	Torcular pseudomass: a potential diagnostic pitfall in infants and young children. Pediatric Radiology, 2017, 47, 227-234.	1.1	7
89	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. Frontiers in Pediatrics, 2017, 5, 182.	0.9	28
90	Added value of diffusion weighted imaging in pediatric central nervous system embryonal tumors surveillance. Oncotarget, 2017, 8, 60401-60413.	0.8	16

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91	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
92	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
93	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
94	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
95	Diagnostic Approach to Pediatric Spine Disorders. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2016, 24, 621-644.	0.6	13
96	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
97	Crossed Pontine Hemiatrophy Associated with Unilateral Cerebellar Hemorrhage in Premature Infants. <i>Neuropediatrics</i> , 2016, 47, 404-407.	0.3	3
98	Expanding the spectrum of congenital anomalies of the diencephalic-mesencephalic junction. <i>Neuroradiology</i> , 2016, 58, 33-44.	1.1	23
99	A novel homozygous MCOLN1 double mutant allele leading to TRP channel domain ablation underlies Mucopolipidosis IV in an Italian Child. <i>Metabolic Brain Disease</i> , 2015, 30, 681-686.	1.4	8
100	Reversible and Asymptomatic Gyral and Subarachnoid Contrast Enhancement after Carotid Stenting. <i>Neuroradiology Journal</i> , 2015, 28, 184-186.	0.6	3
101	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
102	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
103	Data-driven Grading of Brain Gliomas: A Multiparametric MR Imaging Study. <i>Radiology</i> , 2014, 272, 494-503.	3.6	82
104	Chemotherapy-induced Tumor Pseudoprogression with Disease Progression. , 2012, , 187-190.		0
105	Stable Disease. , 2012, , 111-112.		0