

# Chiara Nosarti

## List of Publications by Citations

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131  
papers

5,694  
citations

38  
h-index

74  
g-index

148  
ext. papers

6,553  
ext. citations

5.4  
avg, IF

5.35  
L-index

#	Paper	IF	Citations
131	Opposite effects of delta-9-tetrahydrocannabinol and cannabidiol on human brain function and psychopathology. <i>Neuropsychopharmacology</i> , <b>2010</b> , 35, 764-74	8.7	481
130	Progressive increase of frontostriatal brain activation from childhood to adulthood during event-related tasks of cognitive control. <i>Human Brain Mapping</i> , <b>2006</b> , 27, 973-93	5.9	458
129	Amygdala, hippocampal and corpus callosum size following severe early institutional deprivation: the English and Romanian Adoptees study pilot. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2009</b> , 50, 943-51	7.9	350
128	Grey and white matter distribution in very preterm adolescents mediates neurodevelopmental outcome. <i>Brain</i> , <b>2008</b> , 131, 205-17	11.2	312
127	Cognitive and motor function and the size of the cerebellum in adolescents born very pre-term. <i>Brain</i> , <b>2001</b> , 124, 60-6	11.2	305
126	Adolescents who were born very preterm have decreased brain volumes. <i>Brain</i> , <b>2002</b> , 125, 1616-23	11.2	300
125	Preterm birth and psychiatric disorders in young adult life. <i>Archives of General Psychiatry</i> , <b>2012</b> , 69, E1-8		286
124	Modulation of mediotemporal and ventrostriatal function in humans by Delta9-tetrahydrocannabinol: a neural basis for the effects of Cannabis sativa on learning and psychosis. <i>Archives of General Psychiatry</i> , <b>2009</b> , 66, 442-51		199
123	Corpus callosum size and very preterm birth: relationship to neuropsychological outcome. <i>Brain</i> , <b>2004</b> , 127, 2080-9	11.2	189
122	Early development of structural networks and the impact of prematurity on brain connectivity. <i>NeuroImage</i> , <b>2017</b> , 149, 379-392	7.9	125
121	Impaired executive functioning in young adults born very preterm. <i>Journal of the International Neuropsychological Society</i> , <b>2007</b> , 13, 571-81	3.1	122
120	Socio-Emotional Development Following Very Preterm Birth: Pathways to Psychopathology. <i>Frontiers in Psychology</i> , <b>2016</b> , 7, 80	3.4	115
119	Preterm birth and structural brain alterations in early adulthood. <i>NeuroImage: Clinical</i> , <b>2014</b> , 6, 180-91	5.3	114
118	White matter and cognition in adults who were born preterm. <i>PLoS ONE</i> , <b>2011</b> , 6, e24525	3.7	104
117	Cerebellar growth and behavioural & neuropsychological outcome in preterm adolescents. <i>Brain</i> , <b>2008</b> , 131, 1344-51	11.2	103
116	Early psychological adjustment in breast cancer patients: a prospective study. <i>Journal of Psychosomatic Research</i> , <b>2002</b> , 53, 1123-30	4.1	93
115	Effects of very low birthweight on brain structure in adulthood. <i>Developmental Medicine and Child Neurology</i> , <b>2007</b> , 46, 46-53	3.3	87

114	Cognitive maturation in preterm and term born adolescents. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2008</b> , 79, 381-6	5.5	86
113	Delay in presentation of symptomatic referrals to a breast clinic: patient and system factors. <i>British Journal of Cancer</i> , <b>2000</b> , 82, 742-8	8.7	86
112	Brain volumes in adult survivors of very low birth weight: a sibling-controlled study. <i>Pediatrics</i> , <b>2004</b> , 114, 367-71	7.4	83
111	Subregional hippocampal deformations in major depressive disorder. <i>Journal of Affective Disorders</i> , <b>2010</b> , 126, 272-7	6.6	77
110	Neural substrates of visual paired associates in young adults with a history of very preterm birth: alterations in fronto-parieto-occipital networks and caudate nucleus. <i>NeuroImage</i> , <b>2009</b> , 47, 1884-93	7.9	72
109	Diffusion tensor MRI of the corpus callosum and cognitive function in adults born preterm. <i>NeuroReport</i> , <b>2009</b> , 20, 424-8	1.7	64
108	Dysconnectivity of neurocognitive networks at rest in very-preterm born adults. <i>NeuroImage: Clinical</i> , <b>2014</b> , 4, 352-65	5.3	63
107	Altered functional neuroanatomy of response inhibition in adolescent males who were born very preterm. <i>Developmental Medicine and Child Neurology</i> , <b>2006</b> , 48, 265-71	3.3	62
106	Reinforcement of the Brain's Rich-Club Architecture Following Early Neurodevelopmental Disruption Caused by Very Preterm Birth. <i>Cerebral Cortex</i> , <b>2016</b> , 26, 1322-35	5.1	57
105	Preterm birth and adolescent social functioning-alterations in emotion-processing brain areas. <i>Journal of Pediatrics</i> , <b>2013</b> , 163, 1596-604	3.6	55
104	Vermis and lateral lobes of the cerebellum in adolescents born very preterm. <i>NeuroReport</i> , <b>2005</b> , 16, 1821-4	1.7	53
103	Alterations in cortical thickness development in preterm-born individuals: Implications for high-order cognitive functions. <i>NeuroImage</i> , <b>2015</b> , 115, 64-75	7.9	52
102	Neural substrates of letter fluency processing in young adults who were born very preterm: alterations in frontal and striatal regions. <i>NeuroImage</i> , <b>2009</b> , 47, 1904-13	7.9	51
101	The neural basis of response inhibition and attention allocation as mediated by gestational age. <i>Human Brain Mapping</i> , <b>2009</b> , 30, 1038-50	5.9	50
100	Growth of the corpus callosum in adolescents born preterm. <i>JAMA Pediatrics</i> , <b>2007</b> , 161, 1183-9		46
99	The impact of second language learning on semantic and nonsemantic first language reading. <i>Cerebral Cortex</i> , <b>2010</b> , 20, 315-27	5.1	45
98	Association of Intrauterine Growth Restriction and Small for Gestational Age Status With Childhood Cognitive Outcomes: A Systematic Review and Meta-analysis. <i>JAMA Pediatrics</i> , <b>2020</b> , 174, 772-781	8.3	42
97	Hyperactivity in adolescents born very preterm is associated with decreased caudate volume. <i>Biological Psychiatry</i> , <b>2005</b> , 57, 661-6	7.9	42

96	Volumetric grey matter alterations in adolescents and adults born very preterm suggest accelerated brain maturation. <i>NeuroImage</i> , <b>2017</b> , 163, 379-389	7.9	39
95	Effects of very low birthweight on brain structure in adulthood. <i>Developmental Medicine and Child Neurology</i> , <b>2004</b> , 46, 46-53	3.3	39
94	Alterations in development of hippocampal and cortical memory mechanisms following very preterm birth. <i>Developmental Medicine and Child Neurology</i> , <b>2016</b> , 58 Suppl 4, 35-45	3.3	39
93	Structural covariance in the cortex of very preterm adolescents: a voxel-based morphometry study. <i>Human Brain Mapping</i> , <b>2011</b> , 32, 1615-25	5.9	37
92	Psychiatric disorder in young adults born very preterm: role of family history. <i>European Psychiatry</i> , <b>2008</b> , 23, 527-31	6	36
91	Neonatal ultrasound results following very preterm birth predict adolescent behavioral and cognitive outcome. <i>Developmental Neuropsychology</i> , <b>2011</b> , 36, 118-35	1.8	35
90	The very preterm brain in young adulthood: the neural correlates of verbal paired associate learning. <i>Journal of Pediatrics</i> , <b>2010</b> , 156, 889-895	3.6	34
89	Maternal Prenatal Stress Is Associated With Altered Uncinate Fasciculus Microstructure in Premature Neonates. <i>Biological Psychiatry</i> , <b>2020</b> , 87, 559-569	7.9	31
88	Very Early Brain Damage Leads to Remodeling of the Working Memory System in Adulthood: A Combined fMRI/Tractography Study. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 15787-99	6.6	30
87	Road work on memory lane--functional and structural alterations to the learning and memory circuit in adults born very preterm. <i>NeuroImage</i> , <b>2014</b> , 102 Pt 1, 152-61	7.9	29
86	Real-Life Impact of Executive Function Impairments in Adults Who Were Born Very Preterm. <i>Journal of the International Neuropsychological Society</i> , <b>2017</b> , 23, 381-389	3.1	27
85	Functional neuroanatomy of executive function after neonatal brain injury in adults who were born very preterm. <i>PLoS ONE</i> , <b>2014</b> , 9, e113975	3.7	26
84	Neonatal brain injury and neuroanatomy of memory processing following very preterm birth in adulthood: an fMRI study. <i>PLoS ONE</i> , <b>2012</b> , 7, e34858	3.7	25
83	White matter alterations to cingulum and fornix following very preterm birth and their relationship with cognitive functions. <i>NeuroImage</i> , <b>2017</b> , 150, 373-382	7.9	24
82	Altered resting-state functional connectivity in emotion-processing brain regions in adults who were born very preterm. <i>Psychological Medicine</i> , <b>2016</b> , 46, 3025-3039	6.9	24
81	Preventing academic difficulties in preterm children: a randomised controlled trial of an adaptive working memory training intervention - IMPRINT study. <i>BMC Pediatrics</i> , <b>2013</b> , 13, 144	2.6	22
80	Long-Term Academic Functioning Following Cogmed Working Memory Training for Children Born Extremely Preterm: A Randomized Controlled Trial. <i>Journal of Pediatrics</i> , <b>2018</b> , 202, 92-97.e4	3.6	22
79	The effect of perinatal brain injury on dopaminergic function and hippocampal volume in adult life. <i>ELife</i> , <b>2017</b> , 6,	8.9	21

78	Eating disorder psychopathology, brain structure, neuropsychological correlates and risk mechanisms in very preterm young adults. <i>European Eating Disorders Review</i> , <b>2015</b> , 23, 147-55	5.3	17
77	Who benefits?: distress, adjustment and benefit-finding among breast cancer survivors. <i>Journal of Psychosocial Oncology</i> , <b>2005</b> , 23, 45-64	2.8	15
76	Structural and functional brain correlates of behavioral outcomes during adolescence. <i>Early Human Development</i> , <b>2013</b> , 89, 221-7	2.2	14
75	A multimodal imaging study of recognition memory in very preterm born adults. <i>Human Brain Mapping</i> , <b>2017</b> , 38, 644-655	5.9	14
74	Cerebral asymmetry in 14 year olds born very preterm. <i>Brain Research</i> , <b>2006</b> , 1093, 33-40	3.7	14
73	Motor fMRI and cortical grey matter volume in adults born very preterm. <i>Developmental Cognitive Neuroscience</i> , <b>2014</b> , 10, 1-9	5.5	13
72	Neural compensation in adulthood following very preterm birth demonstrated during a visual paired associates learning task. <i>NeuroImage: Clinical</i> , <b>2014</b> , 6, 54-63	5.3	12
71	Subregional Hippocampal Morphology and Psychiatric Outcome in Adolescents Who Were Born Very Preterm and at Term. <i>PLoS ONE</i> , <b>2015</b> , 10, e0130094	3.7	11
70	Association of Very Preterm Birth or Very Low Birth Weight With Intelligence in Adulthood: An Individual Participant Data Meta-analysis. <i>JAMA Pediatrics</i> , <b>2021</b> , 175, e211058	8.3	11
69	Increased hippocampal engagement during learning as a marker of sensitivity to psychotomimetic effects of $\Delta^9$ -THC. <i>Psychological Medicine</i> , <b>2018</b> , 48, 2748-2756	6.9	10
68	Intrinsic motivation and academic performance in school-age children born extremely preterm: The contribution of working memory. <i>Learning and Individual Differences</i> , <b>2018</b> , 64, 22-32	3.1	9
67	A dimensional approach to assessing psychiatric risk in adults born very preterm. <i>Psychological Medicine</i> , <b>2018</b> , 48, 1738-1744	6.9	9
66	COMT gene polymorphism and corpus callosum morphometry in preterm born adults. <i>NeuroImage</i> , <b>2011</b> , 54, 148-53	7.9	9
65	Altered Cortical Gyrfication in Adults Who Were Born Very Preterm and Its Associations With Cognition and Mental Health. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2020</b> , 5, 640-650	3.4	8
64	Very preterm adolescents show gender-dependent alteration of the structural brain correlates of spelling abilities. <i>Neuropsychologia</i> , <b>2011</b> , 49, 2685-93	3.2	8
63	Injection Phobia: A Systematic Review of Psychological Treatments. <i>Behavioural and Cognitive Psychotherapy</i> , <b>2005</b> , 33, 343-349	2.1	8
62	Executive function development in preterm children 195-208		7
61	Pathways of risk and resiliency after prematurity: role of socioeconomic status 224-236		6

60	Verbal Fluency Is Affected by Altered Brain Lateralization in Adults Who Were Born Very Preterm. <i>ENeuro</i> , <b>2019</b> , 6,	3.9	6
59	The neurobiological correlates of cognitive outcomes in adolescence and adulthood following very preterm birth. <i>Seminars in Fetal and Neonatal Medicine</i> , <b>2020</b> , 25, 101117	3.7	6
58	Working memory training and brain structure and function in extremely preterm or extremely low birth weight children. <i>Human Brain Mapping</i> , <b>2020</b> , 41, 684-696	5.9	6
57	Cognitive and functional outcomes of children born preterm141-163		5
56	The case of late preterm birth: sliding forwards the critical window for cognitive outcome risk. <i>Translational Pediatrics</i> , <b>2015</b> , 4, 214-8	4.2	5
55	Early postnatal maternal trait anxiety is associated with the behavioural outcomes of children born preterm . <i>Journal of Psychiatric Research</i> , <b>2020</b> , 131, 160-168	5.2	5
54	Cognitive function in toddlers with congenital heart disease: The impact of a stimulating home environment. <i>Infancy</i> , <b>2021</b> , 26, 184-199	2.4	5
53	The effect of the DISC1 Ser704Cys polymorphism on striatal dopamine synthesis capacity: an [18F]-DOPA PET study. <i>Human Molecular Genetics</i> , <b>2018</b> , 27, 3498-3506	5.6	5
52	Neonatal White Matter Microstructure and Emotional Development during the Preschool Years in Children Who Were Born Very Preterm. <i>ENeuro</i> , <b>2021</b> , 8,	3.9	5
51	Systematic assessment of perinatal and socio-demographic factors associated with IQ from childhood to adult life following very preterm birth. <i>Intelligence</i> , <b>2019</b> , 77, 101401	3	4
50	Epidemiology of preterm birth1-16		4
49	Methodological considerations in neurodevelopmental outcome studies of infants born prematurely164-175		4
48	The corpus callosum and empathy in adults with a history of preterm birth. <i>Journal of the International Neuropsychological Society</i> , <b>2010</b> , 16, 716-20	3.1	4
47	Delay in diagnosis in breast cancer. <i>The BMJ</i> , <b>1980</b> , 281, 146-7		4
46	Harmonized Segmentation of Neonatal Brain MRI. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 662005	5.1	4
45	ADHD symptoms and their neurodevelopmental correlates in children born very preterm. <i>PLoS ONE</i> , <b>2020</b> , 15, e0224343	3.7	3
44	Social Relationships, Preterm Birth or Low Birth Weight, and the Brain. <i>JAMA Network Open</i> , <b>2019</b> , 2, e196960	10.4	3
43	Ectodermal markers of early developmental impairment in very preterm individuals. <i>Psychiatry Research</i> , <b>2012</b> , 200, 715-8	9.9	3

42	Individualized brain development and cognitive outcome in infants with congenital heart disease. <i>Brain Communications</i> , <b>2021</b> , 3, fcab046	4.5	3
41	Adult outcome of preterm birth: Implications for neurodevelopmental theories of psychosis. <i>Schizophrenia Research</i> , <b>2021</b> ,	3.6	3
40	Advances in functional and diffusion neuroimaging research into the long-term consequences of very preterm birth. <i>Journal of Perinatology</i> , <b>2021</b> , 41, 689-706	3.1	3
39	Associations Between Neonatal Brain Structure, the Home Environment, and Childhood Outcomes Following Very Preterm Birth. <i>Biological Psychiatry Global Open Science</i> , <b>2021</b> , 1, 146-155		3
38	Working Memory Training Is Associated with Changes in Resting State Functional Connectivity in Children Who Were Born Extremely Preterm: a Randomized Controlled Trial. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , <b>2019</b> , 3, 376-387	2.4	2
37	Clinical outcome: neurological sequelae following preterm birth30-38		2
36	Reduction of hippocampal volume in very preterm adolescents: A model for schizophrenia. <i>Schizophrenia Research</i> , <b>2000</b> , 41, 119	3.6	2
35	Psychiatric disorders in individuals born very preterm / very low-birth weight: An individual participant data (IPD) meta-analysis.. <i>EClinicalMedicine</i> , <b>2021</b> , 42, 101216	11.3	2
34	A Dimensional Approach to Assessing Psychiatric Risk in Adults Born Very Preterm		2
33	Altered cortical gyrification in adults who were born very preterm and its associations with cognition and mental health		2
32	Exploring the relationship between maternal prenatal stress and brain structure in premature neonates. <i>PLoS ONE</i> , <b>2021</b> , 16, e0250413	3.7	2
31	Child Motivation and Family Environment Influence Outcomes of Working Memory Training in Extremely Preterm Children. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , <b>2019</b> , 3, 396-404	2.4	1
30	Efficiency of structural connectivity networks relates to intrinsic motivation in children born extremely preterm. <i>Brain Imaging and Behavior</i> , <b>2019</b> , 13, 995-1008	4.1	1
29	The changing face of intensive care for preterm newborns17-29		1
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22	Delay in diagnosis in breast cancer. <i>Lancet, The</i> , <b>1999</b> , 353, 2154; author reply 2155	40	1
21	Neonatal amygdala resting-state functional connectivity and socio-emotional development in very preterm children.. <i>Brain Communications</i> , <b>2022</b> , 4, fcac009	4.5	1
20	Volumetric grey matter alterations in adolescents and adults born very preterm suggest accelerated brain maturation		1
19	Investigating the brain structural connectome following working memory training in children born extremely preterm or extremely low birth weight. <i>Journal of Neuroscience Research</i> , <b>2021</b> , 99, 2340-2350	4.4	1
18	Neurodevelopmental Outcomes following Intrauterine Growth Restriction and Very Preterm Birth. <i>Journal of Pediatrics</i> , <b>2021</b> , 238, 135-144.e10	3.6	1
17	Postnatal maternal depressive symptoms and behavioural outcomes in term- and preterm-born toddlers		1
16	Neonatal multi-modal cortical profiles predict 18-month developmental outcomes.. <i>Developmental Cognitive Neuroscience</i> , <b>2022</b> , 54, 101103	5.5	1
15	Effects of gestational age at birth on perinatal structural brain development in healthy term-born babies.. <i>Human Brain Mapping</i> , <b>2021</b> ,	5.9	1
14	A systematic review and meta-analysis investigating the impact of childhood adversities on the mental health of LGBT+ youth. <i>JCPP Advances</i> ,		1
13	Emotion Recognition in Preterm and Full-Term School-Age Children. <i>International Journal of Environmental Research and Public Health</i> , <b>2022</b> , 19, 6507	4.6	1
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- 6 EFFECTS OF CATECHOL-O-METHYLTRANSFERASE VAL158MET ON GREY MATTER VOLUME IN ADOLESCENTS BORN PRETERM. *Schizophrenia Research*, **2010**, 117, 343 3.6
- 5 Functional neuro-imaging in schizophrenia. *Psychiatry (Abingdon, England)*, **2008**, 7, 430-434
- 4 The Neurodevelopmental Consequences of Very Preterm Birth: Brain Plasticity and Its Limits **2003**, 34-61
- 3 Brain plasticity and long-term function after early cerebral insult: the example of very preterm birth **2004**, 89-108
- 2 Developments in diffusion MRI and tractography to study language network alterations following very preterm birth. *F1000Research*, **7**, 240 3.6
- 1 Network Topology and Psychopathology Following Very Preterm Birth.. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, **2022**, 7, 349-351 3.4