

Marco Battaglia

List of Publications by Year in descending order

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Version: 2024-02-01

118
papers

4,524
citations

76326

40
h-index

123424

61
g-index

119
all docs

119
docs citations

119
times ranked

5137
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19 Impacts on Child and Youth Anxiety and Depression: Challenges and Opportunities. <i>Canadian Journal of Psychiatry</i> , 2020, 65, 688-691.	1.9	214
2	Influence of the Serotonin Transporter Promoter Gene and Shyness on Children's Cerebral Responses to Facial Expressions. <i>Archives of General Psychiatry</i> , 2005, 62, 85.	12.3	169
3	A meta-analysis and scoping review of social cognition performance in social phobia, posttraumatic stress disorder and other anxiety disorders. <i>Journal of Anxiety Disorders</i> , 2014, 28, 169-177.	3.2	150
4	Carbon dioxide/oxygen challenge test in panic disorder. <i>Psychiatry Research</i> , 1994, 52, 159-171.	3.3	145
5	Behavioral and Emotional Problems Among Italian Children and Adolescents Aged 4 to 18 Years as Reported by Parents and Teachers. <i>European Journal of Psychological Assessment</i> , 2004, 20, 124-133.	3.0	132
6	Temperament dimensions explain the comorbidity of psychiatric disorders. <i>Comprehensive Psychiatry</i> , 1996, 37, 292-298.	3.1	130
7	The Iowa Personality Disorder Screen: Development and Preliminary Validation of a Brief Screening Interview. <i>Journal of Personality Disorders</i> , 1999, 13, 75-89.	1.4	122
8	Intrinsic Motivation and Achievement in Mathematics in Elementary School: A Longitudinal Investigation of Their Association. <i>Child Development</i> , 2016, 87, 165-175.	3.0	112
9	Impulsivity in depressed children and adolescents: A comparison between behavioral and neuropsychological data. <i>Psychiatry Research</i> , 2005, 136, 123-133.	3.3	104
10	A Genetically Informed Study of the Association Between Childhood Separation Anxiety, Sensitivity to CO ₂ , Panic Disorder, and the Effect of Childhood Parental Loss. <i>Archives of General Psychiatry</i> , 2009, 66, 64.	12.3	102
11	The 35% CO ₂ challenge in panic disorder: Optimization by receiver operating characteristic (ROC) analysis. <i>Journal of Psychiatric Research</i> , 1995, 29, 111-119.	3.1	96
12	A comprehensive meta-analysis of cognitive-behavioral interventions for social anxiety disorder in children and adolescents. <i>Journal of Anxiety Disorders</i> , 2016, 42, 105-112.	3.2	88
13	Reliability and validity of the Italian version of the Temperament and Character Inventory-Revised in an outpatient sample. <i>Comprehensive Psychiatry</i> , 2007, 48, 380-387.	3.1	84
14	A family-based association study does not support DYX1C1 on 15q21.3 as a candidate gene in developmental dyslexia. <i>European Journal of Human Genetics</i> , 2005, 13, 491-499.	2.8	81
15	Shared Neurocognitive Dysfunctions in Young Offspring at Extreme Risk for Schizophrenia or Bipolar Disorder in Eastern Quebec Multigenerational Families. <i>Schizophrenia Bulletin</i> , 2009, 35, 919-930.	4.3	80
16	Anxiety and panic: from human studies to animal research and back. <i>Neuroscience and Biobehavioral Reviews</i> , 2005, 29, 169-179.	6.1	74
17	Genetic and environmental influences on anxiety dimensions in Italian twins evaluated with the SCARED questionnaire. <i>Journal of Anxiety Disorders</i> , 2006, 20, 760-777.	3.2	72
18	Unstable Maternal Environment, Separation Anxiety, and Heightened CO ₂ Sensitivity Induced by Gene-by-Environment Interplay. <i>PLoS ONE</i> , 2011, 6, e18637.	2.5	71

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19	Effects of Serotonin Transporter Promoter Genotype on Platelet Serotonin Transporter Functionality in Depressed Children and Adolescents. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 1999, 38, 1396-1402.	0.5	70
20	Altered neurophysiological responses to emotional faces discriminate children with ASD, ADHD and ASD+ADHD. <i>Biological Psychology</i> , 2014, 103, 125-134.	2.2	70
21	Physiological and behavioral responses to minor stressors in offspring of patients with panic disorder. <i>Journal of Psychiatric Research</i> , 1997, 31, 365-376.	3.1	63
22	Ambulatory polysomnography of never-depressed borderline subjects: A high-risk approach to rapid eye movement latency. <i>Biological Psychiatry</i> , 1993, 33, 326-334.	1.3	62
23	Socioeconomic status mediates the genetic contribution of the dopamine receptor D4 and serotonin transporter linked promoter region repeat polymorphisms to externalization in preadolescence. <i>Development and Psychopathology</i> , 2007, 19, 1147-1160.	2.3	62
24	A General Population Twin Study of the CBCL/6-18 DSM-Oriented Scales. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2007, 46, 619-627.	0.5	62
25	Children's Discrimination of Expressions of Emotions: Relationship With Indices of Social Anxiety and Shyness. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2004, 43, 358-365.	0.5	61
26	Early-life risk factors for panic and separation anxiety disorder: Insights and outstanding questions arising from human and animal studies of CO2 sensitivity. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 46, 455-464.	6.1	60
27	Postnatal Aversive Experience Impairs Sensitivity to Natural Rewards and Increases Susceptibility to Negative Events in Adult Life. <i>Cerebral Cortex</i> , 2013, 23, 1606-1617.	2.9	58
28	Verbal and Visual Memory Impairments Among Young Offspring and Healthy Adult Relatives of Patients With Schizophrenia and Bipolar Disorder: Selective Generational Patterns Indicate Different Developmental Trajectories. <i>Schizophrenia Bulletin</i> , 2011, 37, 1218-1228.	4.3	57
29	Mobile and wearable technology for monitoring depressive symptoms in children and adolescents: A scoping review. <i>Journal of Affective Disorders</i> , 2020, 265, 314-324.	4.1	55
30	A genetic study of the acute anxious response to carbon dioxide stimulation in man. <i>Journal of Psychiatric Research</i> , 2007, 41, 906-917.	3.1	52
31	Early handling and repeated cross-fostering have opposite effect on mouse emotionality. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 93.	2.0	52
32	Examining Symptom-Level Bifactor Models of Psychopathology and Dysregulation in Clinically Referred Children and Adolescents. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2018, 57, 384-396.	0.5	51
33	A twin study of the common vulnerability between heightened sensitivity to hypercapnia and panic disorder. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2008, 147B, 586-593.	1.7	49
34	GENETIC AND ENVIRONMENTAL CONTRIBUTIONS TO SEPARATION ANXIETY: A META-ANALYTIC APPROACH TO TWIN DATA. <i>Depression and Anxiety</i> , 2012, 29, 754-761.	4.1	49
35	The co-occurrence between internalizing and externalizing behaviors. <i>European Child and Adolescent Psychiatry</i> , 2008, 17, 82-92.	4.7	47
36	Modulation by Muscarinic Antagonists of the Response to Carbon Dioxide Challenge in Panic Disorder. <i>Archives of General Psychiatry</i> , 2001, 58, 114.	12.3	45

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37	A Twin Study of the Relationships among Inattention, Hyperactivity/Impulsivity and Sluggish Cognitive Tempo Problems. <i>Journal of Abnormal Child Psychology</i> , 2014, 42, 63-75.	3.5	45
38	Distinct trajectories of separation anxiety in the preschool years: persistence at school entry and early-life associated factors. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2016, 57, 39-46.	5.2	45
39	The influence of family structure, the TPH2 ϵ G ϵ 703T and the 5-HTTLPR serotonergic genes upon affective problems in children aged 10 ϵ 14 ϵ years. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2009, 50, 317-325.	5.2	44
40	First-cycle REM density in never-depressed subjects with borderline personality disorder. <i>Biological Psychiatry</i> , 1999, 45, 1056-1058.	1.3	43
41	COMT Val158Met polymorphism and socioeconomic status interact to predict attention deficit/hyperactivity problems in children aged 10 ϵ 14. <i>European Child and Adolescent Psychiatry</i> , 2010, 19, 549-557.	4.7	43
42	Gene ϵ environment interactions in panic disorder and CO ₂ sensitivity: Effects of events occurring early in life. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2011, 156, 79-88.	1.7	43
43	A case-control and family-based association study of the 5-HTTLPR in pediatric-onset depressive disorders. <i>Biological Psychiatry</i> , 2004, 56, 292-295.	1.3	42
44	CEREBRAL RESPONSES TO EMOTIONAL EXPRESSIONS AND THE DEVELOPMENT OF SOCIAL ANXIETY DISORDER: A PRELIMINARY LONGITUDINAL STUDY. <i>Depression and Anxiety</i> , 2012, 29, 54-61.	4.1	39
45	Maternal depression symptoms and internalising problems in the offspring: the role of maternal and family factors. <i>European Child and Adolescent Psychiatry</i> , 2018, 27, 921-932.	4.7	38
46	DSM-III-R personality disorders in panic and obsessive-compulsive disorder: A comparison study. <i>Comprehensive Psychiatry</i> , 1991, 32, 450-457.	3.1	36
47	Personality features related to generalized anxiety disorder. <i>Comprehensive Psychiatry</i> , 1990, 31, 363-368.	3.1	35
48	Early developmental trajectories of number knowledge and math achievement from 4 to 10 ϵ years: Low-persistent profile and early-life predictors. <i>Journal of School Psychology</i> , 2018, 68, 84-98.	2.9	35
49	Brain white matter organisation in adolescence is related to childhood cerebral responses to facial expressions and harm avoidance. <i>NeuroImage</i> , 2012, 61, 1394-1401.	4.2	34
50	Histone Modifications in a Mouse Model of Early Adversities and Panic Disorder: Role for Asic1 and Neurodevelopmental Genes. <i>Scientific Reports</i> , 2016, 6, 25131.	3.3	33
51	Anticipation of Age at Onset in Panic Disorder. <i>American Journal of Psychiatry</i> , 1998, 155, 590-595.	7.2	30
52	An Assessment of Transmission Disequilibrium Between Quantitative Measures of Childhood Problem Behaviors and DRD2/TaqI and DRD4/48bp-Repeat Polymorphisms. <i>Behavior Genetics</i> , 2004, 34, 495-502.	2.1	30
53	Early childhood trajectories of separation anxiety: Bearing on mental health, academic achievement, and physical health from mid-childhood to preadolescence. <i>Depression and Anxiety</i> , 2017, 34, 918-927.	4.1	30
54	The heritability of reading and reading-related neurocognitive components: A multi-level meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 121, 175-200.	6.1	30

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55	The Relationships between Adverse Events, Early Antecedents, and Carbon Dioxide Reactivity as an Intermediate Phenotype of Panic Disorder. <i>Psychotherapy and Psychosomatics</i> , 2010, 79, 48-55.	8.8	29
56	Twin studies of the covariation of pain with depression and anxiety: A systematic review and re-evaluation of critical needs. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 111, 135-148.	6.1	28
57	Comorbidity of panic and somatization disorder: A genetic-epidemiological approach. <i>Comprehensive Psychiatry</i> , 1995, 36, 411-420.	3.1	27
58	An Investigation of the Co-Occurrence of Panic and Somatization Disorders Through Temperamental Variables. <i>Psychosomatic Medicine</i> , 1998, 60, 726-729.	2.0	27
59	Influence of the OPRM1 gene polymorphism upon children's degree of withdrawal and brain activation in response to facial expressions. <i>Developmental Cognitive Neuroscience</i> , 2012, 2, 103-109.	4.0	27
60	Morbidity risk for mood disorders in the families of borderline patients. <i>Journal of Affective Disorders</i> , 1991, 21, 265-272.	4.1	26
61	The role of genes and environment in shaping co-occurrence of DSM-IV defined anxiety dimensions among Italian twins aged 8-17. <i>Journal of Anxiety Disorders</i> , 2010, 24, 433-439.	3.2	26
62	Beyond the usual suspects: a cholinergic route for panic attacks. <i>Molecular Psychiatry</i> , 2002, 7, 239-246.	7.9	25
63	Clumsiness and psychopathology: Causation or shared etiology? A twin study with the CBCL 6-18 questionnaire in a general school-age population sample. <i>Human Movement Science</i> , 2010, 29, 326-338.	1.4	24
64	Clinical utility of the CBCL Dysregulation Profile in children with disruptive behavior. <i>Journal of Affective Disorders</i> , 2019, 253, 87-95.	4.1	24
65	The Nature of Covariation Between Autistic Traits and Clumsiness: A Twin Study in a General Population Sample. <i>Journal of Autism and Developmental Disorders</i> , 2011, 41, 1665-1674.	2.7	23
66	The nature of depression in borderline depressed patients. <i>Comprehensive Psychiatry</i> , 1992, 33, 128-133.	3.1	22
67	EVIDENCE FOR DISTINCT GENETIC EFFECTS ASSOCIATED WITH RESPONSE TO 35% CO ₂ . <i>Depression and Anxiety</i> , 2013, 30, 259-266.	4.1	21
68	Prevalence of Pain Management Techniques Among Adults With Chronic Pain in the United States, 2019. <i>JAMA Network Open</i> , 2022, 5, e2146697.	5.9	21
69	Taxonic structure of schizotypal personality disorder: A multiple-instrument, multi-sample study based on mixture models. <i>Psychiatry Research</i> , 2005, 137, 71-85.	3.3	20
70	Young Offspring at Genetic Risk of Adult Psychoses: The Form of the Trajectory of IQ or Memory May Orient to the Right Dysfunction at the Right Time. <i>PLoS ONE</i> , 2011, 6, e19153.	2.5	20
71	Subclinical impairment of lung airways in patients with panic disorder. <i>Biological Psychiatry</i> , 1994, 36, 601-605.	1.3	18
72	Challenges in the appraisal and application of gene-environment interdependence. <i>European Journal of Developmental Psychology</i> , 2012, 9, 419-425.	1.8	18

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73	GRIN2B predicts attention problems among disadvantaged children. <i>European Child and Adolescent Psychiatry</i> , 2015, 24, 827-836.	4.7	18
74	Amiloride modulation of carbon dioxide hypersensitivity and thermal nociceptive hypersensitivity induced by interference with early maternal environment. <i>Journal of Psychopharmacology</i> , 2019, 33, 101-108.	4.0	18
75	Trajectories of pain and anxiety in a longitudinal cohort of adolescent twins. <i>Depression and Anxiety</i> , 2020, 37, 475-484.	4.1	17
76	A meta-analysis of the cross-cultural psychometric properties of the Social Phobia and Anxiety Inventory for Children (SPAI-C). <i>Journal of Anxiety Disorders</i> , 2012, 26, 182-188.	3.2	16
77	Separation anxiety: at the neurobiological crossroads of adaptation and illness. <i>Dialogues in Clinical Neuroscience</i> , 2015, 17, 277-285.	3.7	16
78	Conserved DNA Methylation Signatures in Early Maternal Separation and in Twins Discordant for CO2 Sensitivity. <i>Scientific Reports</i> , 2018, 8, 2258.	3.3	15
79	Animal Models of Human Anxiety Disorders: Reappraisal From a Developmental Psychopathology Vantage Point. <i>Pediatric Research</i> , 2011, 69, 77R-84R.	2.3	14
80	A General Population Twin Study of Conduct Problems and the Auditory P300 Waveform. <i>Journal of Abnormal Child Psychology</i> , 2014, 42, 861-869.	3.5	14
81	Childhood multi-trajectories of shyness, anxiety and depression: Associations with adolescent internalizing problems. <i>Journal of Applied Developmental Psychology</i> , 2019, 64, 101050.	1.7	14
82	Gene-Environment Interaction in Panic Disorder and Posttraumatic Stress Disorder. <i>Canadian Journal of Psychiatry</i> , 2013, 58, 69-75.	1.9	13
83	Putative Risk Factors in Developmental Dyslexia. <i>Journal of Learning Disabilities</i> , 2015, 48, 120-129.	2.2	13
84	DSM-III-R personality disorders in panic disorder. <i>Journal of Anxiety Disorders</i> , 1993, 7, 153-161.	3.2	12
85	Psychometric Properties of the Social Phobia and Anxiety Inventory for Children (SPAI-C). <i>European Journal of Psychological Assessment</i> , 2012, 28, 51-59.	3.0	12
86	Identification of gradually changing emotional expressions in schoolchildren: The influence of the type of stimuli and of specific symptoms of anxiety. <i>Cognition and Emotion</i> , 2010, 24, 1070-1079.	2.0	11
87	Sensitivity to carbon dioxide and translational studies of anxiety disorders. <i>Neuroscience</i> , 2017, 346, 434-436.	2.3	11
88	Genetic and environmental influences upon the CBCL/6-18 DSM-oriented scales: similarities and differences across three different computational approaches and two age ranges. <i>European Child and Adolescent Psychiatry</i> , 2010, 19, 647-658.	4.7	10
89	Shared genetic influences among childhood shyness, social competences, and cortical responses to emotions. <i>Journal of Experimental Child Psychology</i> , 2017, 160, 67-80.	1.4	10
90	A Way through the woods: Development of an integrated care pathway for adolescents with depression. <i>Microbial Biotechnology</i> , 2020, 14, 486-494.	1.7	10

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91	Stability of extemporaneously compounded amiloride nasal spray. PLoS ONE, 2020, 15, e0232435.	2.5	10
92	COVID-19 Pandemic Impact and Response in Canadian Pediatric Chronic Pain Care: A National Survey of Medical Directors and Pain Professionals. Canadian Journal of Pain, 2021, 5, 139-150.	1.7	10
93	Repeated Cross-fostering Protocol as a Mouse Model of Early Environmental Instability. Bio-protocol, 2016, 6, .	0.4	9
94	Reappraising Preclinical Models of Separation Anxiety Disorder, Panic Disorder, and CO2 Sensitivity: Implications for Methodology and Translation into New Treatments. Current Topics in Behavioral Neurosciences, 2018, 40, 195-217.	1.7	8
95	Adolescent pain, anxiety, and depressive problems: a twin study of their co-occurrence and the relationship to substance use. Pain, 2022, 163, e488-e494.	4.2	8
96	A Genetically Informed Study of the Covariation Between the CBCL/6-18 DSM-Oriented Problem Scales and the Competence Scales. Behavior Genetics, 2011, 41, 522-532.	2.1	7
97	Persistent Genetic and Family-Wide Environmental Contributions to Early Number Knowledge and Later Achievement in Mathematics. Psychological Science, 2017, 28, 1707-1718.	3.3	7
98	High separation anxiety trajectory in early childhood is a risk factor for sleep bruxism at age 7. Sleep, 2020, 43, .	1.1	7
99	Consideration of Adolescent Pain in Responses to the Opioid Crisis. JAMA Psychiatry, 2021, 78, 5.	11.0	7
100	A Genetically Informed Study of the Covariation Between Childhood Anxiety Dimensions and Social Competence. Journal of Child and Family Studies, 2017, 26, 2519-2528.	1.3	6
101	The nature of the association between number line and mathematical performance: An international twin study. British Journal of Educational Psychology, 2019, 89, 787-803.	2.9	6
102	The role of genetic and environmental factors in covariation between anxiety and anger in childhood. European Child and Adolescent Psychiatry, 2021, 30, 607-617.	4.7	6
103	Is behavioral genetics "too-big-to-know"™ science?. Behavioral and Brain Sciences, 2012, 35, 360-360.	0.7	5
104	Gene-Environment Interaction and Behavioral Disorders: A Developmental Perspective Based on Endophenotypes. Novartis Foundation Symposium, 2008, 293, 31-47.	1.1	5
105	Mouse model of panic disorder: Vulnerability to early environmental instability is strain-dependent. Developmental Psychobiology, 2021, 63, e22135.	1.6	4
106	Adolescent pain: appraisal of the construct and trajectory prediction-by-symptom between age 12 and 17 years in a Canadian twin birth cohort. Pain, 2022, 163, e1013-e1020.	4.2	4
107	CARIBOU: A pilot controlled trial of an Integrated Care Pathway for the treatment of depression in adolescents. JCPP Advances, 2022, 2, .	2.4	4
108	Gene Environment Interplays: Why PTSD Makes a Good Case for Gene-Environment Interaction Studies and How Adding a Developmental Approach Can Help. , 2015, , 1-13.		3

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109	Children's Mental Health in Southwestern Ontario during Summer 2020 of the COVID-19 Pandemic. <i>Journal of the Canadian Academy of Child and Adolescent Psychiatry</i> , 2021, 30, 177-190.	0.6	3
110	Epigenomic landscapes and their relationship to variation, fitness, and evolution. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 109, 90-91.	6.1	2
111	Experiences of Pediatric Pain Professionals Providing Care during the COVID-19 Pandemic: A Qualitative Study. <i>Children</i> , 2022, 9, 230.	1.5	2
112	Review: Impact of urgent youth outpatient mental health care on patient and health system outcomes â€” a scoping review. <i>Child and Adolescent Mental Health</i> , 2022, , .	3.5	2
113	Cautionary note: complex (dys)function of the serotonin transporter. <i>Biological Psychiatry</i> , 2000, 48, 334-335.	1.3	1
114	Genetics of Personality Disorders. , 1999, , 1-15.		1
115	Gene Environment Interplays: Why PTSD Makes a Good Case for Geneâ€”Environment Interaction Studies and How Adding a Developmental Approach Can Help. , 2016, , 1053-1067.		1
116	Sensorimotor testing in children. , 2011, , .		0
117	Social Effectiveness Therapy (SET-C) in a Boy with Aspergerâ€™s Syndrome: A Case Report. <i>Psychotherapy and Psychosomatics</i> , 2012, 81, 130-130.	8.8	0
118	Human panic disorder and the cholinergic system. , 2004, , 463-466.		0