Cristian Bonvicini

List of Publications by Year
in descending order

87 papers	3,703 citations	147801 31 h-index	138484 58 g-index
92 all docs	92 docs citations	92 times ranked	6744 citing authors

#	Article	IF	Citations
1	A Genome-Wide Investigation of SNPs and CNVs in Schizophrenia. PLoS Genetics, 2009, 5, e1000373.	3.5	383
2	A Panâ€<scp>E</scp>uropean Study of theC9orf72Repeat Associated with<scp>FTLD</scp>: Geographic Prevalence, Genomic Instability, and Intermediate Repeats. Human Mutation, 2013, 34, 363-373.	2.5	247
3	Mutation withinTARDBPleads to Frontotemporal Dementia without motor neuron disease. Human Mutation, 2009, 30, E974-E983.	2.5	220
4	Biomarkers and Attention-Deficit/Hyperactivity Disorder: A Systematic Review and Meta-Analyses. Journal of the American Academy of Child and Adolescent Psychiatry, 2012, 51, 1003-1019.e20.	0.5	192
5	Attention-deficit hyperactivity disorder in adults: A systematic review and meta-analysis of genetic, pharmacogenetic and biochemical studies. Molecular Psychiatry, 2016, 21, 872-884.	7.9	175
6	Heterozygous TREM2 mutations in frontotemporal dementia. Neurobiology of Aging, 2014, 35, 934.e7-934.e10.	3.1	134
7	Biomarkers in the Diagnosis of ADHD â€“ Promising Directions. Current Psychiatry Reports, 2014, 16, 497.	4.5	110
8	Genetic Predictors of Increase in Suicidal Ideation During Antidepressant Treatment in the GENDEP Project. Neuropsychopharmacology, 2009, 34, 2517-2528.	5.4	105
9	Rare mutations in SQSTM1 modify susceptibility to frontotemporal lobar degeneration. Acta Neuropathologica, 2014, 128, 397-410.	7.7	93
10	New Copy Number Variations in Schizophrenia. PLoS ONE, 2010, 5, e13422.	2.5	82
11	Genetic aspects of the worldwide colonization process of Ceratitis capitata. Journal of Heredity, 1998, 89, 501-507.	2.4	75
12	TARDBP Mutations in Frontotemporal Lobar Degeneration: Frequency, Clinical Features, and Disease Course. Rejuvenation Research, 2010, 13, 509-517.	1.8	73
13	Common and specific genes and peripheral biomarkers in children and adults with attention-deficit/hyperactivity disorder. World Journal of Biological Psychiatry, 2018, 19, 80-100.	2.6	64
14	Progranulin genetic variations in frontotemporal lobar degeneration: evidence for low mutation frequency in an Italian clinical series. Neurogenetics, 2008, 9, 197-205.	1.4	63
15	Cytokine gene polymorphisms in gastric cancer patients from two Italian areas at high and low cancer prevalence. Cytokine, 2005, 30, 293-302.	3.2	58
16	Ozone: a natural bioactive molecule with antioxidant property as potential new strategy in aging and in neurodegenerative disorders. Ageing Research Reviews, 2020, 63, 101138.	10.9	55
17	BDNF serum levels, but not BDNF Val66Met genotype, are correlated with personality traits in healthy subjects. European Archives of Psychiatry and Clinical Neuroscience, 2011, 261, 323-329.	3.2	54
18	Association between IL-1Î² -511C/T and IL-1RA (86bp)n repeats polymorphisms and schizophrenia. Journal of Psychiatric Research, 2003, 37, 457-462.	3.1	52

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19	Association of K832R and R952K SNPs of Wilson's Disease Gene with Alzheimer's Disease. Journal of Alzheimer's Disease, 2012, 29, 913-919.	2.6	50
20	Supporting evidence for using biomarkers in the diagnosis of MCI due to AD. Journal of Neurology, 2013, 260, 640-650.	3.6	50
21	Promoter haplotypes of interleukin-10 gene and sporadic Alzheimer's disease. Neuroscience Letters, 2004, 356, 119-122.	2.1	49
22	A multi-element psychosocial intervention for early psychosis (GET UP PIANO TRIAL) conducted in a catchment area of 10 million inhabitants: study protocol for a pragmatic cluster randomized controlled trial. Trials, 2012, 13, 73.	1.6	47
23	-G308A tumor necrosis factor alpha functional polymorphism and schizophrenia risk: Meta-analysis plus association study. Brain, Behavior, and Immunity, 2007, 21, 450-457.	4.1	44
24	Variation in GNB3 predicts response and adverse reactions to antidepressants. Journal of Psychopharmacology, 2011, 25, 867-874.	4.0	44
25	Genotypes and haplotypes in the IL-1 gene cluster: analysis of two genetically and diagnostically distinct groups of Alzheimer patients. Neurobiology of Aging, 2005, 26, 455-464.	3.1	43
26	Non-Ceruloplasmin Copper Distincts Subtypes in Alzheimerâ€™s Disease: a Genetic Study of ATP7B Frequency. Molecular Neurobiology, 2017, 54, 671-681.	4.0	40
27	Intron size polymorphism of theAdh1gene parallels the worldwide colonization history of the Mediterranean fruit fly,Ceratitis capitata. Molecular Ecology, 1998, 7, 1729-1741.	3.9	39
28	Founder effect and estimation of the age of the Progranulin Thr272fs mutation in 14 Italian pedigrees with frontotemporal lobar degeneration. Neurobiology of Aging, 2011, 32, 555.e1-555.e8.	3.1	39
29	The influence of psychiatric screening in healthy populations selection: a new study and meta-analysis of functional 5-HTTLPR and rs25531 polymorphisms and anxiety-related personality traits. BMC Psychiatry, 2011, 11, 50.	2.6	39
30	Serotonin transporter gene polymorphisms and treatment-resistant depression. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2010, 34, 934-939.	4.8	38
31	The Role of Antioxidants in the Interplay between Oxidative Stress and Senescence. Antioxidants, 2022, 11, 1224.	5.1	34
32	Copper Imbalance in Alzheimerâ€™s Disease: Meta-Analysis of Serum, Plasma, and Brain Specimens, and Replication Study Evaluating ATP7B Gene Variants. Biomolecules, 2021, 11, 960.	4.0	33
33	Neurodevelopmental disorders: Metallomics studies for the identification of potential biomarkers associated to diagnosis and treatment. Journal of Trace Elements in Medicine and Biology, 2020, 60, 126499.	3.0	32
34	Study on GRIA2, GRIA3 and GRIA4 genes highlights a positive association between schizophrenia and GRIA3 in female patients. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2008, 147B, 745-753.	1.7	31
35	No evidence for allelic association of serotonin 2A receptor and transporter gene polymorphisms with depression in Alzheimer disease. Journal of Alzheimer's Disease, 2006, 10, 371-378.	2.6	30
36	Association Study of â€“1727 A/T, â€“50 C/T and (CAA)_n Repeat GSK-3Î² Gene Polymorphisms with Schizophrenia. Neuropsychobiology, 2004, 50, 16-20.	1.9	29

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37	Association between the c. 2495 A>G ATP7B Polymorphism and Sporadic Alzheimer's Disease. International Journal of Alzheimer's Disease, 2011, 2011, 1-9.	2.0	29
38	Next Generation Sequencing Analysis in Early Onset Dementia Patients. Journal of Alzheimer's Disease, 2019, 67, 243-256.	2.6	29
39	DRD4 48â€‰bp multiallelic variants as age-population-specific biomarkers in attention-deficit/hyperactivity disorder. Translational Psychiatry, 2020, 10, 70.	4.8	29
40	Prevalence and Demographic Features of Early-Onset Neurodegenerative Dementia in Brescia County, Italy. Alzheimer Disease and Associated Disorders, 2011, 25, 341-344.	1.3	28
41	Allelic Variation in the Human Prodynorphin Gene Promoter and Schizophrenia. Neuropsychobiology, 2002, 46, 17-21.	1.9	27
42	Schizophrenia susceptibility and NMDA-receptor mediated signalling: an association study involving 32 tagSNPs of DAO, DAOA, PPP3CC, and DTNBP1genes. BMC Medical Genetics, 2013, 14, 33.	2.1	26
43	Proteasome system dysregulation and treatment resistance mechanisms in major depressive disorder. Translational Psychiatry, 2015, 5, e687-e687.	4.8	26
44	3â€² UTR (AGG)n repeat of glial cell line-derived neurotrophic factor (GDNF) gene polymorphism in schizophrenia. Neuroscience Letters, 2004, 357, 235-237.	2.1	24
45	Genetic Variation in the G720/G30 Gene Locus (DAOA) Influences the Occurrence of Psychotic Symptoms in Patients with Alzheimer's Disease. Journal of Alzheimer's Disease, 2009, 18, 953-960.	2.6	24
46	Effects of mild ozonisation on gene expression and nuclear domains organization in vitro. Toxicology in Vitro, 2017, 44, 100-110.	2.4	24
47	Genome Wide Association Study and Next Generation Sequencing: A Glimmer of Light Toward New Possible Horizons in Frontotemporal Dementia Research. Frontiers in Neuroscience, 2019, 13, 506.	2.8	23
48	Molecular mechanisms in cognitive frailty: potential therapeutic targets for oxygen-ozone treatment. Mechanisms of Ageing and Development, 2020, 186, 111210.	4.6	23
49	Possible Influence of a Non-Synonymous Polymorphism Located in the NGF Precursor on Susceptibility to Late-Onset Alzheimer's Disease and Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2012, 29, 699-705.	2.6	20
50	Atypical presentation of a novel Presenilin 1 R377W mutation: sporadic, late-onset Alzheimer disease with epilepsy and frontotemporal atrophy. Neurological Sciences, 2012, 33, 375-378.	1.9	20
51	PCLO gene: Its role in vulnerability to major depressive disorder. Journal of Affective Disorders, 2012, 139, 250-255.	4.1	20
52	Molecular signature of disease onset in Granulin mutation carriers: a gene expression analysis study. Neurobiology of Aging, 2013, 34, 1837-1845.	3.1	19
53	The role of GRIK4 gene in treatment-resistant depression. Genetical Research, 2015, 97, e14.	0.9	19
54	Genetic Background Predicts Poor Prognosis in Frontotemporal Lobar Degeneration. Neurodegenerative Diseases, 2011, 8, 289-295.	1.4	17

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55	MTHFR: Genetic variants, expression analysis and COMT interaction in major depressive disorder. Journal of Affective Disorders, 2015, 183, 179-186.	4.1	17
56	Age at onset reveals different functional connectivity abnormalities in prodromal Alzheimerâ€™s disease. Brain Imaging and Behavior, 2020, 14, 2594-2605.	2.1	17
57	An Association of GRIK3 Ser310Ala Functional Polymorphism with Personality Traits. Neuropsychobiology, 2009, 59, 28-33.	1.9	16
58	Genetic association analysis of serotonin and signal transduction pathways in suicide attempters from an Italian sample of psychiatric patients. Neuroscience Letters, 2017, 656, 94-102.	2.1	16
59	Behavioral and Psychological Symptoms of Dementia (BPSD): Clinical Characterization and Genetic Correlates in an Italian Alzheimerâ€™s Disease Cohort. Journal of Personalized Medicine, 2020, 10, 90.	2.5	15
60	Association study between <scp>HTR2A</scp> rs6313 polymorphism and early response to risperidone and olanzapine in schizophrenia patients. Drug Development Research, 2020, 81, 754-761.	2.9	15
61	Alcohol Dependence and Serotonin Transporter Functional Polymorphisms 5-HTTLPR and rs25531 in an Italian Population. Alcohol and Alcoholism, 2015, 50, 259-265.	1.6	14
62	The Missing Heritability of Sporadic Frontotemporal Dementia: New Insights from Rare Variants in Neurodegenerative Candidate Genes. International Journal of Molecular Sciences, 2019, 20, 3903.	4.1	14
63	Genetic determinants of circulating VEGF levels in major depressive disorder and electroconvulsive therapy response. Drug Development Research, 2020, 81, 593-599.	2.9	14
64	Exome sequencing in schizophrenic patients with high levels of homozygosity identifies novel and extremely rare mutations in the GABA/glutamatergic pathways. PLoS ONE, 2017, 12, e0182778.	2.5	14
65	No association between Ala9Val functional polymorphism of MnSOD gene and schizophrenia in a representative Italian sample. Neuroscience Letters, 2006, 410, 208-211.	2.1	12
66	VEGF Haplotypes are Associated with Increased Risk to Progressive Supranuclear Palsy and Corticobasal Syndrome. Journal of Alzheimer's Disease, 2010, 21, 87-94.	2.6	12
67	Promising Intervention Approaches to Potentially Resolve Neuroinflammation And Steroid Hormones Alterations in Alzheimerâ€™s Disease and Its Neuropsychiatric Symptoms. , 2021, 12, 1337.		11
68	The role of the potassium channel gene KCNK2 in major depressive disorder. Psychiatry Research, 2015, 225, 489-492.	3.3	10
69	Influence of GRIK4 genetic variants on the electroconvulsive therapy response. Neuroscience Letters, 2016, 626, 94-98.	2.1	10
70	Understanding phenotype variability in frontotemporal lobar degeneration due to granulin mutation. Neurobiology of Aging, 2014, 35, 1206-1211.	3.1	9
71	A PCR-based protocol to accurately size C9orf72 intermediate-length alleles. Molecular and Cellular Probes, 2017, 32, 60-64.	2.1	9
72	Investigating the Endo-Lysosomal System in Major Neurocognitive Disorders Due to Alzheimerâ€™s Disease, Frontotemporal Lobar Degeneration and Lewy Body Disease: Evidence for SORL1 as a Cross-Disease Gene. International Journal of Molecular Sciences, 2021, 22, 13633.	4.1	8

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73	Expression and phosphorylation of Î´-CaM kinase II in cultured Alzheimer fibroblasts. Neurobiology of Aging, 2004, 25, 1187-1196.	3.1	7
74	Genetic counselling and testing for inherited dementia: single-centre evaluation of the consensus Italian DIAfN protocol. Alzheimer's Research and Therapy, 2020, 12, 152.	6.2	7
75	Further evidence on the lack of association between glycogen synthase kinase 3Î² gene polymorphisms and bipolar disorder. Psychiatric Genetics, 2007, 17, 249-250.	1.1	6
76	Role of Dopaminergic and Noradrenergic Systems as Potential Biomarkers in ADHD Diagnosis and Treatment. , 0, , .		6
77	A putative regulatory subunit (NR3A) of the NMDA receptor complex as candidate gene for susceptibility to schizophrenia: a caseâ€“control study. Psychiatric Genetics, 2007, 17, 355-356.	1.1	5
78	Polymorphic CA repeat in IGF-I gene: lack of association with schizophrenia. Psychiatric Genetics, 2010, 20, 44-45.	1.1	4
79	Intermediate lengths of the C9ORF72 hexanucleotide repeat expansion may synergistically contribute to attention deficit hyperactivity disorder in child and his father: case report. Neurocase, 2021, 27, 138-146.	0.6	2
80	Genetics and pharmacogenetics of attention deficit hyperactivity disorder in childhood and adulthood. , 2020, , 253-274.		1
81	Polymorphisms of SLC6A4, 5-HT2A and 5-HT6 genes and therapeutic resistance in schizophrenic inpatients. European Neuropsychopharmacology, 2002, 12, 308.	0.7	0
82	P.1.a.009 CYP2D6 polymorphism in patients with Alzheimer's disease in treatment with cholinesterase inhibitors. European Neuropsychopharmacology, 2008, 18, S207-S208.	0.7	0
83	P.2.a.011 Study of microRNA-related single-nucleotide polymorphisms in major depression. European Neuropsychopharmacology, 2015, 25, S381.	0.7	0
84	F49GENETIC DETERMINANTS OF CIRCULATING VEGF LEVELS IN MAJOR DEPRESSIVE DISORDER. European Neuropsychopharmacology, 2019, 29, S1135-S1136.	0.7	0
85	P.264 Association of single nucleotide polymorphisms in the 3â€™ untranslated region of SLC1A2 with major depressive disorder and relative endophenotypes. European Neuropsychopharmacology, 2020, 40, S150-S151.	0.7	0
86	Microglia-Astrocytes Crosstalk and the Role of Steroid Hormones on Cognitive Decline: Promising Interventions Strategies. , 2022, , 732-742.		0
87	Mechanisms of Action of Risperidone and Quetiapine in the Treatment of Agitation, Aggression and Psychosis in Alzheimer's Disease Patients. , 2022, , 601-612.		0