

# Andrea de Bartolomeis

## List of Publications by Year in descending order

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Version: 2024-02-01

81  
papers

2,823  
citations

126907

33  
h-index

197818

49  
g-index

81  
all docs

81  
docs citations

81  
times ranked

3720  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simian virus-40 large-T antigen binds p53 in human mesotheliomas. <i>Nature Medicine</i> , 1997, 3, 908-912.	30.7	244
2	Glutamatergic Postsynaptic Density Protein Dysfunctions in Synaptic Plasticity and Dendritic Spines Morphology: Relevance to Schizophrenia and Other Behavioral Disorders Pathophysiology, and Implications for Novel Therapeutic Approaches. <i>Molecular Neurobiology</i> , 2014, 49, 484-511.	4.0	116
3	Association of the HTR2C gene and antipsychotic induced weight gain: a meta-analysis. <i>International Journal of Neuropsychopharmacology</i> , 2007, 10, 697-704.	2.1	105
4	Psychological distress in patients with serious mental illness during the COVID-19 outbreak and one-month mass quarantine in Italy. <i>Psychological Medicine</i> , 2021, 51, 1054-1056.	4.5	104
5	Permanent Focal Brain Ischemia Induces Isoform-Dependent Changes in the Pattern of Na <sup>+</sup> /Ca <sup>2+</sup> Exchanger Gene Expression in the Ischemic Core, Periinfarct Area, and Intact Brain Regions. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2006, 26, 502-517.	4.3	83
6	Decreased levels of d-aspartate and NMDA in the prefrontal cortex and striatum of patients with schizophrenia. <i>Journal of Psychiatric Research</i> , 2013, 47, 1432-1437.	3.1	78
7	Scaffolding Proteins of the Post-synaptic Density Contribute to Synaptic Plasticity by Regulating Receptor Localization and Distribution: Relevance for Neuropsychiatric Diseases. <i>Neurochemical Research</i> , 2013, 38, 1-22.	3.3	70
8	Differential cognitive performances between schizophrenic responders and non-responders to antipsychotics: Correlation with course of the illness, psychopathology, attitude to the treatment and antipsychotics doses. <i>Psychiatry Research</i> , 2013, 210, 387-395.	3.3	69
9	Agomelatine beyond Borders: Current Evidences of Its Efficacy in Disorders Other than Major Depression. <i>International Journal of Molecular Sciences</i> , 2015, 16, 1111-1130.	4.1	66
10	Different effects of the NMDA receptor antagonists ketamine, MK-801, and memantine on postsynaptic density transcripts and their topography: Role of Homer signaling, and implications for novel antipsychotic and pro-cognitive targets in psychosis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 46, 1-12.	4.8	61
11	Homer 1a Gene Expression Modulation by Antipsychotic Drugs Involvement of the Glutamate Metabotropic System and Effects of D-Cycloserine. <i>Neuropsychopharmacology</i> , 2002, 27, 906-913.	5.4	60
12	Targeting glutamate system for novel antipsychotic approaches: Relevance for residual psychotic symptoms and treatment resistant schizophrenia. <i>European Journal of Pharmacology</i> , 2012, 682, 1-11.	3.5	60
13	Incidence, prevalence and clinical correlates of antidepressant-emergent mania in bipolar depression: a systematic review and meta-analysis. <i>Bipolar Disorders</i> , 2018, 20, 195-227.	1.9	60
14	Treating the Synapse in Major Psychiatric Disorders: The Role of Postsynaptic Density Network in Dopamine-Glutamate Interplay and Psychopharmacologic Drugs Molecular Actions. <i>International Journal of Molecular Sciences</i> , 2017, 18, 135.	4.1	57
15	Calcium-Dependent Networks in Dopamine-Glutamate Interaction: The Role of Postsynaptic Scaffolding Proteins. <i>Molecular Neurobiology</i> , 2012, 46, 275-296.	4.0	50
16	Acute administration of antipsychotics modulates Homer striatal gene expression differentially. <i>Molecular Brain Research</i> , 2002, 98, 124-129.	2.3	47
17	d-Aspartate drinking solution alleviates pain and cognitive impairment in neuropathic mice. <i>Amino Acids</i> , 2016, 48, 1553-1567.	2.7	47
18	Affective temperaments are associated with specific clusters of symptoms and psychopathology: A cross-sectional study on bipolar disorder inpatients in acute manic, mixed, or depressive relapse. <i>Journal of Affective Disorders</i> , 2013, 151, 540-550.	4.1	46

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19	The acute and chronic effects of combined antipsychoticâ€“mood stabilizing treatment on the expression of cortical and striatal postsynaptic density genes. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 184-197.	4.8	44
20	Divergent acute and chronic modulation of glutamatergic postsynaptic density genes expression by the antipsychotics haloperidol and sertindole. <i>Psychopharmacology</i> , 2010, 212, 329-344.	3.1	43
21	Tobacco smoking in treatment-resistant schizophrenia patients is associated with impaired cognitive functioning, more severe negative symptoms, and poorer social adjustment. <i>Neuropsychiatric Disease and Treatment</i> , 2013, 9, 1113.	2.2	43
22	The concept and management of acute episodes of treatment-resistant bipolar disorder: a systematic review and exploratory meta-analysis of randomized controlled trials. <i>Journal of Affective Disorders</i> , 2020, 276, 970-983.	4.1	43
23	Geneâ€“gene interaction between MAOA and COMT in suicidal behavior: Analysis in schizophrenia. <i>Brain Research</i> , 2006, 1097, 26-30.	2.2	42
24	Dopamine receptor subtypes contribution to Homer1a induction: Insights into antipsychotic molecular action. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 813-821.	4.8	42
25	The Glutamatergic Aspects of Schizophrenia Molecular Pathophysiology: Role of the Postsynaptic Density, and Implications for Treatment. <i>Current Neuropharmacology</i> , 2014, 12, 219-238.	2.9	42
26	Pattern of acute induction of <i>Homer1a</i> gene is preserved after chronic treatment with first- and second-generation antipsychotics: effect of short-term drug discontinuation and comparison with Homer1a-interacting genes. <i>Journal of Psychopharmacology</i> , 2011, 25, 875-887.	4.0	40
27	Ketamine-related expression of glutamatergic postsynaptic density genes: Possible implications in psychosis. <i>Neuroscience Letters</i> , 2007, 416, 1-5.	2.1	39
28	Haloperidol induces higher Homer1a expression than risperidone, olanzapine and sulpiride in striatal sub-regions. <i>Psychiatry Research</i> , 2010, 177, 255-260.	3.3	38
29	Chronic treatment with lithium or valproate modulates the expression of Homer1b/c and its related genes Shank and Inositol 1,4,5-trisphosphate receptor. <i>European Neuropsychopharmacology</i> , 2012, 22, 527-535.	0.7	38
30	The emerging role of dopamineâ€“glutamate interaction and of the postsynaptic density in bipolar disorder pathophysiology: Implications for treatment. <i>Journal of Psychopharmacology</i> , 2014, 28, 505-526.	4.0	38
31	Antidepressants activate CaMKII in neuron cell body by Thr286 phosphorylation. <i>NeuroReport</i> , 2004, 15, 2393-2396.	1.2	37
32	Selective regulation of presynaptic Calcium/Calmodulin-Dependent protein kinase II by psychotropic drugs. <i>Biological Psychiatry</i> , 2003, 53, 442-449.	1.3	36
33	Differential expression of Homer 1 gene by acute and chronic administration of antipsychotics and dopamine transporter inhibitors in the rat forebrain. <i>Synapse</i> , 2007, 61, 429-439.	1.2	34
34	Imaging brain gene expression profiles by antipsychotics: Region-specific action of amisulpride on postsynaptic density transcripts compared to haloperidol. <i>European Neuropsychopharmacology</i> , 2013, 23, 1516-1529.	0.7	34
35	Implications of the COVID-19 pandemic for people with bipolar disorders: A scoping review. <i>Journal of Affective Disorders</i> , 2021, 295, 740-751.	4.1	33
36	Postsynaptic density scaffolding proteins at excitatory synapse and disorders of synaptic plasticity: implications for human behavior pathologies. <i>International Review of Neurobiology</i> , 2004, 59, 221-254.	2.0	32

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37	Association study between the novel functional polymorphism of the serotonin transporter gene and suicidal behaviour in schizophrenia. <i>European Neuropsychopharmacology</i> , 2006, 16, 268-271.	0.7	32
38	Association of antipsychotic induced weight gain and body mass index with GNB3 gene: A meta-analysis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 1848-1853.	4.8	32
39	Patients with Poor Response to Antipsychotics Have a More Severe Pattern of Frontal Atrophy: A Voxel-Based Morphometry Study of Treatment Resistance in Schizophrenia. <i>BioMed Research International</i> , 2014, 2014, 1-9.	1.9	32
40	The Role of Intranasal Oxytocin in the Treatment of Patients with Schizophrenia: A Systematic Review. <i>CNS and Neurological Disorders - Drug Targets</i> , 2013, 12, 252-264.	1.4	32
41	Antipsychotic and antidepressant co-treatment: Effects on transcripts of inducible postsynaptic density genes possibly implicated in behavioural disorders. <i>Brain Research Bulletin</i> , 2009, 79, 123-129.	3.0	31
42	Method for quantitative in situ hybridization histochemistry and image analysis applied for Homer1a gene expression in rat brain. <i>Brain Research Protocols</i> , 2003, 11, 189-196.	1.6	28
43	Progressive recruitment of cortical and striatal regions by inducible postsynaptic density transcripts after increasing doses of antipsychotics with different receptor profiles: Insights for psychosis treatment. <i>European Neuropsychopharmacology</i> , 2015, 25, 566-582.	0.7	27
44	HOMER1 Promoter Analysis in Parkinson's Disease: Association Study with Psychotic Symptoms. <i>Neuropsychobiology</i> , 2009, 59, 239-245.	1.9	25
45	Lurasidone in the Treatment of Bipolar Depression: Systematic Review of Systematic Reviews. <i>BioMed Research International</i> , 2017, 2017, 1-17.	1.9	23
46	The identification of biomarkers predicting acute and maintenance lithium treatment response in bipolar disorder: A plea for further research attention. <i>Psychiatry Research</i> , 2018, 269, 658-672.	3.3	21
47	Clozapine impairs insulin action by upregulating AKT phosphorylation and PDK1 protein abundance. <i>Journal of Cellular Physiology</i> , 2012, 227, 1485-1492.	4.1	19
48	Patterns of Management of Patients With Dual Disorder (Psychosis) in Italy: A Survey of Psychiatrists and Other Physicians Focusing on Clinical Practice. <i>Frontiers in Psychiatry</i> , 2018, 9, 575.	2.6	19
49	Psychotic versus non-psychotic bipolar disorder: Socio-demographic and clinical profiles in an Italian nationwide study. <i>Australian and New Zealand Journal of Psychiatry</i> , 2019, 53, 772-781.	2.3	19
50	Safety and tolerability of antipsychotic agents in neurodevelopmental disorders: a systematic review. <i>Expert Opinion on Drug Safety</i> , 2020, 19, 1419-1444.	2.4	19
51	Lack of effect of chronic morphine treatment and naloxone-precipitated withdrawal on tyrosine hydroxylase, galanin, and neuropeptide Y mRNA levels in the rat locus coeruleus. <i>Synapse</i> , 1995, 19, 197-205.	1.2	18
52	Combination of aripiprazole with mood stabilizers for the treatment of bipolar disorder: from acute mania to long-term maintenance. <i>Expert Opinion on Pharmacotherapy</i> , 2012, 13, 2027-2036.	1.8	18
53	Towards a framework for treatment effectiveness in schizophrenia. <i>Neuropsychiatric Disease and Treatment</i> , 2014, 10, 1867.	2.2	18
54	New advances in the treatment of generalized anxiety disorder: the multimodal antidepressant vortioxetine. <i>Expert Review of Neurotherapeutics</i> , 2016, 16, 483-495.	2.8	18

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55	Dopaminergic regulation of epileptic activity. <i>Neurochemistry International</i> , 1992, 20, 245-249.	3.8	17
56	Regulation of postsynaptic plasticity genes' expression and topography by sustained dopamine perturbation and modulation by acute memantine: Relevance to schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 54, 299-314.	4.8	17
57	Clinical and psychopathological features associated with treatment-emergent mania in bipolar-II depressed outpatients exposed to antidepressants. <i>Journal of Affective Disorders</i> , 2018, 234, 131-138.	4.1	16
58	Machine Learning algorithm unveils glutamatergic alterations in the post-mortem schizophrenia brain. <i>NPJ Schizophrenia</i> , 2022, 8, 8.	3.6	16
59	Intracellular pathways of antipsychotic combined therapies: Implication for psychiatric disorders treatment. <i>European Journal of Pharmacology</i> , 2013, 718, 502-523.	3.5	15
60	MicroRNAs in Schizophrenia: Implications for Synaptic Plasticity and Dopamine-Glutamate Interaction at the Postsynaptic Density. <i>New Avenues for Antipsychotic Treatment Under a Theranostic Perspective. Molecular Neurobiology</i> , 2015, 52, 1771-1790.	4.0	15
61	Socio-demographic and clinical characterization of patients with Bipolar Disorder I vs II: a Nationwide Italian Study. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2018, 268, 169-177.	3.2	15
62	Gender-related differences in patients with bipolar disorder: a nationwide study. <i>CNS Spectrums</i> , 2019, 24, 589-596.	1.2	15
63	Factor structure and reliability of the Italian adaptation of the Hypomania Check List-32, second revision (HCL-32-R2). <i>Journal of Affective Disorders</i> , 2015, 178, 112-120.	4.1	14
64	Switching antipsychotics: Imaging the differential effect on the topography of postsynaptic density transcripts in antipsychotic-naïve vs. antipsychotic-exposed rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 70, 24-38.	4.8	14
65	Modulation of glutamatergic functional connectivity by a prototypical antipsychotic: Translational inference from a postsynaptic density immediate-early gene-based network analysis. <i>Behavioural Brain Research</i> , 2021, 404, 113160.	2.2	13
66	Targets, attitudes, and goals of psychiatrists treating patients with schizophrenia: key outcome drivers, role of quality of life, and place of long-acting antipsychotics. <i>Neuropsychiatric Disease and Treatment</i> , 2016, 12, 99.	2.2	12
67	Glutamatergic postsynaptic density in early life stress programming: Topographic gene expression of mGlu5 receptors and Homer proteins. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 96, 109725.	4.8	11
68	Analysis of mRNA and Protein Levels of CAP2, DLG1 and ADAM10 Genes in Post-Mortem Brain of Schizophrenia, Parkinson's and Alzheimer's Disease Patients. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1539.	4.1	10
69	Dandy-Walker syndrome with psychotic symptoms: a case report. <i>Rivista Di Psichiatria</i> , 2014, 49, 100-2.	0.6	9
70	Treatment-resistant schizophrenia: Addressing white matter integrity, intracortical glutamate levels, clinical and cognitive profiles between early- and adult-onset patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 114, 110493.	4.8	9
71	The Glucocorticoid Analog Dexamethasone Alters the Expression and the Distribution of Dopamine Receptors and Enkephalin within Cortico- Subcortical Regions. <i>Current Molecular Pharmacology</i> , 2014, 6, 149-155.	1.5	8
72	The Effects of Antipsychotics on the Synaptic Plasticity Gene Homer1a Depend on a Combination of Their Receptor Profile, Dose, Duration of Treatment, and Brain Regions Targeted. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5555.	4.1	8

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73	Plasma HVA, tardive dyskinesia and psychotic symptoms in long-term drug-free inpatients with schizophrenia. <i>Psychiatry Research</i> , 1990, 33, 259-267.	3.3	7
74	The expression of genes involved in glucose metabolism is affected by Nâ€methylâ€Dâ€aspartate receptor antagonism: A putative link between metabolism and an animal model of psychosis. <i>Journal of Neuroscience Research</i> , 2012, 90, 1756-1767.	2.9	7
75	Efficacy and Clinical Determinants of Antipsychotic Polypharmacy in Psychotic Patients Experiencing an Acute Relapse and Admitted to Hospital Stay: Results from a Cross-Sectional and a Subsequent Longitudinal Pilot Study. <i>ISRN Pharmacology</i> , 2014, 2014, 1-9.	1.6	6
76	Opioidergic and dopaminergic gene expression in the caudate-putamen and accumbens of the mutant mouse, tottering (tg/tg). <i>Molecular Brain Research</i> , 1997, 46, 321-324.	2.3	4
77	Group 1 metabotropic glutamate receptors and schizophrenia. <i>Environmental Sciences Europe</i> , 2012, 1, 94-103.	5.5	4
78	Developmental trajectories in psychiatric disorders: does substance/alcohol use moderate the effects of affective temperaments as moderators of age at onset? A study in post-acute, hospitalized patients with psychotic or DSM-5 bipolar or major depressive disorders. <i>Journal of Addictive Diseases</i> , 2021, 39, 373-387.	1.3	3
79	Predicting the Severity of Lockdown-Induced Psychiatric Symptoms with Machine Learning. <i>Diagnostics</i> , 2022, 12, 957.	2.6	3
80	Striatal expression of Homer1a is affected by genotype but not dystonic phenotype of tottering mice: A model of spontaneously occurring motor disturbances. <i>Neuroscience Letters</i> , 2011, 503, 176-180.	2.1	2
81	Pharmacotherapy to prevent the onset of depression following traumatic brain injury. <i>Expert Opinion on Pharmacotherapy</i> , 2022, 23, 255-262.	1.8	1