

# Luca Steardo Jr

## List of Publications by Year in descending order

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105  
papers

5,148  
citations

81900

39  
h-index

95266

68  
g-index

110  
all docs

110  
docs citations

110  
times ranked

7471  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cannabidiol Reduces A $\beta$ <sup>2</sup> -Induced Neuroinflammation and Promotes Hippocampal Neurogenesis through PPAR $\delta$ <sup>3</sup> Involvement. PLoS ONE, 2011, 6, e28668.	2.5	312
2	Neuroinfection may contribute to pathophysiology and clinical manifestations of COVID-19. Acta Physiologica, 2020, 229, e13473.	3.8	283
3	Cannabidiol in vivo blunts $\beta$ -amyloid induced neuroinflammation by suppressing IL-1 $\beta$ and iNOS expression. British Journal of Pharmacology, 2007, 151, 1272-1279.	5.4	235
4	Palmitoylethanolamide improves colon inflammation through an enteric glia/toll like receptor 4-dependent PPAR- $\delta$ activation. Gut, 2014, 63, 1300-1312.	12.1	217
5	Targeting neuroinflammation in Alzheimer's disease. Journal of Inflammation Research, 2016, Volume 9, 199-208.	3.5	198
6	Psychiatric face of COVID-19. Translational Psychiatry, 2020, 10, 261.	4.8	169
7	Sigma-1 receptor knockout mice display a depressive-like phenotype. Behavioural Brain Research, 2009, 198, 472-476.	2.2	146
8	New Insights into the Biology of Schizophrenia through the Mechanism of Action of Clozapine. Neuropsychopharmacology, 1995, 13, 177-213.	5.4	138
9	Astroglipathology. Neuroscientist, 2014, 20, 576-588.	3.5	126
10	Cannabidiol Promotes Amyloid Precursor Protein Ubiquitination and Reduction of Beta Amyloid Expression in SHSY5Y-APP+ Cells Through PPAR $\delta$ <sup>3</sup> Involvement. Phytotherapy Research, 2014, 28, 1007-1013.	5.8	124
11	Alterations of prefrontal cortex GABAergic transmission in the complex psychotic-like phenotype induced by adolescent delta-9-tetrahydrocannabinol exposure in rats. Neurobiology of Disease, 2014, 63, 35-47.	4.4	120
12	Suicide in the Early Stage of Schizophrenia. Frontiers in Psychiatry, 2016, 7, 116.	2.6	108
13	Dissociation between opioid and CRF1 antagonist sensitive drinking in Sardinian alcohol-preferring rats. Psychopharmacology, 2006, 189, 175-186.	3.1	101
14	Palmitoylethanolamide exerts neuroprotective effects in mixed neuroglial cultures and organotypic hippocampal slices via peroxisome proliferator-activated receptor- $\delta$ . Journal of Neuroinflammation, 2012, 9, 49.	7.2	97
15	Palmitoylethanolamide counteracts reactive astrogliosis induced by $\beta$ -amyloid peptide. Journal of Cellular and Molecular Medicine, 2011, 15, 2664-2674.	3.6	90
16	Translational potential of astrocytes in brain disorders. Progress in Neurobiology, 2016, 144, 188-205.	5.7	89
17	S100B induces tau protein hyperphosphorylation via Dickkopf-1 up-regulation and disrupts the Wnt pathway in human neural stem cells. Journal of Cellular and Molecular Medicine, 2008, 12, 914-927.	3.6	81
18	Palmitoylethanolamide controls reactive gliosis and exerts neuroprotective functions in a rat model of Alzheimer's disease. Cell Death and Disease, 2014, 5, e1419-e1419.	6.3	79

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19	Opioid system in the medial prefrontal cortex mediates binge-like eating. <i>Addiction Biology</i> , 2014, 19, 652-662.	2.6	77
20	S100B and APP Promote a Gliocentric Shift and Impaired Neurogenesis in Down Syndrome Neural Progenitors. <i>PLoS ONE</i> , 2011, 6, e22126.	2.5	73
21	Opposing Control of Cannabinoid Receptor Stimulation on Amyloid- $\beta$ -Induced Reactive Gliosis: In Vitro and in Vivo Evidence. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 322, 1144-1152.	2.5	72
22	Antagonism of Sigma-1 Receptors Blocks Compulsive-Like Eating. <i>Neuropsychopharmacology</i> , 2012, 37, 2593-2604.	5.4	72
23	Does neuroinflammation turn on the flame in Alzheimer's disease? Focus on astrocytes. <i>Frontiers in Neuroscience</i> , 2015, 9, 259.	2.8	72
24	Application of Support Vector Machine on fMRI Data as Biomarkers in Schizophrenia Diagnosis: A Systematic Review. <i>Frontiers in Psychiatry</i> , 2020, 11, 588.	2.6	71
25	The $\delta$ -Receptor Antagonist BD-1063 Decreases Ethanol Intake and Reinforcement in Animal Models of Excessive Drinking. <i>Neuropsychopharmacology</i> , 2009, 34, 1482-1493.	5.4	69
26	Withdrawal from chronic, intermittent access to a highly palatable food induces depressive-like behavior in compulsive eating rats. <i>Behavioural Pharmacology</i> , 2012, 23, 593-602.	1.7	69
27	CB1 receptor selective activation inhibits $\beta$ -amyloid-induced iNOS protein expression in C6 cells and subsequently blunts tau protein hyperphosphorylation in co-cultured neurons. <i>Neuroscience Letters</i> , 2006, 404, 342-346.	2.1	68
28	S100B Inhibitor Pentamidine Attenuates Reactive Gliosis and Reduces Neuronal Loss in a Mouse Model of Alzheimer's Disease. <i>BioMed Research International</i> , 2015, 2015, 1-11.	1.9	68
29	Ultramicronized palmitoylethanolamide rescues learning and memory impairments in a triple transgenic mouse model of Alzheimer's disease by exerting anti-inflammatory and neuroprotective effects. <i>Translational Psychiatry</i> , 2018, 8, 32.	4.8	64
30	Neuroglia in the autistic brain: evidence from a preclinical model. <i>Molecular Autism</i> , 2018, 9, 66.	4.9	63
31	Sirtuin modulators control reactive gliosis in an in vitro model of Alzheimer's disease. <i>Frontiers in Pharmacology</i> , 2014, 5, 89.	3.5	56
32	Activation of $\delta$ -Receptors Induces Binge-like Drinking in Sardinian Alcohol-Preferring Rats. <i>Neuropsychopharmacology</i> , 2011, 36, 1207-1218.	5.4	53
33	Disorganization and real-world functioning in schizophrenia: Results from the multicenter study of the Italian Network for Research on Psychoses. <i>Schizophrenia Research</i> , 2018, 201, 105-112.	2.0	52
34	mTOR activation is required for the anti-alcohol effect of ketamine, but not memantine, in alcohol-preferring rats. <i>Behavioural Brain Research</i> , 2013, 247, 9-16.	2.2	51
35	Altered Waste Disposal System in Aging and Alzheimer's Disease: Focus on Astrocytic Aquaporin-4. <i>Frontiers in Pharmacology</i> , 2020, 10, 1656.	3.5	50
36	Palmitoylethanolamide Dampens Reactive Astroglia and Improves Neuronal Trophic Support in a Triple Transgenic Model of Alzheimer's Disease: In Vitro and In Vivo Evidence. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-14.	4.0	48

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37	Maternal stress, prenatal medical illnesses and obstetric complications: Risk factors for schizophrenia spectrum disorder, bipolar disorder and major depressive disorder. <i>Psychiatry Research</i> , 2019, 271, 23-30.	3.3	46
38	Neuroglial Roots of Neurodegenerative Diseases: Therapeutic Potential of Palmitoylethanolamide in Models of Alzheimer's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2013, 12, 62-69.	1.4	45
39	Cannabinoid CB1 receptor stimulation affords neuroprotection in MPTP-induced neurotoxicity by attenuating S100B up-regulation in vitro. <i>Journal of Molecular Medicine</i> , 2007, 85, 1379-1392.	3.9	41
40	Sleep Disturbance in Bipolar Disorder: Neuroglia and Circadian Rhythms. <i>Frontiers in Psychiatry</i> , 2019, 10, 501.	2.6	41
41	Role of astrocytes in major neurological disorders: The evidence and implications. <i>IUBMB Life</i> , 2013, 65, 957-961.	3.4	39
42	Parental bonding, childhood maltreatment and eating disorder psychopathology: an investigation of their interactions. <i>Eating and Weight Disorders</i> , 2020, 25, 577-589.	2.5	39
43	Selective reduction of alcohol drinking in Sardinian alcohol-preferring rats by a sigma-1 receptor antagonist. <i>Psychopharmacology</i> , 2009, 205, 327-335.	3.1	38
44	Palmitoylethanolamide Modulates Inflammation-Associated Vascular Endothelial Growth Factor (VEGF) Signaling via the Akt/mTOR Pathway in a Selective Peroxisome Proliferator-Activated Receptor Alpha (PPAR- $\alpha$ )-Dependent Manner. <i>PLoS ONE</i> , 2016, 11, e0156198.	2.5	36
45	Rifaximin Improves Clostridium difficile Toxin A-Induced Toxicity in Caco-2 Cells by the PXR-Dependent TLR4/MyD88/NF- $\kappa$ B Pathway. <i>Frontiers in Pharmacology</i> , 2016, 7, 120.	3.5	35
46	Abnormal diurnal patterns of salivary $\alpha$ -amylase and cortisol secretion in acute patients with anorexia nervosa. <i>World Journal of Biological Psychiatry</i> , 2011, 12, 455-461.	2.6	32
47	Astrocyte Function Is Affected by Aging and Not Alzheimer's Disease: A Preliminary Investigation in Hippocampi of 3xTg-AD Mice. <i>Frontiers in Pharmacology</i> , 2019, 10, 644.	3.5	32
48	Impaired glucose metabolism in bipolar patients and response to mood stabilizer treatments. <i>Journal of Affective Disorders</i> , 2019, 245, 174-179.	4.1	31
49	Cannabidiol restores intestinal barrier dysfunction and inhibits the apoptotic process induced by Clostridium difficile toxin A in Caco-2 cells. <i>United European Gastroenterology Journal</i> , 2017, 5, 1108-1115.	3.8	30
50	Deranged emotional and cortisol responses to a psychosocial stressor in anorexia nervosa women with childhood trauma exposure: Evidence for a "maltreated ecophenotype". <i>Journal of Psychiatric Research</i> , 2018, 104, 39-45.	3.1	30
51	Depressive mood and circadian rhythms disturbances as outcomes of seasonal affective disorder treatment: A systematic review. <i>Journal of Affective Disorders</i> , 2018, 241, 608-626.	4.1	30
52	Sigma-1 receptor mediates acquisition of alcohol drinking and seeking behavior in alcohol-preferring rats. <i>Behavioural Brain Research</i> , 2015, 287, 315-322.	2.2	29
53	Validation of the brief TEMPS-M temperament questionnaire in a clinical Italian sample of bipolar and cyclothymic patients. <i>Journal of Affective Disorders</i> , 2020, 260, 458-462.	4.1	29
54	S100B-p53 disengagement by pentamidine promotes apoptosis and inhibits cellular migration via aquaporin-4 and metalloproteinase-2 inhibition in C6 glioma cells. <i>Oncology Letters</i> , 2015, 9, 2864-2870.	1.8	28

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55	HIV-1 Tat-induced diarrhea evokes an enteric glia-dependent neuroinflammatory response in the central nervous system. <i>Scientific Reports</i> , 2017, 7, 7735.	3.3	26
56	Palmitoylethanolamide Exerts Antiproliferative Effect and Downregulates VEGF Signaling in Caco-2 Human Colon Carcinoma Cell Line Through a Selective PPAR- $\alpha$ -Dependent Inhibition of Akt/mTOR Pathway. <i>Phytotherapy Research</i> , 2016, 30, 963-970.	5.8	25
57	Palmitoylethanolamide Regulates Production of Pro-Angiogenic Mediators in a Model of $\beta$ Amyloid-Induced Astrogliaosis & In Vitro. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015, 14, 828-837.	1.4	25
58	Looking for a Treatment for the Early Stage of Alzheimer's Disease: Preclinical Evidence with Co-Ultramicronized Palmitoylethanolamide and Luteolin. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3802.	4.1	24
59	A Randomized Controlled Trial on the Efficacy of a Psychosocial Behavioral Intervention to Improve the Lifestyle of Patients With Severe Mental Disorders: Study Protocol. <i>Frontiers in Psychiatry</i> , 2018, 9, 235.	2.6	23
60	Which factors delay treatment in bipolar disorder? A nationwide study focussed on duration of untreated illness. <i>Microbial Biotechnology</i> , 2021, 15, 1136-1145.	1.7	23
61	A modified adjusting delay task to assess impulsive choice between isocaloric reinforcers in non-deprived male rats: effects of 5-HT <sub>2A/C</sub> and 5-HT <sub>1A</sub> receptor agonists. <i>Psychopharmacology</i> , 2012, 219, 377-386.	3.1	22
62	Efficacy of the interpersonal and social rhythm therapy (IPSRT) in patients with bipolar disorder: results from a real-world, controlled trial. <i>Annals of General Psychiatry</i> , 2020, 19, 15.	2.7	22
63	Ultramicronized Palmitoylethanolamide Inhibits NLRP3 Inflammasome Expression and Pro-Inflammatory Response Activated by SARS-CoV-2 Spike Protein in Cultured Murine Alveolar Macrophages. <i>Metabolites</i> , 2021, 11, 592.	2.9	22
64	Autologous transplantation of intestine-isolated glia cells improves neuropathology and restores cognitive deficits in $\beta$ amyloid-induced neurodegeneration. <i>Scientific Reports</i> , 2016, 6, 22605.	3.3	21
65	Olanzapine Is Faster than Haloperidol in Inducing Metabolic Abnormalities in Schizophrenic and Bipolar Patients. <i>Neuropsychobiology</i> , 2015, 72, 29-36.	1.9	20
66	HIV-1 Tat-induced diarrhea is improved by the PPAR $\alpha$ agonist, palmitoylethanolamide, by suppressing the activation of enteric glia. <i>Journal of Neuroinflammation</i> , 2018, 15, 94.	7.2	20
67	Rifaximin, a non-absorbable antibiotic, inhibits the release of pro-angiogenic mediators in colon cancer cells through a pregnane X receptor-dependent pathway. <i>International Journal of Oncology</i> , 2016, 49, 639-645.	3.3	19
68	Current and emerging long-acting antipsychotics for the treatment of schizophrenia. <i>Expert Opinion on Drug Safety</i> , 2021, 20, 771-790.	2.4	19
69	The prokineticin receptor antagonist PC1 rescues memory impairment induced by $\beta$ amyloid administration through the modulation of prokineticin system. <i>Neuropharmacology</i> , 2019, 158, 107739.	4.1	18
70	Clinical Severity and Calcium Metabolism in Patients with Bipolar Disorder. <i>Brain Sciences</i> , 2020, 10, 417.	2.3	18
71	Astrocyte: An Innovative Approach for Alzheimer's Disease Therapy. <i>Current Pharmaceutical Design</i> , 2018, 23, 4979-4989.	1.9	17
72	Astroglia, Glutamatergic Transmission and Psychiatric Diseases. <i>Advances in Neurobiology</i> , 2016, 13, 307-326.	1.8	16

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73	Alternative Targets to Fight Alzheimer's Disease: Focus on Astrocytes. <i>Biomolecules</i> , 2021, 11, 600.	4.0	16
74	The effects of psychoeducational family intervention on coping strategies of relatives of patients with bipolar I disorder: results from a controlled, real-world, multicentric study. <i>Neuropsychiatric Disease and Treatment</i> , 2018, Volume 14, 977-989.	2.2	15
75	Affective Temperaments and Illness Severity in Patients with Bipolar Disorder. <i>Medicina (Lithuania)</i> , 2021, 57, 54.	2.0	15
76	Impaired sensitivity of the hypothalamo-pituitary-thyroid axis to the suppressant effect of dexamethasone in elderly subjects. <i>Psychopharmacology</i> , 1991, 105, 481-484.	3.1	14
77	Clinical correlates of age at onset distribution in bipolar disorder: a comparison between diagnostic subgroups. <i>International Journal of Bipolar Disorders</i> , 2017, 5, 28.	2.2	14
78	Insecure Attachment and Hypothalamus-Pituitary-Adrenal Axis Functioning in People With Eating Disorders. <i>Psychosomatic Medicine</i> , 2018, 80, 710-716.	2.0	14
79	Ethanol-related behaviors in mice lacking the sigma-1 receptor. <i>Behavioural Brain Research</i> , 2016, 297, 196-203.	2.2	13
80	Prolactin response to sodium valproate in schizophrenics with and without tardive dyskinesia. <i>Psychopharmacology</i> , 1988, 96, 223-6.	3.1	12
81	Affective Temperaments and Clinical Course of Bipolar Disorder: An Exploratory Study of Differences among Patients with and without a History of Violent Suicide Attempts. <i>Medicina (Lithuania)</i> , 2019, 55, 390.	2.0	12
82	Assessment of de novo copy-number variations in Italian patients with schizophrenia: Detection of putative mutations involving regulatory enhancer elements. <i>World Journal of Biological Psychiatry</i> , 2019, 20, 126-136.	2.6	12
83	Psychoeducational Intervention for Perinatal Depression: Study Protocol of a Randomized Controlled Trial. <i>Frontiers in Psychiatry</i> , 2019, 10, 55.	2.6	11
84	Factors associated with lifetime suicide attempts in bipolar disorder: results from an Italian nationwide study. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2022, 272, 359-370.	3.2	11
85	Co-Ultramicronized Palmitoylethanolamide/Luteolin Restores Oligodendrocyte Homeostasis via Peroxisome Proliferator-Activated Receptor- $\alpha$ in an In Vitro Model of Alzheimer's Disease. <i>Biomedicines</i> , 2022, 10, 1236.	3.2	10
86	Correlates of current rapid-cycling bipolar disorder: Results from the Italian multicentric RENDiBi study. <i>European Psychiatry</i> , 2019, 62, 82-89.	0.2	9
87	Neuroinflammation in Alzheimer's Disease: Friend or Foe?. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	9
88	Clinical, genetic, and brain imaging predictors of risk for bipolar disorder in high-risk individuals. <i>Expert Review of Molecular Diagnostics</i> , 2020, 20, 327-333.	3.1	7
89	Post-COVID-19 neuropsychiatric syndrome: Is maladaptive glial recovery to blame?. <i>Acta Physiologica</i> , 2021, 233, e13717.	3.8	7
90	Systemic Inflammation and Astrocyte Reactivity in the Neuropsychiatric Sequelae of COVID-19: Focus on Autism Spectrum Disorders. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 748136.	3.7	7

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91	Antisocial Personality Disorder in Bipolar Disorder: A Systematic Review. <i>Medicina (Lithuania)</i> , 2021, 57, 183.	2.0	6
92	Endocannabinoid System as Therapeutic Target of PTSD: A Systematic Review. <i>Life</i> , 2021, 11, 214.	2.4	6
93	Dissociative Symptoms in Bipolar Disorder: Impact on Clinical Course and Treatment Response. <i>Frontiers in Psychiatry</i> , 2021, 12, 732843.	2.6	6
94	Substance use disorders in bipolar disorders: Clinical correlates and treatment response to mood stabilizers. <i>Journal of Affective Disorders</i> , 2022, 300, 326-333.	4.1	6
95	Sex Differences in Bipolar Disorders: Impact on Psychopathological Features and Treatment Response. <i>Frontiers in Psychiatry</i> , 0, 13, .	2.6	6
96	The Italian ICD-11 field trial: clinical utility of diagnostic guidelines for schizophrenia and related disorders. <i>International Journal of Mental Health Systems</i> , 2020, 14, 4.	2.7	5
97	Naturalistic and Uncontrolled Pilot Study on the Efficacy of Vortioxetine in Binge Eating Disorder With Comorbid Depression. <i>Frontiers in Psychiatry</i> , 2021, 12, 635502.	2.6	5
98	The ICD-11 clinician-based field studies are about to be concluded. <i>World Psychiatry</i> , 2017, 16, 331-332.	10.4	4
99	Editorial: Sleep and Mood Disorders. <i>Frontiers in Psychiatry</i> , 2019, 10, 981.	2.6	4
100	Oral Adelmidrol Administration Up-Regulates Palmitoylethanolamide Production in Mice Colon and Duodenum through a PPAR- $\beta$ Independent Action. <i>Metabolites</i> , 2022, 12, 457.	2.9	4
101	Effects of Ultramicrozoned Palmitoylethanolamide on Mitochondrial Bioenergetics, Cerebral Metabolism, and Glutamatergic Transmission: An Integrated Approach in a Triple Transgenic Mouse Model of Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, .	3.4	4
102	Editorial: Dysmetabolism, Obesity, and Inflammation: Three Prominent Actors in the Drama of Major Neuropsychiatric Disorders. <i>Frontiers in Neuroscience</i> , 2016, 10, 368.	2.8	0
103	Clinical correlates of age at onset distribution in bipolar disorder: a comparison between diagnostic subgroups. <i>European Neuropsychopharmacology</i> , 2016, 26, S431.	0.7	0
104	Thrombocytosis in bipolar disorder: A case report. <i>Bipolar Disorders</i> , 2019, 21, 800-802.	1.9	0
105	Astrocyte-neuron interplay in Alzheimer's disease: evidence from an innovative and promising pharmacological manipulation in a triple transgenic model of the disease. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO1-1-65.	0.0	0