# Cristiano Chiamulera

List of Publications by Year
in descending order

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|---|---|---|---|
| 113<br>papers | 3,976<br>citations | 172207<br>29<br>h-index | 128067<br>60<br>g-index |
| 117<br>all docs | 117<br>docs citations | 117<br>times ranked | 4259<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Brief Environmental Enrichment exposure enhances contextual-induced sucrose-seeking with and without memory reactivation in rats. Behavioural Brain Research, 2022, 416, 113556. | 1.2 | 4 |
| 2 | The interaction between Environmental Enrichment and fluoxetine in inhibiting sucrose-seeking renewal in mice depend on socialÂliving condition. Psychopharmacology, 2022, 239, 2351-2361. | 1.5 | 1 |
| 3 | Glutamate receptors and metaplasticity in addiction. Current Opinion in Pharmacology, 2021, 56, 39-45. | 1.7 | 24 |
| 4 | Smoking-related cue reactivity in a virtual reality setting: association between craving and EEG measures. Psychopharmacology, 2021, 238, 1363-1371. | 1.5 | 9 |
| 5 | Continuous Infusion of Flumazenil in the Management of Benzodiazepines Detoxification. Frontiers in Psychiatry, 2021, 12, 646038. | 1.3 | 10 |
| 6 | Metaplastic Effects of Ketamine and MK-801 on Glutamate Receptors Expression in Rat Medial Prefrontal Cortex and Hippocampus. Molecular Neurobiology, 2021, 58, 3443-3456. | 1.9 | 15 |
| 7 | Smokers â€œContext Reactivityâ€•in Virtual Domestic Environments. European Addiction Research, 2021, 27, 439-446. | 1.3 | 2 |
| 8 | Remote clinical trials: A timely opportunity for a virtual reality approach and its potential application in neurology. British Journal of Clinical Pharmacology, 2021, 87, 3639-3642. | 1.1 | 11 |
| 9 | A virtual reality study on postretrieval extinction of smoking memory reconsolidation in smokers. Journal of Substance Abuse Treatment, 2021, 125, 108317. | 1.5 | 9 |
| 10 | Where Dopaminergic and Cholinergic Systems Interact: A Gateway for Tuning Neurodegenerative Disorders. Frontiers in Behavioral Neuroscience, 2021, 15, 661973. | 1.0 | 13 |
| 11 | Environmental Enrichment Induces Meningeal Niche Remodeling through TrkB-Mediated Signaling. International Journal of Molecular Sciences, 2021, 22, 10657. | 1.8 | 5 |
| 12 | The metaplastic effects of ketamine on sucrose renewal and contextual memory reconsolidation in rats. Behavioural Brain Research, 2020, 379, 112347. | 1.2 | 14 |
| 13 | A descriptive study of exercise dependence: a short report among Italian and Japanese runners. Journal of Addictive Diseases, 2020, 39, 133-137. | 0.8 | 3 |
| 14 | The Effects of Nicotine on Cortical Excitability After Exercise. Journal of Clinical Psychopharmacology, 2020, 40, 495-498. | 0.7 | 4 |
| 15 | Smoker and smokeless tobacco user athletes: dual users?. QJM - Monthly Journal of the Association of Physicians, 2020, , . | 0.2 | 0 |
| 16 | Hippocampal gamma oscillations by sucrose instrumental memory retrieval in rats across sleep/wake cycle. Neuroscience Letters, 2020, 736, 135255. | 1.0 | 2 |
| 17 | Telemedicine and Virtual Reality for Cognitive Rehabilitation: A Roadmap for the COVID-19 Pandemic. Frontiers in Neurology, 2020, 11, 926. | 1.1 | 102 |
| 18 | Cytokine-, Neurotrophin-, and Motor Rehabilitation-Induced Plasticity in Parkinsonâ€™s Disease. Neural Plasticity, 2020, 2020, 1-15. | 1.0 | 5 |

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|---|---|---|---|
| 19 | Effects of nicotine on microvascular responsiveness after nicotine satiety versus overnight nicotine abstinence. Vascular Medicine, 2020, 25, 223-225. | 0.8 | 0 |
| 20 | Protocols for instrumental memory reconsolidation in rodents: A methodological review. Journal of Neuroscience Methods, 2020, 342, 108766. | 1.3 | 9 |
| 21 | The importance of nicotine use among winter sports athletes especially in skiers. Journal of Science and Medicine in Sport, 2019, 22, 1072. | 0.6 | 5 |
| 22 | Revealing Dissociable Attention Biases in Chronic Smokers Through an Individual-Differences Approach. Scientific Reports, 2019, 9, 4930. | 1.6 | 7 |
| 23 | Reconsolidation of sucrose instrumental memory in rats: The role of retrieval context. Brain Research, 2019, 1714, 193-201. | 1.1 | 8 |
| 24 | Ketamine increases the expression of GluR1 and GluR2 Î±-amino-3-hydroxy-5-methy-4-isoxazole propionate receptor subunits in human dopaminergic neurons differentiated from induced pluripotent stem cells. NeuroReport, 2019, 30, 207-212. | 0.6 | 15 |
| 25 | Exercise performance increase in smokeless tobaccoâ€user athletes after overnight nicotine abstinence. Scandinavian Journal of Medicine and Science in Sports, 2019, 29, 430-439. | 1.3 | 11 |
| 26 | Psychedelics and reconsolidation of traumatic and appetitive maladaptive memories: focus on cannabinoids and ketamine. Psychopharmacology, 2018, 235, 433-445. | 1.5 | 21 |
| 27 | Ketamine nano-delivery based on poly-lactic-co-glycolic acid (PLGA) nanoparticles. Applied Nanoscience (Switzerland), 2018, 8, 655-663. | 1.6 | 5 |
| 28 | 12. Relapse to Methamphetamine Seeking After Choice-Based Voluntary Abstinence (Contingency) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 S5. | 0.7 | 0 |
| 29 | The metaplastic effects of NMDA receptors blockade on reactivation of instrumental memories in rats. Neurobiology of Learning and Memory, 2018, 154, 87-96. | 1.0 | 11 |
| 30 | Ketamine effects on mammalian target of rapamycin signaling in the mouse limbic system depend on functional dopamine D3 receptors. NeuroReport, 2018, 29, 615-620. | 0.6 | 5 |
| 31 | The effects of oral smokeless tobacco administration on endurance performance. Journal of Sport and Health Science, 2018, 7, 465-472. | 3.3 | 14 |
| 32 | Ketamine Self-Administration Elevates Î±CaMKII Autophosphorylation in Mood and Reward-Related Brain Regions in Rats. Molecular Neurobiology, 2018, 55, 5453-5461. | 1.9 | 26 |
| 33 | Ketamine enhances structural plasticity in mouse mesencephalic and human iPSC-derived dopaminergic neurons via AMPAR-driven BDNF and mTOR signaling. Molecular Psychiatry, 2018, 23, 812-823. | 4.1 | 106 |
| 34 | (2R,6R)-Hydroxynorketamine promotes dendrite outgrowth in human inducible pluripotent stem cell-derived neurons through AMPA receptor with timing and exposure compatible with ketamine infusion pharmacokinetics in humans. NeuroReport, 2018, 29, 1425-1430. | 0.6 | 29 |
| 35 | What role does dopamine really play in tobacco addiction?. Addiction, 2018, 113, 1379-1380. | 1.7 | 1 |
| 36 | A Preliminary Investigation on Smokeless Tobacco Use and Its Cognitive Effects Among Athletes. Frontiers in Pharmacology, 2018, 9, 216. | 1.6 | 12 |

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|---|---|---|---|
| 37 | Metabotropic glutamate receptor 5 as a potential target for smoking cessation. Psychopharmacology, 2017, 234, 1357-1370. | 1.5 | 13 |
| 38 | The Anterior Insular Cortexâ†'Central Amygdala Glutamatergic Pathway Is Critical to Relapse after Contingency Management. Neuron, 2017, 96, 414-427.e8. | 3.8 | 136 |
| 39 | Drug discovery for the treatment of substance use disorders: novel targets, repurposing, and the need for new paradigms. Current Opinion in Pharmacology, 2017, 35, 120-124. | 1.7 | 12 |
| 40 | Methoxetamine affects brain processing involved in emotional response in rats. British Journal of Pharmacology, 2017, 174, 3333-3345. | 2.7 | 21 |
| 41 | Ketamine Self-Administration Reduces the Homeostasis of the Glutamate Synapse in the Rat Brain. Molecular Neurobiology, 2017, 54, 7186-7193. | 1.9 | 24 |
| 42 | Sphingosine 1-Phosphate Receptor Modulator Fingolimod (FTY720) Attenuates Myocardial Fibrosis in Post-heterotopic Heart Transplantation. Frontiers in Pharmacology, 2017, 8, 645. | 1.6 | 33 |
| 43 | Virtual Reality for Neuroarchitecture: Cue Reactivity in Built Spaces. Frontiers in Psychology, 2017, 8, 185. | 1.1 | 17 |
| 44 | The ketamine analogue methoxetamine generalizes to ketamine discriminative stimulus in rats. Behavioural Pharmacology, 2016, 27, 204-210. | 0.8 | 19 |
| 45 | Methoxetamine, a novel psychoactive substance with serious adverse pharmacological effects: a review of case reports and preclinical findings. Behavioural Pharmacology, 2016, 27, 489-496. | 0.8 | 26 |
| 46 | P.1.007 Ketamine-induced plasticity in mouse-primary and human-iPSC-derived dopaminergic neurons involves D3R and mTOR pathway. European Neuropsychopharmacology, 2016, 26, S8-S9. | 0.3 | 0 |
| 47 | The ketamine-like compound methoxetamine substitutes for ketamine in the self-administration paradigm and enhances mesolimbic dopaminergic transmission. Psychopharmacology, 2016, 233, 2241-2251. | 1.5 | 22 |
| 48 | Evidence for caspase-dependent programmed cell death along with repair processes in affected skeletal muscle fibres in patients with mitochondrial disorders. Clinical Science, 2016, 130, 167-181. | 1.8 | 3 |
| 49 | The modulation of BDNF expression and signalling dissects the antidepressant from the reinforcing properties of ketamine: Effects of single infusion vs. chronic self-administration in rats. Pharmacological Research, 2016, 104, 22-30. | 3.1 | 29 |
| 50 | The motor way: Clinical implications of understanding and shaping actions with the motor system in autism and drug addiction. Cognitive, Affective and Behavioral Neuroscience, 2016, 16, 191-206. | 1.0 | 17 |
| 51 | Le nuove frontiere dell'intervento integrato farmacologico e psicosociale per il trattamento dei disturbi da uso di sostanze. Rivista Sperimentale Di Freniatria, 2016, , 103-125. | 0.1 | 0 |
| 52 | S.24.01 mTOR controls structural plasticity of dopaminergic neurons: implication in the actions of ketamine. European Neuropsychopharmacology, 2015, 25, S145-S146. | 0.3 | 0 |
| 53 | Pharmacological and non-pharmacological factors that regulate the acquisition of ketamine self-administration in rats. Psychopharmacology, 2015, 232, 4505-4514. | 1.5 | 27 |
| 54 | Acute effect of <scp>S</scp>nus on physical performance and perceived cognitive load on amateur footballers. Scandinavian Journal of Medicine and Science in Sports, 2015, 25, e423-31. | 1.3 | 14 |

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| 55 | Drinking reduction and reversibility of neuroadaptation in alcoholism. Journal of Psychopharmacology, 2014, 28, 810-812. | 2.0 | 2 |
| 56 | Extinction, applied after retrieval of auditory fear memory, selectively increases zinc-finger protein 268 and phosphorylated ribosomal protein S6 expression in prefrontal cortex and lateral amygdala. Neurobiology of Learning and Memory, 2014, 115, 78-85. | 1.0 | 45 |
| 57 | Reconsolidation of Maladaptive Memories as a Therapeutic Target: Pre-Clinical Data and Clinical Approaches. Frontiers in Psychiatry, 2014, 5, 107. | 1.3 | 9 |
| 58 | Knowledge about Health Effects of Cigarette Smoking and Quitting among Italian University Students: The Importance of Teaching Nicotine Dependence and Treatment in the Medical Curriculum. BioMed Research International, 2014, 2014, 1-9. | 0.9 | 10 |
| 59 | Nicotine-seeking reinstatement is reduced by inhibition of instrumental memory reconsolidation. Behavioural Pharmacology, 2014, 25, 725-731. | 0.8 | 24 |
| 60 | The Effect of Postretrieval Extinction of Nicotine Pavlovian Memories in Rats Trained to Self-Administer Nicotine. Nicotine and Tobacco Research, 2014, 16, 1599-1605. | 1.4 | 10 |
| 61 | Post-retrieval extinction as reconsolidation interference: methodological issues or boundary conditions?. Psychopharmacology, 2013, 226, 631-647. | 1.5 | 121 |
| 62 | Opportunities, threats and limitations of neuroscience data in forensic psychiatric evaluation. Current Opinion in Psychiatry, 2013, 26, 468-473. | 3.1 | 7 |
| 63 | E.17 - WEEKLY KETAMINE SELF-ADMINISTRATION IN RATS AS A MODEL OF INTERMITTENT KETAMINE USE. Behavioural Pharmacology, 2013, 24, e46. | 0.8 | 0 |
| 64 | Acute ketamine-induced neuroplasticity. NeuroReport, 2013, 24, 388-393. | 0.6 | 23 |
| 65 | Which Future for Neuroscience in Forensic Psychiatry: Theoretical Hurdles and Empirical Chances. Frontiers in Psychiatry, 2013, 4, 74. | 1.3 | 5 |
| 66 | Cigarette Smoking Knowledge and Perceptions Among Students in Four Italian Medical Schools. Nicotine and Tobacco Research, 2012, 14, 1065-1072. | 1.4 | 32 |
| 67 | Tobacco Addiction and Smoking Status in Heroin Addicts under Methadone vs. Buprenorphine Therapy. International Journal of Environmental Research and Public Health, 2012, 9, 932-942. | 1.2 | 56 |
| 68 | Increased Protein Nitration in Mitochondrial Diseases: Evidence for Vessel Wall Involvement. Molecular and Cellular Proteomics, 2011, 10, M110.002964. | 2.5 | 39 |
| 69 | GABAergic neurons expressing p75 in rat substantia innominata and nucleus basalis. Molecular and Cellular Neurosciences, 2011, 46, 625-632. | 1.0 | 6 |
| 70 | Acetylcholinesterase inhibitors partially generalize to nicotine discriminative stimulus effect in rats. Behavioural Pharmacology, 2011, 22, 1-6. | 0.8 | 13 |
| 71 | Research is needed on the use of cognitive enhancer drugs in sport. Journal of Science and Medicine in Sport, 2011, 14, 2-3. | 0.6 | 3 |
| 72 | A New Chapter in the History of SRNT: The Formation of the European Chapter of SRNT (SRNT-E)--A Letter from the Presidents of SRNT and SRNT Europe. Nicotine and Tobacco Research, 2010, 12, 1181-1182. | 1.4 | 0 |

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| 73 | Nicotinic Acetylcholine Receptors in the Mesolimbic Pathway: Primary Role of Ventral Tegmental Area Î±6Î²2* Receptors in Mediating Systemic Nicotine Effects on Dopamine Release, Locomotion, and Reinforcement. Journal of Neuroscience, 2010, 30, 5311-5325. | 1.7 | 208 |
| 74 | Nicotine increases the expression of neurotrophin receptor tyrosine kinase receptor A in basal forebrain cholinergic neurons. Neuroscience, 2010, 166, 580-589. | 1.1 | 23 |
| 75 | Propranolol transiently inhibits reinstatement of nicotine-seeking behaviour in rats. Journal of Psychopharmacology, 2010, 24, 389-395. | 2.0 | 23 |
| 76 | Novel stem/progenitor cells with neuronal differentiation potential reside in the leptomeningeal niche. Journal of Cellular and Molecular Medicine, 2009, 13, 3195-3208. | 1.6 | 54 |
| 77 | G.P.3.11 Increased protein nitration in mitochondrial diseases: Evidence for vessel wall involvement. Neuromuscular Disorders, 2009, 19, 564-565. | 0.3 | 0 |
| 78 | Removing Obstacles in Neuroscience Drug Discovery: The Future Path for Animal Models. Neuropsychopharmacology, 2009, 34, 74-89. | 2.8 | 301 |
| 79 | Choline up-regulates BDNF and down-regulates TrkB neurotrophin receptor in rat cortical cell culture. NeuroReport, 2009, 20, 828-832. | 0.6 | 13 |
| 80 | Expression of smallâ€conductance calciumâ€activated potassium channels (SK3) in skeletal muscle: regulation by muscle activity. Journal of Physiology, 2008, 586, 4763-4774. | 1.3 | 13 |
| 81 | Increases in cholinergic neurotransmission measured by using choline-sensitive microelectrodes: Enhanced detection by hydrolysis of acetylcholine on recording sites?. Neurochemistry International, 2008, 52, 1343-1350. | 1.9 | 43 |
| 82 | Nicotine-induced phosphorylation of phosphorylated cyclic AMP response element-binding protein (pCREB) in hippocampal neurons is potentiated by agrin. Neuroscience Letters, 2008, 442, 234-238. | 1.0 | 9 |
| 83 | p75 neurotrophin receptor distribution and transport in cultured neurons. Neuroscience Research, 2008, 62, 32-42. | 1.0 | 7 |
| 84 | Nicotinic Receptors and the Treatment of Attentional and Cognitive Deficits in Neuropsychiatric Disorders: Focus on the α7 Nicotinic Acetylcholine Receptor as a Promising Drug Target for Schizophrenia. Central Nervous System Agents in Medicinal Chemistry, 2007, 7, 269-288. | 0.5 | 9 |
| 85 | Musculoskeletal Adverse Drug Reactions: A Review of Literature and Data from ADR Spontaneous Reporting Databases. Current Drug Safety, 2007, 2, 47-63. | 0.3 | 23 |
| 86 | Smokeless tobacco use in sports: â€˜legal dopingâ€™?. Addiction, 2007, 102, 1847-1848. | 1.7 | 4 |
| 87 | SK3 Trafficking in Hippocampal Cells: The Role of Different Molecular Domains. Bioscience Reports, 2006, 26, 399-412. | 1.1 | 9 |
| 88 | A8 CONTEXT-DEPENDENT ACTION OF NICOTINE ON LEARNING: OPPOSITE EFFECTS IN THE OBJECT RECOGNITION TASK IN MICE. Behavioural Pharmacology, 2005, 16, S25-S26. | 0.8 | 0 |
| 89 | The expression of p75 neurotrophin receptor protects against the neurotoxicity of soluble oligomers of Î²-amyloid. Experimental Cell Research, 2005, 311, 126-134. | 1.2 | 33 |
| 90 | Sub-chronic nicotine-induced changes in regional cerebral blood volume and transversal relaxation time patterns in the rat: a magnetic resonance study. Neuroscience Letters, 2005, 377, 195-199. | 1.0 | 12 |

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| 91 | Cue reactivity in nicotine and tobacco dependence: a â€œmultiple-actionâ€•model of nicotine as a primary reinforcement and as an enhancer of the effects of smoking-associated stimuli. Brain Research Reviews, 2005, 48, 74-97. | 9.1 | 120 |
| 92 | Synthesis and pharmacological characterisation of 2,4-Dicarboxy-pyrroles as selective non-Competitive mGluR1 antagonists. Bioorganic and Medicinal Chemistry, 2003, 11, 171-183. | 1.4 | 48 |
| 93 | Contribution of mGluR1 and mGluR5 to addiction to psycho stimulants. European Neuropsychopharmacology, 2002, 12, 156. | 0.3 | 0 |
| 94 | Chronic nicotine treatment changes the axonal distribution of 68â€ƒkDa neurofilaments in the rat ventral tegmental area. European Journal of Neuroscience, 2002, 16, 877-882. | 1.2 | 13 |
| 95 | Upregulation of [3H]methyllycaconitine binding sites following continuous infusion of nicotine, without changes of Î±7 or Î±6 subunit mRNA: an autoradiography andin situhybridization study in rat brain. European Journal of Neuroscience, 2002, 16, 1633-1646. | 1.2 | 81 |
| 96 | Nicotine self-administration and withdrawal: modulation of anxiety in the social interaction test in rats. Psychopharmacology, 2001, 153, 315-320. | 1.5 | 67 |
| 97 | Reinforcing and locomotor stimulant effects of cocaine are absent in mGluR5 null mutant mice. Nature Neuroscience, 2001, 4, 873-874. | 7.1 | 517 |
| 98 | Chronic nicotine treatment decreases neurofilament immunoreactivity in the rat ventral tegmental area. European Journal of Pharmacology, 2000, 393, 249-253. | 1.7 | 15 |
| 99 | Molecular mechanisms of the positive reinforcing effect of nicotine. Behavioural Pharmacology, 1999, 10, 587-596. | 0.8 | 19 |
| 100 | Neural substrate of nicotine addiction as defined by functional brain maps of gene expression. Journal of Physiology (Paris), 1998, 92, 225-228. | 2.1 | 8 |
| 101 | Common Neural Substrates for the Addictive Properties of Nicotine and Cocaine. Science, 1997, 275, 83-86. | 6.0 | 376 |
| 102 | Correspondence. Neuroscience, 1997, 79, 1-5. | 1.1 | 36 |
| 103 | Effects of the metabotropic glutamate receptor antagonist MCPG on spatial and context-specific learning. Neuropharmacology, 1996, 35, 1557-1565. | 2.0 | 50 |
| 104 | Nicotine reinstatement of nicotine self-administration after long-term extinction. Psychopharmacology, 1996, 127, 102-107. | 1.5 | 116 |
| 105 | The Reinforcing Properties of Nicotine are Associated with a Specific Patterning ofc-fosExpression in the Rat Brain. European Journal of Neuroscience, 1996, 8, 2247-2256. | 1.2 | 74 |
| 106 | Nicotine reinforcement in rats with histories of cocaine self-administration. Psychopharmacology, 1995, 121, 282-283. | 1.5 | 46 |
| 107 | Resumption of ethanol seeking behaviour in rats. Behavioural Pharmacology, 1995, 6, 32???39. | 0.8 | 31 |
| 108 | Qualitative and quantitative analysis of the progressive cerebral damage after middle cerebral artery occlusion in mice. Brain Research, 1993, 606, 251-258. | 1.1 | 38 |

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|---|---|---|---|
| 109 | New anxiolitics in development. Pharmacological Research, 1992, 26, 192. | 3.1 | 0 |
| 110 | Activation of metabotropic receptors has a neuroprotective effect in a rodent model of focal ischaemia. European Journal of Pharmacology, 1992, 216, 335-336. | 1.7 | 85 |
| 111 | Domoic Acid Toxicity in Rats and Mice after Intracerebroventricular Administration: Comparison with Excitatory Amino Acid Agonists. Basic and Clinical Pharmacology and Toxicology, 1992, 70, 115-120. | 0.0 | 25 |
| 112 | Effect of NMDA- and strychnine-insensitive glycine site antagonists on NMDA-mediated convulsions and learning. Psychopharmacology, 1990, 102, 551-552. | 1.5 | 90 |
| 113 | An in vivo study suggesting the existence of different subtypes of quisqualate receptors. European Journal of Pharmacology, 1990, 183, 956. | 1.7 | 0 |