# Tiziana Pascucci

List of Publications by Year
in descending order



| 64 | 3,337 | 147801 | 144013 |
|---|---|---|---|
| papers | citations | 31 h-index | 57 g-index |

| 64 | 64 | 64 | 4118 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Reelin gene alleles and haplotypes as a factor predisposing to autistic disorder. Molecular Psychiatry, 2001, 6, 150-159. | 7.9 | 314 |
| 2 | Barrel Pattern Formation Requires Serotonin Uptake by Thalamocortical Afferents, and Not Vesicular Monoamine Release. Journal of Neuroscience, 2001, 21, 6862-6873. | 3.6 | 210 |
| 3 | Altered calcium homeostasis in autism-spectrum disorders: evidence from biochemical and genetic studies of the mitochondrial aspartate/glutamate carrier AGC1. Molecular Psychiatry, 2010, 15, 38-52. | 7.9 | 184 |
| 4 | TLQP-21, a VGF-derived peptide, increases energy expenditure and prevents the early phase of diet-induced obesity. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 14584-14589. | 7.1 | 150 |
| 5 | Clinical, Morphological, and Biochemical Correlates of Head Circumference in Autism. Biological Psychiatry, 2007, 62, 1038-1047. | 1.3 | 131 |
| 6 | Identifying Molecular Substrates in a Mouse Model of the Serotonin Transporter Ã— Environment Risk Factor for Anxiety and Depression. Biological Psychiatry, 2008, 63, 840-846. | 1.3 | 130 |
| 7 | Mechanisms underlying the impairment of hippocampal long-term potentiation and memory in experimental Parkinsonâ€™s disease. Brain, 2012, 135, 1884-1899. | 7.6 | 124 |
| 8 | Activation of TRPV1 in the VTA Excites Dopaminergic Neurons and Increases Chemical- and Noxious-Induced Dopamine Release in the Nucleus Accumbens. Neuropsychopharmacology, 2005, 30, 864-870. | 5.4 | 120 |
| 9 | The Medial Prefrontal Cortex Determines the Accumbens Dopamine Response to Stress through the Opposing Influences of Norepinephrine and Dopamine. Cerebral Cortex, 2007, 17, 2796-2804. | 2.9 | 117 |
| 10 | Paraoxonase gene variants are associated with autism in North America, but not in Italy: possible regional specificity in geneâ€“environment interactions. Molecular Psychiatry, 2005, 10, 1006-1016. | 7.9 | 115 |
| 11 | Striatal dopamine sensitization to d-amphetamine in periadolescent but not in adult rats. Pharmacology Biochemistry and Behavior, 2001, 68, 115-124. | 2.9 | 110 |
| 12 | Dramatic brain aminergic deficit in a genetic mouse model of phenylketonuria. NeuroReport, 2000, 11, 1361-1364. | 1.2 | 100 |
| 13 | Increased vulnerability to psychosocial stress in heterozygous serotonin transporter knockout mice. DMM Disease Models and Mechanisms, 2010, 3, 459-470. | 2.4 | 95 |
| 14 | Association between the HOXA1 A218G polymorphism and increased head circumference in patients with autism. Biological Psychiatry, 2004, 55, 413-419. | 1.3 | 94 |
| 15 | Principal pathogenetic components and biological endophenotypes in autism spectrum disorders. Autism Research, 2010, 3, 237-252. | 3.8 | 85 |
| 16 | Involvement of the PRKCB1 gene in autistic disorder: significant genetic association and reduced neocortical gene expression. Molecular Psychiatry, 2009, 14, 705-718. | 7.9 | 75 |
| 17 | Unstable Maternal Environment, Separation Anxiety, and Heightened CO2 Sensitivity Induced by Gene-by-Environment Interplay. PLoS ONE, 2011, 6, e18637. | 2.5 | 71 |
| 18 | Spatial deficits in a mouse model of Parkinson disease. Psychopharmacology, 2007, 194, 517-525. | 3.1 | 68 |

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|---|---|---|---|
| 19 | Deficits in brain serotonin synthesis in a genetic mouse model of phenylketonuria. NeuroReport, 2002, 13, 2561-2564. | 1.2 | 56 |
| 20 | P-cresol Alters Brain Dopamine Metabolism and Exacerbates Autism-Like Behaviors in the BTBR Mouse. Brain Sciences, 2020, 10, 233. | 2.3 | 55 |
| 21 | Adenosine deaminase alleles and autistic disorder: Case-control and family-based association studies. American Journal of Medical Genetics Part A, 2000, 96, 784-790. | 2.4 | 54 |
| 22 | Case-control and family-based association studies of candidate genes in autistic disorder and its endophenotypes: TPH2 and GLO1. BMC Medical Genetics, 2007, 8, 11. | 2.1 | 51 |
| 23 | Serotonin transporter gene promoter variants do not explain the hyperserotoninemia in autistic children. Molecular Psychiatry, 2002, 7, 795-800. | 7.9 | 48 |
| 24 | The behavioral profile of severe mental retardation in a genetic mouse model of phenylketonuria. Behavior Genetics, 2003, 33, 301-310. | 2.1 | 45 |
| 25 | Family-based association study of ITGB3 in autism spectrum disorder and its endophenotypes. European Journal of Human Genetics, 2011, 19, 353-359. | 2.8 | 45 |
| 26 | Erythrocyte-mediated delivery of phenylalanine ammonia lyase for the treatment of phenylketonuria in BTBR-Pahenu2 mice. Journal of Controlled Release, 2014, 194, 37-44. | 9.9 | 45 |
| 27 | Intermittent thetaâ€burst stimulation rescues dopamineâ€dependent corticostriatal synaptic plasticity and motor behavior in experimental parkinsonism: Possible role of glial activity. Movement Disorders, 2017, 32, 1035-1046. | 3.9 | 38 |
| 28 | Pain reactivity in children with autistic disorder. Journal of Headache and Pain, 2000, 1, 53-56. | 6.0 | 37 |
| 29 | Autism-associated R451C mutation in neuroligin3 leads to activation of the unfolded protein response in a PC12 Tet-On inducible system. Biochemical Journal, 2016, 473, 423-434. | 3.7 | 37 |
| 30 | Therapeutic brain modulation with targeted large neutral amino acid supplements in the Pah-enu2 phenylketonuria mouse model. American Journal of Clinical Nutrition, 2016, 104, 1292-1300. | 4.7 | 35 |
| 31 | Reduced availability of brain amines during critical phases of postnatal development in a genetic mouse model of cognitive delay. Brain Research, 2008, 1217, 232-238. | 2.2 | 34 |
| 32 | 5-Hydroxytryptophan during critical postnatal period improves cognitive performances and promotes dendritic spine maturation in genetic mouse model of phenylketonuria. International Journal of Neuropsychopharmacology, 2011, 14, 479-489. | 2.1 | 33 |
| 33 | Chronic intracerebroventricular injection of TLQP-21 prevents high fat diet induced weight gain in fast weight-gaining mice. Genes and Nutrition, 2009, 4, 49-57. | 2.5 | 30 |
| 34 | Enhanced APOE2 transmission rates in families with autistic probands. Psychiatric Genetics, 2004, 14, 73-82. | 1.1 | 29 |
| 35 | 5-Hydroxytryptophan rescues serotonin response to stress in prefrontal cortex of hyperphenylalaninaemic mice. International Journal of Neuropsychopharmacology, 2009, 12, 1067. | 2.1 | 29 |
| 36 | Unstable Maternal Environment Affects Stress Response in Adult Mice in a Genotype-Dependent Manner. Cerebral Cortex, 2016, 26, 4370-4380. | 2.9 | 24 |

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|---|---|---|---|
| 37 | In vivo catecholaminergic metabolism in the medial prefrontal cortex of ENU2 mice: an investigation of the cortical dopamine deficit in phenylketonuria. Journal of Inherited Metabolic Disease, 2012, 35, 1001-1009. | 3.6 | 22 |
| 38 | Implication of the VGF-derived peptide TLQP-21 in mouse acute and chronic stress responses. Behavioural Brain Research, 2012, 229, 333-339. | 2.2 | 22 |
| 39 | Stress-induced activation of ventral tegmental mu-opioid receptors reduces accumbens dopamine tone by enhancing dopamine transmission in the medial pre-frontal cortex. Psychopharmacology, 2014, 231, 4099-4108. | 3.1 | 19 |
| 40 | The Impact of COVID-19 Pandemic on Italian University Studentsâ€™ Mental Health: Changes across the Waves. International Journal of Environmental Research and Public Health, 2021, 18, 9897. | 2.6 | 19 |
| 41 | A new therapy prevents intellectual disability in mouse with phenylketonuria. Molecular Genetics and Metabolism, 2018, 124, 39-49. | 1.1 | 18 |
| 42 | MicroRNA-34a Regulates the Depression-like Behavior in Mice by Modulating the Expression of Target Genes in the Dorsal RaphÃ¨. Molecular Neurobiology, 2020, 57, 823-836. | 4.0 | 18 |
| 43 | Behavioral and Neurochemical Characterization of New Mouse Model of Hyperphenylalaninemia. PLoS ONE, 2013, 8, e84697. | 2.5 | 17 |
| 44 | Early-onset behavioral and neurochemical deficits in the genetic mouse model of phenylketonuria. PLoS ONE, 2017, 12, e0183430. | 2.5 | 15 |
| 45 | Forced but not free-choice nicotine during lactation alters maternal behavior and noradrenergic system of pups: Impact on social behavior of adolescent isolated male rats. Neuroscience, 2017, 361, 6-18. | 2.3 | 14 |
| 46 | Sensitivity to cocaine in adult mice is due to interplay between genetic makeup, early environment and later experience. Neuropharmacology, 2017, 125, 87-98. | 4.1 | 14 |
| 47 | Sex-dependent effects of early unstable post-natal environment on response to positive and negative stimuli in adult mice. Neuroscience, 2019, 413, 1-10. | 2.3 | 14 |
| 48 | Effectiveness of NoiBene: A Webâ€based programme to promote psychological wellâ€being and prevent psychological distress in university students. Applied Psychology: Health and Well-Being, 2021, 13, 317-340. | 3.0 | 14 |
| 49 | Effect of the interaction between the serotonin transporter gene and maternal environment on developing mouse brain. Behavioural Brain Research, 2011, 217, 188-194. | 2.2 | 13 |
| 50 | (â^')-Norpseudoephedrine, a metabolite of cathinone with amphetamine-like stimulus properties, enhances the analgesic and rate decreasing effects of morphine, but inhibits its discriminative properties. Behavioural Brain Research, 1998, 92, 11-20. | 2.2 | 12 |
| 51 | Altered vulnerability to kainate excitotoxicity of transgenic-Cu/Zn SOD1 neurones. NeuroReport, 2004, 15, 2477-2480. | 1.2 | 12 |
| 52 | MicroRNA-34a regulates 5-HT2C expression in dorsal raphe and contributes to the anti-depressant-like effect of fluoxetine. Neuropharmacology, 2021, 190, 108559. | 4.1 | 12 |
| 53 | Unbalance between Excitation and Inhibition in Phenylketonuria, a Genetic Metabolic Disease Associated with Autism. International Journal of Molecular Sciences, 2017, 18, 941. | 4.1 | 10 |
| 54 | Targeting mGlu5 Metabotropic Glutamate Receptors in the Treatment of Cognitive Dysfunction in a Mouse Model of Phenylketonuria. Frontiers in Neuroscience, 2018, 12, 154. | 2.8 | 10 |

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|---|---|---|---|
| 55 | No association between the 4G/5G polymorphism of the plasminogen activator inhibitor-1 gene promoter and autistic disorder. Psychiatric Genetics, 2001, 11, 99-103. | 1.1 | 9 |
| 56 | l-DOPA reverses the impairment of Dentate Gyrus LTD in experimental parkinsonism via Î²-adrenergic receptors. Experimental Neurology, 2014, 261, 377-385. | 4.1 | 9 |
| 57 | ACAMPROSATE DOES NOT ANTAGONISE THE DISCRIMINATIVE STIMULUS PROPERTIES OF AMPHETAMINE AND MORPHINE IN RATS. Pharmacological Research, 1999, 40, 333-338. | 7.1 | 5 |
| 58 | Early life adversity affecting the attachment bond alters ventral tegmental area transcriptomic patterning and behavior almost exclusively in female mice. Neurobiology of Stress, 2021, 15, 100406. | 4.0 | 5 |
| 59 | Intellectual Disability and Brain Creatine Deficit: Phenotyping of the Genetic Mouse Model for GAMT Deficiency. Genes, 2021, 12, 1201. | 2.4 | 4 |
| 60 | Adenosine deaminase alleles and autistic disorder: Caseâ€control and familyâ€based association studies. American Journal of Medical Genetics Part A, 2000, 96, 784-790. | 2.4 | 4 |
| 61 | Xlr4 as a new candidate gene underlying vulnerability to cocaine effects. Neuropharmacology, 2020, 168, 108019. | 4.1 | 3 |
| 62 | NoiBene, a Group Intervention for Promoting Mental Health Among University Students: A Study Protocol for a Randomized Controlled Trial. Frontiers in Psychology, 2022, 13, . | 2.1 | 3 |
| 63 | Loss and beauty: how experts and novices judge paintings with lacunae. Psychological Research, 2021, 85, 1838-1847. | 1.7 | 1 |
| 64 | Engineering new metabolic pathways in isolated cells for the degradation of guanidinoacetic acid and simultaneous production of creatine. Molecular Therapy - Methods and Clinical Development, 2022, 25, 26-40. | 4.1 | 1 |