

# Anilkumar Pillai

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

1,567  
citations

361413

20  
h-index

302126

39  
g-index

48  
all docs

48  
docs citations

48  
times ranked

2562  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | C1q deletion exacerbates stress-induced learned helplessness behavior and induces neuroinflammation in mice. <i>Translational Psychiatry</i> , 2022, 12, 50.   | 4.8 | 3         |
| 2  | Blood-brain barrier dysfunction in bipolar disorder: Molecular mechanisms and clinical implications. <i>Brain, Behavior, &amp; Immunity - Health</i> , 2022, 21, 100441.   | 2.5 | 7         |
| 3  | A Meta-Analysis of Brain-Derived Neurotrophic Factor Effects on Brain Volume in Schizophrenia: Genotype and Serum Levels. <i>Neuropsychobiology</i> , 2021, 80, 411-424.   | 1.9 | 10        |
| 4  | Type 1 interferon mediates chronic stress-induced neuroinflammation and behavioral deficits via complement component 3-dependent pathway. <i>Molecular Psychiatry</i> , 2021, 26, 3043-3059.   | 7.9 | 21        |
| 5  | Evidence of upregulation of the cholinergic anti-inflammatory pathway in late-life depression. <i>Journal of Affective Disorders</i> , 2021, 286, 275-281.   | 4.1 | 9         |
| 6  | A randomized controlled trial of exercise on augmenting the effects of cognitive remediation in persons with severe mental illness. <i>Journal of Psychiatric Research</i> , 2021, 139, 38-46.   | 3.1 | 9         |
| 7  | Mitophagy in depression: Pathophysiology and treatment targets. <i>Mitochondrion</i> , 2021, 61, 1-10.   | 3.4 | 23        |
| 8  | Oral quetiapine treatment results in time-dependent alterations of recognition memory and brain-derived neurotrophic factor-related signaling molecules in the hippocampus of rats. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 197, 172999. | 2.9 | 3         |
| 9  | Inflammatory Pathways in Psychiatric Disorders: the Case of Schizophrenia and Depression. <i>Current Behavioral Neuroscience Reports</i> , 2020, 7, 128-138.   | 1.3 | 22        |
| 10 | Meta-analysis of randomized controlled trials of galantamine in schizophrenia: significant cognitive enhancement. <i>Psychiatry Research</i> , 2020, 291, 113285.  | 3.3 | 9         |
| 11 | Chronic oral treatment with risperidone impairs recognition memory and alters brain-derived neurotrophic factor and related signaling molecules in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 189, 172853.                            | 2.9 | 9         |
| 12 | T115. TARGETING NICOTINIC AND NMDA RECEPTORS CONCURRENTLY: ROCKET SCIENCE, COMMON SENSE OR GAME CHANGER?. <i>Schizophrenia Bulletin</i> , 2019, 45, S248-S248.   | 4.3 | 1         |
| 13 | Bedtime doses of prazosin do not affect daytime salivary amylase markers in PTSD. <i>Heliyon</i> , 2019, 5, e01709.  | 3.2 | 1         |
| 14 | Galantamine-Memantine Combination as an Antioxidant Treatment for Schizophrenia. <i>Current Behavioral Neuroscience Reports</i> , 2019, 6, 37-50.  | 1.3 | 15        |
| 15 | Complement component 3 levels in the cerebrospinal fluid of cognitively intact elderly individuals with major depressive disorder. <i>Biomarkers in Neuropsychiatry</i> , 2019, 1, 100007.   | 1.0 | 10        |
| 16 | Complement component 3a receptor deficiency attenuates chronic stress-induced monocyte infiltration and depressive-like behavior. <i>Brain, Behavior, and Immunity</i> , 2018, 70, 246-256.  | 4.1 | 62        |
| 17 | Estrogen Receptor $\hat{1}^2$ Agonist Attenuates Endoplasmic Reticulum Stress-Induced Changes in Social Behavior and Brain Connectivity in Mice. <i>Molecular Neurobiology</i> , 2018, 55, 7606-7618.  | 4.0 | 12        |
| 18 | Predicting relapse in schizophrenia: Is BDNF a plausible biological marker?. <i>Schizophrenia Research</i> , 2018, 193, 263-268.   | 2.0 | 18        |

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|----|---|-----|-----------|
| 19 | Transglutaminase 2 Induces Deficits in Social Behavior in Mice. <i>Neural Plasticity</i> , 2018, 2018, 1-9.   | 2.2 | 2         |
| 20 | Neogenin in Amygdala for Neuronal Activity and Information Processing. <i>Journal of Neuroscience</i> , 2018, 38, 9600-9613.  | 3.6 | 21        |
| 21 | Galantamine-memantine combination superior to donepezil-memantine combination in Alzheimer's disease: critical dissection with an emphasis on kynurenic acid and mismatch negativity. <i>Journal of Geriatric Care and Research</i> , 2018, 5, 57-67. | 1.0 | 4         |
| 22 | Complement C3 Expression Is Decreased in Autism Spectrum Disorder Subjects and Contributes to Behavioral Deficits in Rodents. <i>Molecular Neuropsychiatry</i> , 2017, 3, 19-27.  | 2.9 | 42        |
| 23 | Altered Expression of Endoplasmic Reticulum Stress-Related Genes in the Middle Frontal Cortex of Subjects with Autism Spectrum Disorder. <i>Molecular Neuropsychiatry</i> , 2017, 3, 85-91.   | 2.9 | 30        |
| 24 | Estrogen Signaling as a Therapeutic Target in Neurodevelopmental Disorders. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 360, 48-58.  | 2.5 | 57        |
| 25 | The Neurobiological Basis for Social Affiliation in Autism Spectrum Disorder and Schizophrenia. <i>Current Behavioral Neuroscience Reports</i> , 2016, 3, 154-164.  | 1.3 | 1         |
| 26 | Plasma BDNF levels following weight recovery in anorexia nervosa. <i>Physiology and Behavior</i> , 2016, 165, 300-303.  | 2.1 | 12        |
| 27 | Long-Term Effects of Prenatal Hypoxia on Schizophrenia-Like Phenotype in Heterozygous Reeler Mice. <i>Molecular Neurobiology</i> , 2016, 53, 3267-3276.   | 4.0 | 17        |
| 28 | Altered mRNA Levels of Glucocorticoid Receptor, Mineralocorticoid Receptor, and Co-Chaperones (FKBP5 and PTGES3) in the Middle Frontal Gyrus of Autism Spectrum Disorder Subjects. <i>Molecular Neurobiology</i> , 2016, 53, 2090-2099.               | 4.0 | 42        |
| 29 | Glucocorticoid regulates TrkB protein levels via c-Cbl dependent ubiquitination: A decrease in c-Cbl mRNA in the prefrontal cortex of suicide subjects. <i>Psychoneuroendocrinology</i> , 2014, 45, 108-118.  | 2.7 | 21        |
| 30 | Cysteamine, a pro-BDNF drug, as an adjunctive treatment for schizophrenia. <i>Schizophrenia Research</i> , 2014, 158, 268-269.  | 2.0 | 3         |
| 31 | Ubiquitin-proteasome dependent degradation of GABA $\text{A}$ $\alpha$ 1 in autism spectrum disorder. <i>Molecular Autism</i> , 2014, 5, 45.  | 4.9 | 42        |
| 32 | Dysregulation of estrogen receptor beta (ER $\beta$ ), aromatase (CYP19A1), and ER co-activators in the middle frontal gyrus of autism spectrum disorder subjects. <i>Molecular Autism</i> , 2014, 5, 46.   | 4.9 | 90        |
| 33 | Effects of prenatal hypoxia on schizophrenia-related phenotypes in heterozygous reeler mice: A gene-environment interaction study. <i>European Neuropsychopharmacology</i> , 2014, 24, 1324-1336.   | 0.7 | 30        |
| 34 | Potential role of the combination of galantamine and memantine to improve cognition in schizophrenia. <i>Schizophrenia Research</i> , 2014, 157, 84-89.   | 2.0 | 50        |
| 35 | Glucocorticoid Regulates Parkin Expression in Mouse Frontal Cortex: Implications in Schizophrenia. <i>Current Neuropharmacology</i> , 2014, 12, 100-107.  | 2.9 | 13        |
| 36 | Reliable Biomarkers and Predictors of Schizophrenia and its Treatment. <i>Psychiatric Clinics of North America</i> , 2012, 35, 645-659.   | 1.3 | 29        |

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|----|--|-----|-----------|
| 37 | Plasma BDNF Levels Vary in Relation to Body Weight in Females. PLoS ONE, 2012, 7, e39358.  | 2.5 | 76        |
| 38 | Decreased BDNF levels in CSF of drug-naive first-episode psychotic subjects: correlation with plasma BDNF and psychopathology. International Journal of Neuropsychopharmacology, 2010, 13, 535.  | 2.1 | 232       |
| 39 | Cystamine prevents haloperidol-induced decrease of BDNF/TrkB signaling in mouse frontal cortex. Journal of Neurochemistry, 2008, 107, 941-951.   | 3.9 | 31        |
| 40 | Brain-Derived Neurotrophic Factor/TrkB Signaling in the Pathogenesis and Novel Pharmacotherapy of Schizophrenia. NeuroSignals, 2008, 16, 183-193.  | 0.9 | 113       |
| 41 | Erythropoietin Prevents Haloperidol Treatment-Induced Neuronal Apoptosis through Regulation of BDNF. Neuropsychopharmacology, 2008, 33, 1942-1951.   | 5.4 | 41        |
| 42 | Decreased Expression of Sprouty2 in the Dorsolateral Prefrontal Cortex in Schizophrenia and Bipolar Disorder: A Correlation with BDNF Expression. PLoS ONE, 2008, 3, e1784.  | 2.5 | 27        |
| 43 | Long-term antipsychotic treatments and crossover studies in rats: Differential effects of typical and atypical agents on the expression of antioxidant enzymes and membrane lipid peroxidation in rat brain. Journal of Psychiatric Research, 2007, 41, 372-386. | 3.1 | 128       |
| 44 | Differential effects of long-term treatment with typical and atypical antipsychotics on NGF and BDNF levels in rat striatum and hippocampus. Schizophrenia Research, 2006, 82, 95-106.   | 2.0 | 121       |
| 45 | Differential effects of haloperidol and olanzapine on levels of vascular endothelial growth factor and angiogenesis in rat hippocampus. Schizophrenia Research, 2006, 87, 48-59.   | 2.0 | 35        |
| 46 | Differential effects of haloperidol and olanzapine on the expression of erythropoietin and its receptor in rat hippocampus and striatum. Journal of Neurochemistry, 2006, 98, 1411-1422.   | 3.9 | 13        |