

# Francisco S Cayabyab

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

1,403  
citations

304743

22  
h-index

377865

34  
g-index

35  
all docs

35  
docs citations

35  
times ranked

2525  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Adenosine A1 receptor ligands bind to $\hat{\pm}$ -synuclein: implications for $\hat{\pm}$ -synuclein misfolding and $\hat{\pm}$ -synucleinopathy in Parkinson's disease. <i>Translational Neurodegeneration</i> , 2022, 11, 9. | 8.0 | 4         |
| 2  | Adenosine Signaling and Clathrin-Mediated Endocytosis of Glutamate AMPA Receptors in Delayed Hypoxic Injury in Rat Hippocampus: Role of Casein Kinase 2. <i>Molecular Neurobiology</i> , 2021, 58, 1932-1951.                   | 4.0 | 6         |
| 3  | The Concept of an Epilepsy Brain Bank. <i>Frontiers in Neurology</i> , 2020, 11, 833.   | 2.4 | 2         |
| 4  | HERG channel and cancer: A mechanistic review of carcinogenic processes and therapeutic potential. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020, 1873, 188355.  | 7.4 | 38        |
| 5  | Long-term adenosine A1 receptor activation-induced sortilin expression promotes $\hat{\pm}$ -synuclein upregulation in dopaminergic neurons. <i>Neural Regeneration Research</i> , 2020, 15, 712.                               | 3.0 | 11        |
| 6  | Rewiring of the Human Mitochondrial Interactome during Neuronal Reprogramming Reveals Regulators of the Respirasome and Neurogenesis. <i>IScience</i> , 2019, 19, 1114-1132.  | 4.1 | 38        |
| 7  | Best practices for enhancing surgical research: a perspective from the Canadian Association of Chairs of Surgical Research. <i>Canadian Journal of Surgery</i> , 2019, 62, 488-498.   | 1.2 | 5         |
| 8  | Neutrophil Infiltration and Matrix Metalloproteinase-9 in Lacunar Infarction. <i>Neurochemical Research</i> , 2017, 42, 2560-2565.  | 3.3 | 30        |
| 9  | Implications of Sortilin in Lipid Metabolism and Lipid Disorder Diseases. <i>DNA and Cell Biology</i> , 2017, 36, 1050-1061.  | 1.9 | 31        |
| 10 | Adenosine A1 and A2A Receptors in the Brain: Current Research and Their Role in Neurodegeneration. <i>Molecules</i> , 2017, 22, 676.  | 3.8 | 140       |
| 11 | Protein phosphatase role in adenosine A1 receptor-induced AMPA receptor trafficking and rat hippocampal neuronal damage in hypoxia/reperfusion injury. <i>Neuropharmacology</i> , 2016, 102, 254-265.                           | 4.1 | 33        |
| 12 | Sortilin: A novel regulator in lipid metabolism and atherogenesis. <i>Clinica Chimica Acta</i> , 2016, 460, 11-17.  | 1.1 | 31        |
| 13 | Adenosine A1 Receptor-Mediated Endocytosis of AMPA Receptors Contributes to Impairments in Long-Term Potentiation (LTP) in the Middle-Aged Rat Hippocampus. <i>Neurochemical Research</i> , 2016, 41, 1085-1097.                | 3.3 | 25        |
| 14 | Histone Methyltransferase Enhancer of Zeste Homolog 2-Mediated ABCA1 Promoter DNA Methylation Contributes to the Progression of Atherosclerosis. <i>PLoS ONE</i> , 2016, 11, e0157265.  | 2.5 | 61        |
| 15 | Diosgenin inhibits atherosclerosis via suppressing the MiR-19b-induced downregulation of ATP-binding cassette transporter A1. <i>Atherosclerosis</i> , 2015, 240, 80-89.  | 0.8 | 69        |
| 16 | Endothelial LSP1 Modulates Extravascular Neutrophil Chemotaxis by Regulating Nonhematopoietic Vascular PECAM-1 Expression. <i>Journal of Immunology</i> , 2015, 195, 2408-2416.   | 0.8 | 23        |
| 17 | Interferon- $\hat{\pm}$ 3 in foam cell formation and progression of atherosclerosis. <i>Clinica Chimica Acta</i> , 2015, 441, 33-43.  | 1.1 | 31        |
| 18 | Endothelial Na <sup>+</sup> /H <sup>+</sup> exchanger NHE1 participates in redox-sensitive leukocyte recruitment triggered by methylglyoxal. <i>Cardiovascular Diabetology</i> , 2014, 13, 134.                                 | 6.8 | 9         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Inhibition of MMP-2 expression affects metabolic enzyme expression levels: Proteomic analysis of rat cardiomyocytes. <i>Journal of Proteomics</i> , 2014, 106, 74-85.   | 2.4 | 9         |
| 20 | NPC1, intracellular cholesterol trafficking and atherosclerosis. <i>Clinica Chimica Acta</i> , 2014, 429, 69-75.  | 1.1 | 60        |
| 21 | The effects of miR-467b on lipoprotein lipase (LPL) expression, pro-inflammatory cytokine, lipid levels and atherosclerotic lesions in apolipoprotein E knockout mice. <i>Biochemical and Biophysical Research Communications</i> , 2014, 443, 428-434.   | 2.1 | 32        |
| 22 | MicroRNA-27a/b regulates cellular cholesterol efflux, influx and esterification/hydrolysis in THP-1 macrophages. <i>Atherosclerosis</i> , 2014, 234, 54-64.   | 0.8 | 151       |
| 23 | ABCG5/ABCG8 in cholesterol excretion and atherosclerosis. <i>Clinica Chimica Acta</i> , 2014, 428, 82-88.   | 1.1 | 143       |
| 24 | MicroRNA-19b promotes macrophage cholesterol accumulation and aortic atherosclerosis by targeting ATP-binding cassette transporter A1. <i>Atherosclerosis</i> , 2014, 236, 215-226.   | 0.8 | 108       |
| 25 | Hydrogen sulfide as a potent cardiovascular protective agent. <i>Clinica Chimica Acta</i> , 2014, 437, 78-87.   | 1.1 | 61        |
| 26 | Regulation of methylglyoxal-elicited leukocyte recruitment by endothelial SGK1/GSK3 signaling. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 2481-2491.  | 4.1 | 14        |
| 27 | Prolonged Adenosine A1 Receptor Activation in Hypoxia and Pial Vessel Disruption Focal Cortical Ischemia Facilitates Clathrin-Mediated AMPA Receptor Endocytosis and Long-Lasting Synaptic Inhibition in Rat Hippocampal CA3-CA1 Synapses: Differential Regulation of GluA2 and GluA1 Subunits by p38 MAPK and JNK. <i>Journal of Neuroscience</i> , 2014, 34, 9621-9643. | 3.6 | 54        |
| 28 | NF- $\kappa$ B suppresses the expression of ATP-binding cassette transporter A1/G1 by regulating SREBP-2 and miR-33a in mice. <i>International Journal of Cardiology</i> , 2014, 171, e93-e95.  | 1.7 | 36        |
| 29 | Interleukin-17A in lipid metabolism and atherosclerosis. <i>Clinica Chimica Acta</i> , 2014, 431, 33-39.  | 1.1 | 32        |
| 30 | Growth differentiation factor-15 induces expression of ATP-binding cassette transporter A1 through PI3-K/PKC $\alpha$ /SP1 pathway in THP-1 macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2014, 444, 325-331.   | 2.1 | 19        |
| 31 | Involvement of matrix metalloproteinases $\alpha$ 2 and $\alpha$ 9 in the formation of a lacuna-like cerebral cavity. <i>Journal of Neuroscience Research</i> , 2013, 91, 920-933.  | 2.9 | 7         |
| 32 | Protein-Energy Malnutrition Alters Hippocampal Plasticity-Associated Protein Expression following Global Ischemia in the Gerbil. <i>Current Neurovascular Research</i> , 2010, 7, 341-360.  | 1.1 | 19        |
| 33 | C-Jun N-terminal kinase regulates adenosine A1 receptor-mediated synaptic depression in the rat hippocampus. <i>Neuropharmacology</i> , 2007, 53, 906-917.  | 4.1 | 27        |
| 34 | p38 Mitogen-Activated Protein Kinase Contributes to Adenosine A1 Receptor-Mediated Synaptic Depression in Area CA1 of the Rat Hippocampus. <i>Journal of Neuroscience</i> , 2006, 26, 12427-12438.  | 3.6 | 44        |