

# Xavier Prasanna Anthony Raj

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8268233/publications.pdf>

Version: 2024-02-01

9  
papers

599  
citations

1039406

9  
h-index

1372195

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

722  
citing authors

| # | ARTICLE                                                                                                                                                                                                                      | IF  | CITATIONS |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Cholesterol Modulates the Dimer Interface of the $\beta_2$ -Adrenergic Receptor via Cholesterol Occupancy Sites. <i>Biophysical Journal</i> , 2014, 106, 1290-1300.                                                          | 0.2 | 142       |
| 2 | An efficient auxin-inducible degron system with low basal degradation in human cells. <i>Nature Methods</i> , 2019, 16, 866-869.                                                                                             | 9.0 | 117       |
| 3 | Cholesterol-dependent Conformational Plasticity in GPCR Dimers. <i>Scientific Reports</i> , 2016, 6, 31858.                                                                                                                  | 1.6 | 75        |
| 4 | Exploring GPCR-Lipid Interactions by Molecular Dynamics Simulations: Excitements, Challenges, and the Way Forward. <i>Journal of Physical Chemistry B</i> , 2018, 122, 5727-5737.                                            | 1.2 | 68        |
| 5 | The ganglioside GM1 interacts with the serotonin 1A receptor via the sphingolipid binding domain. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 2818-2826.                                               | 1.4 | 59        |
| 6 | Seipin traps triacylglycerols to facilitate their nanoscale clustering in the endoplasmic reticulum membrane. <i>PLoS Biology</i> , 2021, 19, e3000998.                                                                      | 2.6 | 54        |
| 7 | Differential dynamics of the serotonin <sub>1A</sub> receptor in membrane bilayers of varying cholesterol content revealed by all atom molecular dynamics simulation. <i>Molecular Membrane Biology</i> , 2015, 32, 127-137. | 2.0 | 33        |
| 8 | Role of cholesterol-mediated effects in GPCR heterodimers. <i>Chemistry and Physics of Lipids</i> , 2020, 227, 104852.                                                                                                       | 1.5 | 24        |
| 9 | Role of Lipid-Mediated Effects in $\beta_2$ -Adrenergic Receptor Dimerization. <i>Advances in Experimental Medicine and Biology</i> , 2015, 842, 247-261.                                                                    | 0.8 | 22        |