

# Joong-Youn Shim

## List of Publications by Year in descending order

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12  
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#	ARTICLE	IF	CITATIONS
1	Prediction of essential binding domains for the endocannabinoid N-arachidonylethanolamine (AEA) in the brain cannabinoid CB1 receptor. PLoS ONE, 2021, 16, e0229879.	2.5	1
2	Molecular Basis of Cannabinoid CB1 Receptor Coupling to the G Protein Heterotrimer $G\beta\gamma$ . Journal of Biological Chemistry, 2013, 288, 32449-32465.	3.4	24
3	Functional Residues Essential for the Activation of the CB1 Cannabinoid Receptor. Methods in Enzymology, 2013, 520, 337-355.	1.0	6
4	Distinct Roles of $\beta$ -Arrestin 1 and $\beta$ -Arrestin 2 in ORG27569-induced Biased Signaling and Internalization of the Cannabinoid Receptor 1 (CB1). Journal of Biological Chemistry, 2013, 288, 9790-9800.	3.4	114
5	Probing the Interaction of SR141716A with the CB1 Receptor. Journal of Biological Chemistry, 2012, 287, 38741-38754.	3.4	16
6	Chemoprevention of 7,12-dimethylbenz[ <i>a</i> ]anthracene (DMBA)-induced Hamster Cheek Pouch Carcinogenesis by a 5-Lipoxygenase Inhibitor, Garcinol. Nutrition and Cancer, 2012, 64, 1211-1218.	2.0	40
7	Identification of Essential Cannabinoid-binding Domains. Journal of Biological Chemistry, 2011, 286, 33422-33435.	3.4	55
8	Distinct second extracellular loop structures of the brain cannabinoid CB <sub>1</sub> receptor: Implication in ligand binding and receptor function. Proteins: Structure, Function and Bioinformatics, 2011, 79, 581-597.	2.6	3
9	Understanding Functional Residues of the Cannabinoid CB1 Receptor for Drug Discovery. Current Topics in Medicinal Chemistry, 2010, 10, 779-798.	2.1	34
10	Transmembrane Helical Domain of the Cannabinoid CB1 Receptor. Biophysical Journal, 2009, 96, 3251-3262.	0.5	33
11	WIN55212-2 Docking to the CB1 Cannabinoid Receptor and Multiple Pathways for Conformational Induction. Journal of Chemical Information and Modeling, 2006, 46, 1286-1300.	5.4	31
12	Steric Trigger as a Mechanism for CB1 Cannabinoid Receptor Activation. Journal of Chemical Information and Computer Sciences, 2004, 44, 1466-1476.	2.8	14