Jonathon M Willets

List of Publications by Year
in descending order

42 papers	1,022 citations	361045 20 h-index	433756 31 g-index
42 all docs	42 docs citations	42 times ranked	1148 citing authors

#	Article	IF	Citations
1	G protein-coupled receptor kinase 2 is essential to enable vasoconstrictor-mediated arterial smooth muscle proliferation. Cellular Signalling, 2021, 88, 110152.	1.7	2
2	Nociceptin/Orphanin <scp>FQ</scp> (N/OFQ) conjugated to <scp>ATTO</scp>594: a novel fluorescent probe for the N/OFQ (NOP) receptor. British Journal of Pharmacology, 2018, 175, 4496-4506.	2.7	17
3	Differential regulation of Î²2-adrenoceptor and adenosine A2B receptor signalling by GRK and arrestin proteins in arterial smooth muscle. Cellular Signalling, 2018, 51, 86-98.	1.7	11
4	Small-Molecule G Proteinâ€“Coupled Receptor Kinase Inhibitors Attenuate G Proteinâ€“Coupled Receptor Kinase 2â€“Mediated Desensitization of Vasoconstrictor-Induced Arterial Contractions. Molecular Pharmacology, 2018, 94, 1079-1091.	1.0	12
5	Reciprocal regulation of Î² 2 -adrenoceptor-activated cAMP response-element binding protein signalling by arrestin2 and arrestin3. Cellular Signalling, 2017, 38, 182-191.	1.7	4
6	Validation of endogenous control reference genes for normalizing gene expression studies in endometrial carcinoma. Molecular Human Reproduction, 2015, 21, 723-735.	1.3	38
7	Bradykinin-activated contractile signalling pathways in human myometrial cells are differentially regulated by arrestin proteins. Molecular and Cellular Endocrinology, 2015, 407, 57-66.	1.6	10
8	Effect of anandamide on endometrial adenocarcinoma (Ishikawa) cell numbers: implications for endometrial cancer therapy. Lancet, The, 2015, 385, S20.	6.3	5
9	Defining the roles of arrestin2 and arrestin3 in vasoconstrictor receptor desensitization in hypertension. American Journal of Physiology - Cell Physiology, 2015, 309, C179-C189.	2.1	8
10	Steady-State Modulation of Voltage-Gated K+ Channels in Rat Arterial Smooth Muscle by Cyclic AMP-Dependent Protein Kinase and Protein Phosphatase 2B. PLoS ONE, 2015, 10, e0121285.	1.1	10
11	Relationship between seminal plasma levels of anandamide congeners palmitoylethanolamide and oleoylethanolamide andÂsemen quality. Fertility and Sterility, 2014, 102, 1260-1267.	0.5	14
12	Investigation of G Protein-Coupled Receptor Function and Regulation Using Antisense. Methods in Pharmacology and Toxicology, 2014, , 105-126.	0.1	1
13	The Endocannabinoid System and Sex Steroid Hormone-Dependent Cancers. International Journal of Endocrinology, 2013, 2013, 1-14.	0.6	25
14	Arrestins 2 and 3 differentially regulate ETA and P2Y2 receptor-mediated cell signaling and migration in arterial smooth muscle. American Journal of Physiology - Cell Physiology, 2012, 302, C723-C734.	2.1	32
15	Variation in Stability of Endogenous Reference Genes in Fallopian Tubes and Endometrium from Healthy and Ectopic Pregnant Women. International Journal of Molecular Sciences, 2012, 13, 2810-2826.	1.8	15
16	Ectopic Pregnancy Is Associated with High Anandamide Levels and Aberrant Expression of FAAH and CB1 in Fallopian Tubes. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 2827-2835.	1.8	48
17	Arrestins differentially regulate histamineâ€•and oxytocinâ€•evoked phospholipase C and mitogenâ€•activated protein kinase signalling in myometrial cells. British Journal of Pharmacology, 2011, 162, 1603-1617.	2.7	23
18	Characterization of the endocannabinoid system, CB1 receptor signalling and desensitization in human myometrium. British Journal of Pharmacology, 2011, 164, 1479-1494.	2.7	22

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19	G protein-coupled receptor kinase 2 and arrestin2 regulate arterial smooth muscle P2Y-purinoceptor signalling. Cardiovascular Research, 2011, 89, 193-203.	1.8	34
20	Approaches to Study GPCR Regulation in Native Systems. Methods in Molecular Biology, 2011, 746, 99-112.	0.4	1
21	From Fertilisation to Implantation in Mammalian Pregnancyâ€"Modulation of Early Human Reproduction by the Endocannabinoid System. Pharmaceuticals, 2010, 3, 2910-2929.	1.7	15
22	Endothelin signalling in arterial smooth muscle is tightly regulated by G protein-coupled receptor kinase 2. Cardiovascular Research, 2010, 85, 424-433.	1.8	58
23	Molecular mechanisms of tubal pregnancy. Expert Review of Obstetrics and Gynecology, 2010, 5, 727-739.	0.4	3
24	Regulation of Oxytocin Receptor Responsiveness by G Protein-Coupled Receptor Kinase 6 in Human Myometrial Smooth Muscle. Molecular Endocrinology, 2009, 23, 1272-1280.	3.7	38
25	Characterization of Anandamide-Stimulated Cannabinoid Receptor Signaling in Human ULTR Myometrial Smooth Muscle Cells. Molecular Endocrinology, 2009, 23, 1415-1427.	3.7	30
26	Visualizing the temporal effects of vasoconstrictors on PKC translocation and Ca2+ signaling in single resistance arterial smooth muscle cells. American Journal of Physiology - Cell Physiology, 2008, 295, C1590-C1601.	2.1	20
27	Selective Regulation of H₁Histamine Receptor Signaling by G Protein-Coupled Receptor Kinase 2 in Uterine Smooth Muscle Cells. Molecular Endocrinology, 2008, 22, 1893-1907.	3.7	47
28	The regulation of M1muscarinic acetylcholine receptor desensitization by synaptic activity in cultured hippocampal neurons. Journal of Neurochemistry, 2007, 103, 2268-2280.	2.1	12
29	A Single Point Mutation (N514Y) in the Human M3 Muscarinic Acetylcholine Receptor Reveals Differences in the Properties of Antagonists: Evidence for Differential Inverse Agonism. Journal of Pharmacology and Experimental Therapeutics, 2006, 317, 1134-1142.	1.3	16
30	Roles of Phosphorylation-dependent and -independent Mechanisms in the Regulation of M1 Muscarinic Acetylcholine Receptors by G Protein-coupled Receptor Kinase 2 in Hippocampal Neurons. Journal of Biological Chemistry, 2005, 280, 18950-18958.	1.6	33
31	Muscarinic acetylcholine receptor activation enhances hippocampal neuron excitability and potentiates synaptically evoked Ca2+ signals via phosphatidylinositol 4,5-bisphosphate depletion. Molecular and Cellular Neurosciences, 2005, 30, 48-57.	1.0	21
32	Synaptic Activity Augments Muscarinic Acetylcholine Receptor-stimulated Inositol 1,4,5-Trisphosphate Production to Facilitate Ca2+ Release in Hippocampal Neurons. Journal of Biological Chemistry, 2004, 279, 49036-49044.	1.6	30
33	Imaging of Muscarinic Acetylcholine Receptor Signaling in Hippocampal Neurons: Evidence for Phosphorylation-Dependent and -Independent Regulation by G-Protein-Coupled Receptor Kinases. Journal of Neuroscience, 2004, 24, 4157-4162.	1.7	43
34	G protein-coupled receptor kinase 6 (GRK6) selectively regulates endogenous secretin receptor responsiveness in NG108-15 cells. British Journal of Pharmacology, 2003, 138, 660-670.	2.7	14
35	Non-visual GRKs: are we seeing the whole picture?. Trends in Pharmacological Sciences, 2003, 24, 626-633.	4.0	100
36	Specificity of G Protein-Coupled Receptor Kinase 6-Mediated Phosphorylation and Regulation of Single-Cell M3 Muscarinic Acetylcholine Receptor Signaling. Molecular Pharmacology, 2003, 64, 1059-1068.	1.0	42

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37	Endogenous G Protein-coupled Receptor Kinase 6 Regulates M3 Muscarinic Acetylcholine Receptor Phosphorylation and Desensitization in Human SH-SY5Y Neuroblastoma Cells. Journal of Biological Chemistry, 2002, 277, 15523-15529.	1.6	44
38	Selective Reduction in A2 Adenosine Receptor Desensitization Following Antisense-Induced Suppression of G Protein-Coupled Receptor Kinase 2 Expression. Journal of Neurochemistry, 2002, 73, 1781-1789.	2.1	33
39	Desensitization of endogenously expressed Î´-opioid receptors: no evidence for involvement of G protein-coupled receptor kinase 2. European Journal of Pharmacology, 2001, 431, 133-141.	1.7	24
40	G Protein-Coupled Receptor Kinases 3 and 6 Use Different Pathways to Desensitize the Endogenous M3 Muscarinic Acetylcholine Receptor in Human SH-SY5Y Cells. Molecular Pharmacology, 2001, 60, 321-330.	1.0	42
41	Neurotoxicity of nicotinamide derivatives;. Biochemical Society Transactions, 1993, 21, 299S-299S.	1.6	15
42	Suitability of B65 and SH-SY5Y neuroblastoma cells as models for â€˜in vitroâ€™ neurotoxicity testing. Biochemical Society Transactions, 1993, 21, 452S-452S.	1.6	10