

Jonathon M Willets

List of Publications by Year in descending order

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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	Non-visual GRKs: are we seeing the whole picture?. Trends in Pharmacological Sciences, 2003, 24, 626-633.	4.0	100
2	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
3	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
4	Selective Regulation of H ₁ Histamine Receptor Signaling by G Protein-Coupled Receptor Kinase 2 in Uterine Smooth Muscle Cells. Molecular Endocrinology, 2008, 22, 1893-1907.	3.7	47
5	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
6	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
7	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
8	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
9	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
10	Validation of endogenous control reference genes for normalizing gene expression studies in endometrial carcinoma. Molecular Human Reproduction, 2015, 21, 723-735.	1.3	38
11	G protein-coupled receptor kinase 2 and arrestin2 regulate arterial smooth muscle P2Y-purinoreceptor signalling. Cardiovascular Research, 2011, 89, 193-203.	1.8	34
12	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
13	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
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	Synaptic Activity Augments Muscarinic Acetylcholine Receptor-stimulated Inositol 1,4,5-Trisphosphate Production to Facilitate Ca ²⁺ Release in Hippocampal Neurons. Journal of Biological Chemistry, 2004, 279, 49036-49044.	1.6	30
16	Characterization of Anandamide-Stimulated Cannabinoid Receptor Signaling in Human ULTR Myometrial Smooth Muscle Cells. Molecular Endocrinology, 2009, 23, 1415-1427.	3.7	30
17	The Endocannabinoid System and Sex Steroid Hormone-Dependent Cancers. International Journal of Endocrinology, 2013, 2013, 1-14.	0.6	25
18	Desensitization of endogenously expressed $\hat{\iota}$ -opioid receptors: no evidence for involvement of G protein-coupled receptor kinase 2. European Journal of Pharmacology, 2001, 431, 133-141.	1.7	24

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19	Arrestins differentially regulate histamine- and oxytocin-evoked phospholipase C and mitogen-activated protein kinase signalling in myometrial cells. <i>British Journal of Pharmacology</i> , 2011, 162, 1603-1617.	2.7	23
20	Characterization of the endocannabinoid system, CB1 receptor signalling and desensitization in human myometrium. <i>British Journal of Pharmacology</i> , 2011, 164, 1479-1494.	2.7	22
21	Muscarinic acetylcholine receptor activation enhances hippocampal neuron excitability and potentiates synaptically evoked Ca ²⁺ signals via phosphatidylinositol 4,5-bisphosphate depletion. <i>Molecular and Cellular Neurosciences</i> , 2005, 30, 48-57.	1.0	21
22	Visualizing the temporal effects of vasoconstrictors on PKC translocation and Ca ²⁺ signaling in single resistance arterial smooth muscle cells. <i>American Journal of Physiology - Cell Physiology</i> , 2008, 295, C1590-C1601.	2.1	20
23	Nociceptin/Orphanin FQ (N/O FQ) conjugated to $\text{ATTO}594$: a novel fluorescent probe for the N/O FQ (NOP) receptor. <i>British Journal of Pharmacology</i> , 2018, 175, 4496-4506.	2.7	17
24	A Single Point Mutation (N514Y) in the Human M3 Muscarinic Acetylcholine Receptor Reveals Differences in the Properties of Antagonists: Evidence for Differential Inverse Agonism. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 317, 1134-1142.	1.3	16
25	Neurotoxicity of nicotinamide derivatives;. <i>Biochemical Society Transactions</i> , 1993, 21, 299S-299S.	1.6	15
26	From Fertilisation to Implantation in Mammalian Pregnancy—Modulation of Early Human Reproduction by the Endocannabinoid System. <i>Pharmaceuticals</i> , 2010, 3, 2910-2929.	1.7	15
27	Variation in Stability of Endogenous Reference Genes in Fallopian Tubes and Endometrium from Healthy and Ectopic Pregnant Women. <i>International Journal of Molecular Sciences</i> , 2012, 13, 2810-2826.	1.8	15
28	G protein-coupled receptor kinase 6 (GRK6) selectively regulates endogenous secretin receptor responsiveness in NG108-15 cells. <i>British Journal of Pharmacology</i> , 2003, 138, 660-670.	2.7	14
29	Relationship between seminal plasma levels of anandamide congeners palmitoylethanolamide and oleoylethanolamide and semen quality. <i>Fertility and Sterility</i> , 2014, 102, 1260-1267.	0.5	14
30	The regulation of M1 muscarinic acetylcholine receptor desensitization by synaptic activity in cultured hippocampal neurons. <i>Journal of Neurochemistry</i> , 2007, 103, 2268-2280.	2.1	12
31	Small-Molecule G Protein-Coupled Receptor Kinase Inhibitors Attenuate G Protein-Coupled Receptor Kinase 2-Mediated Desensitization of Vasoconstrictor-Induced Arterial Contractions. <i>Molecular Pharmacology</i> , 2018, 94, 1079-1091.	1.0	12
32	Differential regulation of β_2 -adrenoceptor and adenosine A2B receptor signalling by GRK and arrestin proteins in arterial smooth muscle. <i>Cellular Signalling</i> , 2018, 51, 86-98.	1.7	11
33	Suitability of B65 and SH-SY5Y neuroblastoma cells as models for <i>in vitro</i> neurotoxicity testing. <i>Biochemical Society Transactions</i> , 1993, 21, 452S-452S.	1.6	10
34	Bradykinin-activated contractile signalling pathways in human myometrial cells are differentially regulated by arrestin proteins. <i>Molecular and Cellular Endocrinology</i> , 2015, 407, 57-66.	1.6	10
35	Steady-State Modulation of Voltage-Gated K ⁺ Channels in Rat Arterial Smooth Muscle by Cyclic AMP-Dependent Protein Kinase and Protein Phosphatase 2B. <i>PLoS ONE</i> , 2015, 10, e0121285.	1.1	10
36	Defining the roles of arrestin2 and arrestin3 in vasoconstrictor receptor desensitization in hypertension. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 309, C179-C189.	2.1	8

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37	Effect of anandamide on endometrial adenocarcinoma (Ishikawa) cell numbers: implications for endometrial cancer therapy. <i>Lancet, The</i> , 2015, 385, S20.	6.3	5
38	Reciprocal regulation of β_2 -adrenoceptor-activated cAMP response-element binding protein signalling by arrestin2 and arrestin3. <i>Cellular Signalling</i> , 2017, 38, 182-191.	1.7	4
39	Molecular mechanisms of tubal pregnancy. <i>Expert Review of Obstetrics and Gynecology</i> , 2010, 5, 727-739.	0.4	3
40	G protein-coupled receptor kinase 2 is essential to enable vasoconstrictor-mediated arterial smooth muscle proliferation. <i>Cellular Signalling</i> , 2021, 88, 110152.	1.7	2
41	Approaches to Study GPCR Regulation in Native Systems. <i>Methods in Molecular Biology</i> , 2011, 746, 99-112.	0.4	1
42	Investigation of G Protein-Coupled Receptor Function and Regulation Using Antisense. <i>Methods in Pharmacology and Toxicology</i> , 2014, , 105-126.	0.1	1