

Eric R Prossnitz

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

228
papers

16,997
citations

68
h-index

125
g-index

239
ext. papers

18,561
ext. citations

5.8
avg, IF

6.7
L-index

#	Paper	IF	Citations
228	Assessing Estrogenic Activity of Classical Estrogen Receptor-Binding Compounds.. <i>Methods in Molecular Biology</i> , 2022 , 2418, 187-201	1.4	0
227	Assessment of Metabolic Regulation by Estrogen Receptors.. <i>Methods in Molecular Biology</i> , 2022 , 2418, 383-404	1.4	
226	Steroid Hormones and Receptors in Health and Disease: A Research Conference Co-Organized by FASEB and the International Committee on Rapid Responses to Steroid Hormones (RRSH), May 25-27, 2021. <i>FASEB Journal</i> , 2021 , 35, e21858	0.9	
225	G Protein-Coupled Estrogen Receptor in Cancer and Stromal Cells: Functions and Novel Therapeutic Perspectives. <i>Cells</i> , 2021 , 10,	7.9	11
224	Targeted Phage Display-based Pulmonary Vaccination in Mice and Non-human Primates. <i>Med</i> , 2021 , 2, 321-342	31.7	6
223	Targeting the G protein-coupled estrogen receptor (GPER) in obesity and diabetes.. <i>Endocrine and Metabolic Science</i> , 2021 , 2,	1	4
222	Cell-Cell Interaction Chemotactic Peptide/Complement Receptors 2021 , 711-715		
221	THE CONCISE GUIDE TO PHARMACOLOGY 2021/22: G protein-coupled receptors. <i>British Journal of Pharmacology</i> , 2021 , 178 Suppl 1, S27-S156	8.6	46
220	Preclinical efficacy of the GPER-selective agonist G-1 in mouse models of obesity and diabetes. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	27
219	Sex differences in murine myocutaneous flap revascularization. <i>Wound Repair and Regeneration</i> , 2020 , 28, 470-479	3.6	2
218	Early life stress determines insulin signalling in adulthood. <i>Journal of Physiology</i> , 2020 , 598, 427-428	3.9	1
217	G-CSF and G-CSFR Induce a Pro-Tumorigenic Macrophage Phenotype to Promote Colon and Pancreas Tumor Growth. <i>Cancers</i> , 2020 , 12,	6.6	8
216	Complement Receptor 3 Contributes to the Sexual Dimorphism in Neutrophil Killing of. <i>Journal of Immunology</i> , 2020 , 205, 1593-1600	5.3	3
215	A hypertension patient-derived iPSC model demonstrates a role for G protein-coupled estrogen receptor in hypertension risk and development. <i>American Journal of Physiology - Cell Physiology</i> , 2020 , 319, C825-C838	5.4	3
214	G-CSF and G-CSFR Modulate CD4 and CD8 T Cell Responses to Promote Colon Tumor Growth and Are Potential Therapeutic Targets. <i>Frontiers in Immunology</i> , 2020 , 11, 1885	8.4	4
213	ER-targeted endocrine therapy, resistance and the role of GPER. <i>Steroids</i> , 2019 , 152, 108493	2.8	11
212	Nox1 downregulators: A new class of therapeutics. <i>Steroids</i> , 2019 , 152, 108494	2.8	8

211	Obesity and survival among a cohort of breast cancer patients is partially mediated by tumor characteristics. <i>Npj Breast Cancer</i> , 2019 , 5, 33	7.8	36
210	Autophagy, Inflammation, and Metabolism (AIM) Center in its second year. <i>Autophagy</i> , 2019 , 15, 1829-1832	8.3	2
209	GPER activation protects against epithelial barrier disruption by Staphylococcus aureus Exotoxin. <i>Scientific Reports</i> , 2019 , 9, 1343	4.9	14
208	A Selective Ligand for Estrogen Receptor Proteins Discriminates Rapid and Genomic Signaling. <i>Cell Chemical Biology</i> , 2019 , 26, 1692-1702.e5	8.2	9
207	THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: G protein-coupled receptors. <i>British Journal of Pharmacology</i> , 2019 , 176 Suppl 1, S21-S141	8.6	391
206	Temporal trends in breast cancer survival by race and ethnicity: A population-based cohort study. <i>PLoS ONE</i> , 2019 , 14, e0224064	3.7	9
205	G protein-coupled estrogen receptor in colon function, immune regulation and carcinogenesis. <i>World Journal of Gastroenterology</i> , 2019 , 25, 4092-4104	5.6	22
204	The R-Enantiomer of Ketorolac Delays Mammary Tumor Development in Mouse Mammary Tumor Virus-Polyoma Middle T Antigen (MMTV-PyMT) Mice. <i>American Journal of Pathology</i> , 2018 , 188, 515-524	5.8	8
203	Female Sex Hormone Receptor Profiling in Uterine Adenosarcomas. <i>International Journal of Gynecological Cancer</i> , 2018 , 28, 500-504	3.5	4
202	Breast cancer survival, survival disparities, and guideline-based treatment. <i>Breast Cancer Research and Treatment</i> , 2018 , 170, 405-414	4.4	20
201	Roles of G protein-coupled estrogen receptor GPER in metabolic regulation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018 , 176, 31-37	5.1	69
200	Twenty years of the G protein-coupled estrogen receptor GPER: Historical and personal perspectives. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018 , 176, 4-15	5.1	125
199	GPER modulators: Opportunity Nox on the heels of a class Akt. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018 , 176, 73-81	5.1	20
198	Role of GPER in estrogen-dependent nitric oxide formation and vasodilation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018 , 176, 65-72	5.1	56
197	Role of G protein-coupled estrogen receptors in pulmonary hypertension. <i>FASEB Journal</i> , 2018 , 32, 892-4.9	4.9	
196	Innate Sex Bias of Skin Infection Is Driven by Hemolysis. <i>Journal of Immunology</i> , 2018 , 200, 657-668	5.3	14
195	Rapid vasodilation to raloxifene: role of oestrogen receptors and off-target effects. <i>British Journal of Pharmacology</i> , 2017 , 174, 4201-4202	8.6	1
194	GPER Mediates Functional Endothelial Aging in Renal Arteries. <i>Pharmacology</i> , 2017 , 100, 188-193	2.3	10

193	Estrogen receptor quantitative measures and breast cancer survival. <i>Breast Cancer Research and Treatment</i> , 2017 , 166, 855-864	4.4	11
192	G-Protein-Coupled Estrogen Receptor (GPER) and Sex-Specific Metabolic Homeostasis. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 1043, 427-453	3.6	43
191	Towards a transcriptome-based theranostic platform for unfavorable breast cancer phenotypes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 12780-12785	11.5	27
190	Obligatory role for GPER in cardiovascular aging and disease. <i>Science Signaling</i> , 2016 , 9, ra105	8.8	42
189	GPER is required for the age-dependent upregulation of the myocardial endothelin system. <i>Life Sciences</i> , 2016 , 159, 61-65	6.8	8
188	GPER/GPR30 Knockout Mice: Effects of GPER on Metabolism. <i>Methods in Molecular Biology</i> , 2016 , 1366, 489-502	1.4	32
187	Regulation of N-Formyl Peptide Receptor Signaling and Trafficking by Arrestin-Src Kinase Interaction. <i>PLoS ONE</i> , 2016 , 11, e0147442	3.7	11
186	What have we learned about GPER function in physiology and disease from knockout mice?. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015 , 153, 114-26	5.1	88
185	Effects of atrazine on estrogen receptor β and G protein-coupled receptor 30-mediated signaling and proliferation in cancer cells and cancer-associated fibroblasts. <i>Environmental Health Perspectives</i> , 2015 , 123, 493-9	8.4	53
184	Emerging roles of GPER in diabetes and atherosclerosis. <i>Trends in Endocrinology and Metabolism</i> , 2015 , 26, 185-92	8.8	73
183	Prostanoid-mediated contractions of the carotid artery become Nox2-independent with aging. <i>Age</i> , 2015 , 37, 9806		6
182	G protein-coupled estrogen receptor inhibits vascular prostanoid production and activity. <i>Journal of Endocrinology</i> , 2015 , 227, 61-9	4.7	26
181	The Concise Guide to PHARMACOLOGY 2015/16: Overview. <i>British Journal of Pharmacology</i> , 2015 , 172, 5729-43	8.6	207
180	Estrogen-mediated inactivation of FOXO3a by the G protein-coupled estrogen receptor GPER. <i>BMC Cancer</i> , 2015 , 15, 702	4.8	22
179	International Union of Basic and Clinical Pharmacology. XCVII. G Protein-Coupled Estrogen Receptor and Its Pharmacologic Modulators. <i>Pharmacological Reviews</i> , 2015 , 67, 505-40	22.5	168
178	Estrogen biology: new insights into GPER function and clinical opportunities. <i>Molecular and Cellular Endocrinology</i> , 2014 , 389, 71-83	4.4	256
177	Endothelin-1 but not angiotensin II contributes to functional aging in murine carotid arteries. <i>Life Sciences</i> , 2014 , 118, 213-8	6.8	13
176	G protein-coupled estrogen receptor regulates mammary tumorigenesis and metastasis. <i>Molecular Cancer Research</i> , 2014 , 12, 1644-1654	6.6	62

175	GPER-targeted, 99mTc-labeled, nonsteroidal ligands demonstrate selective tumor imaging and in vivo estrogen binding. <i>Molecular Cancer Research</i> , 2014 , 12, 1635-43	6.6	9
174	GPER mediates estrogen-induced signaling and proliferation in human breast epithelial cells and normal and malignant breast. <i>Hormones and Cancer</i> , 2014 , 5, 146-160	5	60
173	Functional heterogeneity of NADPH oxidase-mediated contractions to endothelin with vascular aging. <i>Life Sciences</i> , 2014 , 118, 226-31	6.8	12
172	G protein-coupled estrogen receptor protects from atherosclerosis. <i>Scientific Reports</i> , 2014 , 4, 7564	4.9	103
171	Endometrial cancer: molecular and cellular basis of tumor development, novel biomarkers and therapeutic agents, and innovative research approaches. <i>Obstetrics and Gynecology International</i> , 2014 , 2014, 710405	2	4
170	Peptidyl arginine deiminase from <i>Porphyromonas gingivalis</i> abolishes anaphylatoxin C5a activity. <i>Journal of Biological Chemistry</i> , 2014 , 289, 32481-7	5.4	63
169	Introduction of D-phenylalanine enhanced the receptor binding affinities of gonadotropin-releasing hormone peptides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 725-30	2.9	2
168	Activation of GPER-1 estradiol receptor downregulates production of testosterone in isolated rat Leydig cells and adult human testis. <i>PLoS ONE</i> , 2014 , 9, e92425	3.7	39
167	The G protein-coupled receptor (GPER/GPR30) activates endothelial nitric oxide synthase (1075.5). <i>FASEB Journal</i> , 2014 , 28, 1075.5	0.9	2
166	GPER deficiency in male mice results in insulin resistance, dyslipidemia, and a proinflammatory state. <i>Endocrinology</i> , 2013 , 154, 4136-45	4.8	118
165	The Concise Guide to PHARMACOLOGY 2013/14: overview. <i>British Journal of Pharmacology</i> , 2013 , 170, 1449-58	8.6	143
164	Influences of hydrocarbon linkers on the receptor binding affinities of gonadotropin-releasing hormone peptides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 5484-7	2.9	8
163	G protein-coupled estrogen receptor-selective ligands modulate endometrial tumor growth. <i>Obstetrics and Gynecology International</i> , 2013 , 2013, 472720	2	106
162	The G protein-coupled estrogen receptor (GPER) agonist G-1 expands the regulatory T-cell population under TH17-polarizing conditions. <i>Journal of Immunotherapy</i> , 2013 , 36, 190-6	5	39
161	Alike but not the same: anatomic heterogeneity of estrogen receptor-mediated vasodilation. <i>Journal of Cardiovascular Pharmacology</i> , 2013 , 62, 22-5	3.1	11
160	Regulation of vascular smooth muscle tone by adipose-derived contracting factor. <i>PLoS ONE</i> , 2013 , 8, e79245	3.7	57
159	GPER regulates endothelin-dependent vascular tone and intracellular calcium. <i>Life Sciences</i> , 2012 , 91, 623-7	6.8	49
158	Synthesis and characterization of tricarbonyl-Re/Tc(II) chelate probes targeting the G protein-coupled estrogen receptor GPER/GPR30. <i>PLoS ONE</i> , 2012 , 7, e46861	3.7	18

157	Deletion of G protein-coupled estrogen receptor increases endothelial vasoconstriction. <i>Hypertension</i> , 2012 , 59, 507-12	8.5	48
156	Mechanisms of estradiol-induced insulin secretion by the G protein-coupled estrogen receptor GPR30/GPER in pancreatic beta-cells. <i>Endocrinology</i> , 2011 , 152, 3030-9	4.8	106
155	Identification of a GPER/GPR30 antagonist with improved estrogen receptor counterselectivity. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2011 , 127, 358-66	5.1	205
154	The G-protein-coupled estrogen receptor GPER in health and disease. <i>Nature Reviews Endocrinology</i> , 2011 , 7, 715-26	15.2	562
153	Vasodilation in response to the GPR30 agonist G-1 is not different from estradiol in the mRen2.Lewis female rat. <i>Journal of Cardiovascular Pharmacology</i> , 2011 , 57, 598-603	3.1	84
152	Induction of interleukin-10 in the T helper type 17 effector population by the G protein coupled estrogen receptor (GPER) agonist G-1. <i>Immunology</i> , 2011 , 134, 93-106	7.8	59
151	Obesity, insulin resistance and diabetes: sex differences and role of oestrogen receptors. <i>Acta Physiologica</i> , 2011 , 203, 259-69	5.6	190
150	The G protein-coupled estrogen receptor GPER/GPR30 as a regulator of cardiovascular function. <i>Vascular Pharmacology</i> , 2011 , 55, 17-25	5.9	116
149	Synthesis and evaluation of novel gonadotropin-releasing hormone receptor-targeting peptides. <i>Bioconjugate Chemistry</i> , 2011 , 22, 1682-9	6.3	23
148	GPR30 expression is required for the mineralocorticoid receptor-independent rapid vascular effects of aldosterone. <i>Hypertension</i> , 2011 , 57, 442-51	8.5	185
147	Mesothelin and GPR30 staining among a spectrum of pancreatic epithelial neoplasms. <i>International Journal of Surgical Pathology</i> , 2011 , 19, 588-96	1.2	19
146	Full characterization of GPCR monomer-dimer dynamic equilibrium by single molecule imaging. <i>Journal of Cell Biology</i> , 2011 , 192, 463-80	7.3	268
145	Activation of G protein-coupled estrogen receptor induces endothelium-independent relaxation of coronary artery smooth muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011 , 301, E882-8	6	68
144	GPER/GPR30 and Regulation of Vascular Tone and Blood Pressure. <i>Immunology, Endocrine and Metabolic Agents in Medicinal Chemistry</i> , 2011 , 11, 255-261		17
143	The mechanism of activation of G-protein coupled estrogen receptor induced coronary artery smooth muscle relaxation. <i>FASEB Journal</i> , 2011 , 25, 1009.5	0.9	
142	Insulin-like growth factor 2 expression modulates Taxol resistance and is a candidate biomarker for reduced disease-free survival in ovarian cancer. <i>Clinical Cancer Research</i> , 2010 , 16, 2999-3010	12.9	76
141	Membrane estrogen receptors stimulate intracellular calcium release and progesterone synthesis in hypothalamic astrocytes. <i>Journal of Neuroscience</i> , 2010 , 30, 12950-7	6.6	146
140	Dilation of epicardial coronary arteries by the G protein-coupled estrogen receptor agonists G-1 and ICI 182,780. <i>Pharmacology</i> , 2010 , 86, 58-64	2.3	93

139	The G protein-coupled receptor GPR30 inhibits proliferation of estrogen receptor-positive breast cancer cells. <i>Cancer Research</i> , 2010 , 70, 1184-94	10.1	183
138	Lung cancer and hormone replacement therapy. <i>Lancet, The</i> , 2010 , 375, 117-8; author reply 118-9	4.0	
137	Synthesis and characterization of iodinated tetrahydroquinolines targeting the G protein-coupled estrogen receptor GPR30. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 1004-14	8.3	43
136	Influence of charge on cell permeability and tumor imaging of GPR30-targeted ¹¹¹ In-labeled nonsteroidal imaging agents. <i>ACS Chemical Biology</i> , 2010 , 5, 681-90	4.9	17
135	Highly efficient synthesis and characterization of the GPR30-selective agonist G-1 and related tetrahydroquinoline analogs. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 2252-9	3.9	37
134	2P228 Dimer-monomer equilibrium of a GPCR : direct dimer detection by single-molecule bimolecular fluorescence complementation (SM-BiFC)(The 48th Annual Meeting of the Biophysical Society of Japan). <i>Seibutsu Butsuri</i> , 2010 , 50, S122-S123	0	
133	GPR30 and estrogen receptor expression: new insights into hormone dependence of inflammatory breast cancer. <i>Breast Cancer Research and Treatment</i> , 2010 , 123, 51-8	4.4	60
132	Co-expression of GPR30 and ERbeta and their association with disease progression in uterine carcinosarcoma. <i>American Journal of Obstetrics and Gynecology</i> , 2010 , 203, 242.e1-5	6.4	27
131	Expression of G protein-coupled receptor 30 in the spinal somatosensory system. <i>Brain Research</i> , 2010 , 1310, 17-28	3.7	31
130	Detection of intracellular granularity induction in prostate cancer cell lines by small molecules using the HyperCyt high-throughput flow cytometry system. <i>Journal of Biomolecular Screening</i> , 2009 , 14, 596-609		22
129	Regulatory role of G protein-coupled estrogen receptor for vascular function and obesity. <i>Circulation Research</i> , 2009 , 104, 288-91	15.7	269
128	Discovery of selective probes and antagonists for G-protein-coupled receptors FPR/FPRL1 and GPR30. <i>Current Topics in Medicinal Chemistry</i> , 2009 , 9, 1227-36	3	22
127	Localisation of GPR30, a novel G protein-coupled oestrogen receptor, suggests multiple functions in rodent brain and peripheral tissues. <i>Journal of Endocrinology</i> , 2009 , 202, 223-36	4.7	254
126	Signaling, physiological functions and clinical relevance of the G protein-coupled estrogen receptor GPER. <i>Prostaglandins and Other Lipid Mediators</i> , 2009 , 89, 89-97	3.7	121
125	Beneficial role of the GPR30 agonist G-1 in an animal model of multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2009 , 214, 67-77	3.5	135
124	GPR30 predicts poor survival for ovarian cancer. <i>Gynecologic Oncology</i> , 2009 , 114, 465-71	4.9	159
123	Estrogen and progesterone receptor status and outcome in epithelial ovarian cancers and low malignant potential tumors. <i>Gynecologic Oncology</i> , 2009 , 114, 480-5	4.9	38
122	Duplex high-throughput flow cytometry screen identifies two novel formylpeptide receptor family probes. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2009 , 75, 253-63	4.6	27

121	A novel fluorescent cross-reactive formylpeptide receptor/formylpeptide receptor-like 1 hexapeptide ligand. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2009 , 75, 264-70	4.6	8
120	Expression of estrogen receptor GPR30 in the rat spinal cord and in autonomic and sensory ganglia. <i>Journal of Neuroscience Research</i> , 2009 , 87, 1610-9	4.4	72
119	In vivo effects of a GPR30 antagonist. <i>Nature Chemical Biology</i> , 2009 , 5, 421-7	11.7	402
118	Adaptor protein-2 interaction with arrestin regulates GPCR recycling and apoptosis. <i>Traffic</i> , 2009 , 10, 1286-300	5.7	24
117	Effect of DOTA position on melanoma targeting and pharmacokinetic properties of ¹¹¹ In-labeled lactam bridge-cyclized alpha-melanocyte stimulating hormone peptide. <i>Bioconjugate Chemistry</i> , 2009 , 20, 2162-8	6.3	30
116	Extra-nuclear estrogen receptor GPR30 regulates serotonin function in rat hypothalamus. <i>Neuroscience</i> , 2009 , 158, 1599-607	3.9	81
115	Non-genomic regulation of vascular cell function and growth by estrogen. <i>Molecular and Cellular Endocrinology</i> , 2009 , 308, 9-16	4.4	91
114	Mechanisms of estrogen signaling and gene expression via GPR30. <i>Molecular and Cellular Endocrinology</i> , 2009 , 308, 32-8	4.4	279
113	1TA3-09 First determination of the dimer dissociation constant of GPCR in the living cell membrane by single-molecule imaging(The 47th Annual Meeting of the Biophysical Society of Japan). <i>Seibutsu Butsuri</i> , 2009 , 49, S29	0	
112	High-content screening: flow cytometry analysis. <i>Methods in Molecular Biology</i> , 2009 , 486, 151-65	1.4	26
111	Estrogen signaling through the transmembrane G protein-coupled receptor GPR30. <i>Annual Review of Physiology</i> , 2008 , 70, 165-90	23.1	474
110	Expression and intracellular distribution of the G protein-coupled receptor 30 in rat hippocampal formation. <i>Neuroscience Letters</i> , 2008 , 441, 94-9	3.3	100
109	Enhancement of somatostatin-receptor-targeted (¹⁷⁷ Lu-[DOTA(0)-Tyr(3)]-octreotide therapy by gemcitabine pretreatment-mediated receptor uptake, up-regulation and cell cycle modulation. <i>Nuclear Medicine and Biology</i> , 2008 , 35, 673-8	2.1	21
108	GPR30: a novel therapeutic target in estrogen-related disease. <i>Trends in Pharmacological Sciences</i> , 2008 , 29, 116-23	13.2	110
107	The ins and outs of GPR30: a transmembrane estrogen receptor. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2008 , 109, 350-3	5.1	129
106	Preclinical development of a neutral, estrogen receptor-targeted, tridentate ^{99m} Tc(I)-estradiol-pyridin-2-yl hydrazine derivative for imaging of breast and endometrial cancers. <i>Journal of Nuclear Medicine</i> , 2008 , 49, 978-86	8.9	46
105	The G protein-coupled receptor GPR30 inhibits human urothelial cell proliferation. <i>Endocrinology</i> , 2008 , 149, 4024-34	4.8	56
104	G protein-coupled receptor 30 expression is required for estrogen stimulation of primordial follicle formation in the hamster ovary. <i>Endocrinology</i> , 2008 , 149, 4452-61	4.8	80

103	G-protein-coupled receptor 30 and estrogen receptor-alpha are involved in the proliferative effects induced by atrazine in ovarian cancer cells. <i>Environmental Health Perspectives</i> , 2008 , 116, 1648-55	8.4	90
102	A multifunctional androgen receptor screening assay using the high-throughput Hypercyt flow cytometry system. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2008 , 73, 390-9	4.6	16
101	1P-191 Dimers of formyl peptide receptor, a GPCR, exist under physiological conditions : a study using single-molecule tracking(The 46th Annual Meeting of the Biophysical Society of Japan). <i>Seibutsu Butsuri</i> , 2008 , 48, S51	0	
100	Synthetic estrogen derivatives demonstrate the functionality of intracellular GPR30. <i>ACS Chemical Biology</i> , 2007 , 2, 536-44	4.9	129
99	Rapid-mix flow cytometry measurements of subsecond regulation of G protein-coupled receptor ternary complex dynamics by guanine nucleotides. <i>Analytical Biochemistry</i> , 2007 , 371, 10-20	3.1	9
98	GPR30: a novel indicator of poor survival for endometrial carcinoma. <i>American Journal of Obstetrics and Gynecology</i> , 2007 , 196, 386.e1-9; discussion 386.e9-11	6.4	160
97	Expression of G protein-coupled receptor-30, a G protein-coupled membrane estrogen receptor, in oxytocin neurons of the rat paraventricular and supraoptic nuclei. <i>Endocrinology</i> , 2007 , 148, 5842-50	4.8	120
96	High-throughput flow cytometry for drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2007 , 2, 685-96	6.2	28
95	Some mechanistic insights into GPCR activation from detergent-solubilized ternary complexes on beads. <i>Advances in Protein Chemistry</i> , 2007 , 74, 95-135		12
94	Expression of G protein-coupled receptor 30 in the hamster ovary: differential regulation by gonadotropins and steroid hormones. <i>Endocrinology</i> , 2007 , 148, 4853-64	4.8	77
93	Activated N-formyl peptide receptor and high-affinity IgE receptor occupy common domains for signaling and internalization. <i>Molecular Biology of the Cell</i> , 2007 , 18, 1410-20	3.5	17
92	Distribution and characterization of estrogen receptor G protein-coupled receptor 30 in the rat central nervous system. <i>Journal of Endocrinology</i> , 2007 , 193, 311-21	4.7	387
91	G protein-coupled receptor 30 (GPR30) mediates gene expression changes and growth response to 17beta-estradiol and selective GPR30 ligand G-1 in ovarian cancer cells. <i>Cancer Research</i> , 2007 , 67, 1859-66	10.1	340
90	3P206 Single-molecule tracking revealed the complete kinetics of a GPCR monomer-dimer dynamic equilibrium(Cell biological problems-adhesion, mobility, cytoskeleton, signaling, and membrane. Water and hydration. Electrolytes,Oral Presentations). <i>Seibutsu Butsuri</i> , 2007 , 47, S254	0	
89	S01H1 Direct determination of monomer-dimer dynamic equilibrium of a GPCR by a single fluorescent-molecule tracking(Systems Biology of Intracellular Signaling as Studied by Single-Molecule Imaging). <i>Seibutsu Butsuri</i> , 2007 , 47, S1	0	
88	Somatostatin-receptor-targeted alpha-emitting 213Bi is therapeutically more effective than beta(-)-emitting 177Lu in human pancreatic adenocarcinoma cells. <i>Nuclear Medicine and Biology</i> , 2007 , 34, 185-93	2.1	54
87	GPR30: A G protein-coupled receptor for estrogen. <i>Molecular and Cellular Endocrinology</i> , 2007 , 265-266, 138-42	4.4	218
86	Glutathione-S-transferase-green fluorescent protein fusion protein reveals slow dissociation from high site density beads and measures free GSH. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2006 , 69, 326-34	4.6	19

85	Steroid-binding G-protein-coupled receptors: new drug discovery targets for old ligands. <i>Expert Opinion on Drug Discovery</i> , 2006 , 1, 137-50	6.2	6
84	G protein-coupled receptors serve as mechanosensors for fluid shear stress in neutrophils. <i>American Journal of Physiology - Cell Physiology</i> , 2006 , 290, C1633-9	5.4	89
83	Regulation of N-formyl peptide receptor signaling and trafficking by individual carboxyl-terminal serine and threonine residues. <i>Journal of Immunology</i> , 2006 , 176, 5418-25	5.3	22
82	Screening for caspase-3 inhibitors: a new class of potent small-molecule inhibitors of caspase-3. <i>Journal of Biomolecular Screening</i> , 2006 , 11, 277-85		14
81	Integration of virtual and physical screening. <i>Drug Discovery Today: Technologies</i> , 2006 , 3, 377-385	7.1	18
80	Linkage effects on binding affinity and activation of GPR30 and estrogen receptors ERalpha/beta with tridentate pyridin-2-yl hydrazine tricarbonyl-Re/(99m)Tc(I) chelates. <i>Journal of the American Chemical Society</i> , 2006 , 128, 14476-7	16.4	36
79	Virtual and biomolecular screening converge on a selective agonist for GPR30. <i>Nature Chemical Biology</i> , 2006 , 2, 207-12	11.7	644
78	Biomolecular screening of formylpeptide receptor ligands with a sensitive, quantitative, high-throughput flow cytometry platform. <i>Nature Protocols</i> , 2006 , 1, 59-66	18.8	28
77	G Protein-coupled Receptor as a Mechanosensor for Fluid Shear in Neutrophil. <i>FASEB Journal</i> , 2006 , 20, A281	0.9	
76	Expression of a Novel Estrogen Receptor, GPR30, During Development and Differentiation. <i>FASEB Journal</i> , 2006 , 20, A882	0.9	
75	A transmembrane intracellular estrogen receptor mediates rapid cell signaling. <i>Science</i> , 2005 , 307, 1625-30	39.3	1779
74	Conformational differences between arrestin2 and pre-activated mutants as revealed by hydrogen exchange mass spectrometry. <i>Journal of Molecular Biology</i> , 2005 , 351, 865-78	6.5	44
73	High-Throughput Flow Cytometry 2005 , 185-226		
72	Inhibition of chemoattractant N-formyl peptide receptor trafficking by active arrestins. <i>Traffic</i> , 2005 , 6, 87-99	5.7	19
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