

Eric R Prossnitz

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228
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h-index

125
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239
ext. papers

18,561
ext. citations

5.8
avg, IF

6.7
L-index

#	Paper	IF	Citations
228	A transmembrane intracellular estrogen receptor mediates rapid cell signaling. <i>Science</i> , 2005 , 307, 1625-30	33.3	1779
227	Virtual and biomolecular screening converge on a selective agonist for GPR30. <i>Nature Chemical Biology</i> , 2006 , 2, 207-12	11.7	644
226	The G-protein-coupled estrogen receptor GPER in health and disease. <i>Nature Reviews Endocrinology</i> , 2011 , 7, 715-26	15.2	562
225	Estrogen signaling through the transmembrane G protein-coupled receptor GPR30. <i>Annual Review of Physiology</i> , 2008 , 70, 165-90	23.1	474
224	In vivo effects of a GPR30 antagonist. <i>Nature Chemical Biology</i> , 2009 , 5, 421-7	11.7	402
223	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
222	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
221	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
220	Mechanisms of estrogen signaling and gene expression via GPR30. <i>Molecular and Cellular Endocrinology</i> , 2009 , 308, 32-8	4.4	279
219	Regulatory role of G protein-coupled estrogen receptor for vascular function and obesity. <i>Circulation Research</i> , 2009 , 104, 288-91	15.7	269
218	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
217	Estrogen biology: new insights into GPER function and clinical opportunities. <i>Molecular and Cellular Endocrinology</i> , 2014 , 389, 71-83	4.4	256
216	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
215	The N-formyl peptide receptor: a model for the study of chemoattractant receptor structure and function 1997 , 74, 73-102		219
214	GPR30: A G protein-coupled receptor for estrogen. <i>Molecular and Cellular Endocrinology</i> , 2007 , 265-266, 138-42	4.4	218
213	The Concise Guide to PHARMACOLOGY 2015/16: Overview. <i>British Journal of Pharmacology</i> , 2015 , 172, 5729-43	8.6	207
212	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

211	Obesity, insulin resistance and diabetes: sex differences and role of oestrogen receptors. <i>Acta Physiologica</i> , 2011 , 203, 259-69	5.6	190
210	GPR30 expression is required for the mineralocorticoid receptor-independent rapid vascular effects of aldosterone. <i>Hypertension</i> , 2011 , 57, 442-51	8.5	185
209	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
208	Flow cytometry for high-throughput, high-content screening. <i>Current Opinion in Chemical Biology</i> , 2004 , 8, 392-8	9.7	180
207	Chemotaxis inhibitory protein of Staphylococcus aureus binds specifically to the C5a and formylated peptide receptor. <i>Journal of Immunology</i> , 2004 , 172, 6994-7001	5.3	178
206	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
205	Characterization of a human cDNA that encodes a functional receptor for platelet activating factor. <i>Biochemical and Biophysical Research Communications</i> , 1991 , 180, 105-11	3.4	167
204	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
203	GPR30 predicts poor survival for ovarian cancer. <i>Gynecologic Oncology</i> , 2009 , 114, 465-71	4.9	159
202	Isolation of a cDNA that encodes a novel granulocyte N-formyl peptide receptor. <i>Biochemical and Biophysical Research Communications</i> , 1992 , 184, 582-9	3.4	154
201	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
200	The Concise Guide to PHARMACOLOGY 2013/14: overview. <i>British Journal of Pharmacology</i> , 2013 , 170, 1449-58	8.6	143
199	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
198	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
197	Synthetic estrogen derivatives demonstrate the functionality of intracellular GPR30. <i>ACS Chemical Biology</i> , 2007 , 2, 536-44	4.9	129
196	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
195	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
194	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

193	Bradykinin stimulates NF-kappaB activation and interleukin 1beta gene expression in cultured human fibroblasts. <i>Journal of Clinical Investigation</i> , 1996 , 98, 2042-9	15.9	120
192	GPER deficiency in male mice results in insulin resistance, dyslipidemia, and a proinflammatory state. <i>Endocrinology</i> , 2013 , 154, 4136-45	4.8	118
191	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
190	Investigation of neutrophil signal transduction using a specific inhibitor of phosphatidylinositol 3-kinase. <i>Journal of Immunology</i> , 1995 , 154, 2413-22	5.3	115
189	FRET detection of cellular alpha4-integrin conformational activation. <i>Biophysical Journal</i> , 2003 , 85, 3951-62	5.2	111
188	Real time analysis of the affinity regulation of alpha 4-integrin. The physiologically activated receptor is intermediate in affinity between resting and Mn(2+) or antibody activation. <i>Journal of Biological Chemistry</i> , 2001 , 276, 48670-8	5.4	111
187	GPR30: a novel therapeutic target in estrogen-related disease. <i>Trends in Pharmacological Sciences</i> , 2008 , 29, 116-23	13.2	110
186	G protein-coupled estrogen receptor-selective ligands modulate endometrial tumor growth. <i>Obstetrics and Gynecology International</i> , 2013 , 2013, 472720	2	106
185	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
184	G protein-coupled estrogen receptor protects from atherosclerosis. <i>Scientific Reports</i> , 2014 , 4, 7564	4.9	103
183	Arrestins block G protein-coupled receptor-mediated apoptosis. <i>Journal of Biological Chemistry</i> , 2004 , 279, 24578-84	5.4	103
182	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
181	A tyrosine kinase signaling pathway accounts for the majority of phosphatidylinositol 3,4,5-trisphosphate formation in chemoattractant-stimulated human neutrophils. <i>Journal of Biological Chemistry</i> , 1996 , 271, 25204-7	5.4	98
180	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
179	Non-genomic regulation of vascular cell function and growth by estrogen. <i>Molecular and Cellular Endocrinology</i> , 2009 , 308, 9-16	4.4	91
178	Phosphorylation of the N-formyl peptide receptor carboxyl terminus by the G protein-coupled receptor kinase, GRK2. <i>Journal of Biological Chemistry</i> , 1995 , 270, 1130-7	5.4	91
177	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
176	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

175	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
174	Multiple domains of the N-formyl peptide receptor are required for high-affinity ligand binding. Construction and analysis of chimeric N-formyl peptide receptors. <i>Journal of Biological Chemistry</i> , 1993 , 268, 18167-75	5.4	88
173	Integration of virtual screening with high-throughput flow cytometry to identify novel small molecule formylpeptide receptor antagonists. <i>Molecular Pharmacology</i> , 2005 , 68, 1301-10	4.3	86
172	N-formyl peptide receptors internalize but do not recycle in the absence of arrestins. <i>Journal of Biological Chemistry</i> , 2003 , 278, 41581-4	5.4	85
171	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
170	Extra-nuclear estrogen receptor GPR30 regulates serotonin function in rat hypothalamus. <i>Neuroscience</i> , 2009 , 158, 1599-607	3.9	81
169	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
168	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
167	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
166	Emerging roles of GPER in diabetes and atherosclerosis. <i>Trends in Endocrinology and Metabolism</i> , 2015 , 26, 185-92	8.8	73
165	Flow cytometric analysis of ligand-receptor interactions and molecular assemblies. <i>Annual Review of Biophysics and Biomolecular Structure</i> , 2002 , 31, 97-119		73
164	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
163	Reconstitution of the histidine periplasmic transport system in membrane vesicles. Energy coupling and interaction between the binding protein and the membrane complex. <i>Journal of Biological Chemistry</i> , 1989 , 264, 5006-14	5.4	71
162	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
161	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
160	cDNA cloning of a novel G protein-coupled receptor with a large extracellular loop structure. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1996 , 1305, 39-43		68
159	Dexas1/AGS-1 inhibits signal transduction from the Gi-coupled formyl peptide receptor to Erk-1/2 MAP kinases. <i>Journal of Biological Chemistry</i> , 2002 , 277, 10876-82	5.4	67
158	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

157	G protein-coupled estrogen receptor regulates mammary tumorigenesis and metastasis. <i>Molecular Cancer Research</i> , 2014 , 12, 1644-1654	6.6	62
156	Arrestin binding to the G protein-coupled N-formyl peptide receptor is regulated by the conserved "DRY" sequence. <i>Journal of Biological Chemistry</i> , 2000 , 275, 24590-4	5.4	62
155	Formaldehyde and photoactivatable cross-linking of the periplasmic binding protein to a membrane component of the histidine transport system of <i>Salmonella typhimurium</i> . <i>Journal of Biological Chemistry</i> , 1988 , 263, 17917-20	5.4	62
154	Alpha4beta1 integrin affinity changes govern cell adhesion. <i>Journal of Biological Chemistry</i> , 2003 , 278, 38174-82	5.4	61
153	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
152	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
151	Undifferentiated U937 cells transfected with chemoattractant receptors: a model system to investigate chemotactic mechanisms and receptor structure/function relationships. <i>Journal of Leukocyte Biology</i> , 1997 , 61, 329-37	6.5	60
150	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
149	Desensitization of N-formylpeptide receptor-mediated activation is dependent upon receptor phosphorylation. <i>Journal of Biological Chemistry</i> , 1997 , 272, 15213-9	5.4	59
148	Domains of the human neutrophil N-formyl peptide receptor involved in G protein coupling. Mapping with receptor-derived peptides. <i>Journal of Biological Chemistry</i> , 1994 , 269, 326-31	5.4	58
147	Regulation of vascular smooth muscle tone by adipose-derived contracting factor. <i>PLoS ONE</i> , 2013 , 8, e79245	3.7	57
146	Cell type- and developmental stage-specific activation of NF-kappaB by fMet-Leu-Phe in myeloid cells. <i>Journal of Biological Chemistry</i> , 1997 , 272, 7995-8001	5.4	57
145	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
144	The G protein-coupled receptor GPR30 inhibits human urothelial cell proliferation. <i>Endocrinology</i> , 2008 , 149, 4024-34	4.8	56
143	High-throughput screening with HyperCyt flow cytometry to detect small molecule formylpeptide receptor ligands. <i>Journal of Biomolecular Screening</i> , 2005 , 10, 374-82		56
142	Phosphorylation of the N-formyl peptide receptor is required for receptor internalization but not chemotaxis. <i>Journal of Biological Chemistry</i> , 1997 , 272, 29426-9	5.4	55
141	Somatostatin-receptor-targeted alpha-emitting ²¹³ Bi is therapeutically more effective than beta(-)-emitting ¹⁷⁷ Lu in human pancreatic adenocarcinoma cells. <i>Nuclear Medicine and Biology</i> , 2007 , 34, 185-93	2.1	54
140	Role of the intercistronic region in post-transcriptional control of gene expression in the histidine transport operon of <i>Salmonella typhimurium</i> : involvement of REP sequences. <i>Molecular Microbiology</i> , 1988 , 2, 141-52	4.1	54

139	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
138	Flow cytometry: a versatile tool for all phases of drug discovery. <i>Drug Discovery Today</i> , 1999 , 4, 173-180	8.8	53
137	Internalization of the human N-formyl peptide and C5a chemoattractant receptors occurs via clathrin-independent mechanisms. <i>Biochemistry</i> , 2001 , 40, 3467-75	3.2	52
136	Absence of G(i) proteins in the Sf9 insect cell. Characterization of the uncoupled recombinant N-formyl peptide receptor. <i>Journal of Biological Chemistry</i> , 1992 , 267, 19757-60	5.4	51
135	GPHER regulates endothelin-dependent vascular tone and intracellular calcium. <i>Life Sciences</i> , 2012 , 91, 623-7	6.8	49
134	Conformational regulation of alpha 4 beta 1-integrin affinity by reducing agents. "Inside-out" signaling is independent of and additive to reduction-regulated integrin activation. <i>Journal of Biological Chemistry</i> , 2004 , 279, 32435-43	5.4	49
133	Deletion of G protein-coupled estrogen receptor increases endothelial vasoconstriction. <i>Hypertension</i> , 2012 , 59, 507-12	8.5	48
132	Differential phosphorylation paradigms dictate desensitization and internalization of the N-formyl peptide receptor. <i>Journal of Biological Chemistry</i> , 1999 , 274, 29791-5	5.4	47
131	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
130	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
129	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
128	G-Protein-Coupled Estrogen Receptor (GPHER) and Sex-Specific Metabolic Homeostasis. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 1043, 427-453	3.6	43
127	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
126	Analysis of free intracellular calcium by flow cytometry: multiparameter and pharmacologic applications. <i>Methods</i> , 2000 , 21, 221-30	4.6	43
125	Obligatory role for GPHER in cardiovascular aging and disease. <i>Science Signaling</i> , 2016 , 9, ra105	8.8	42
124	N-formyl peptide receptor phosphorylation domains differentially regulate arrestin and agonist affinity. <i>Journal of Biological Chemistry</i> , 2003 , 278, 4041-7	5.4	42
123	Novel roles for arrestins in the post-endocytic trafficking of G protein-coupled receptors. <i>Life Sciences</i> , 2004 , 75, 893-9	6.8	42
122	Transmembrane signalling by the N-formyl peptide receptor in stably transfected fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 1991 , 179, 471-6	3.4	42

121	Signal transducing properties of the N-formyl peptide receptor expressed in undifferentiated HL60 cells. <i>Journal of Immunology</i> , 1993 , 151, 5704-15	5-3	42
120	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
119	Multiple activation steps of the N-formyl peptide receptor. <i>Biochemistry</i> , 1999 , 38, 2240-7	3-2	39
118	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
117	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
116	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
115	Regulation of formyl peptide receptor agonist affinity by reconstitution with arrestins and heterotrimeric G proteins. <i>Journal of Biological Chemistry</i> , 2001 , 276, 49204-12	5-4	37
114	Binding of low affinity N-formyl peptide receptors to G protein. Characterization of a novel inactive receptor intermediate. <i>Journal of Biological Chemistry</i> , 1995 , 270, 10686-94	5-4	37
113	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
112	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
111	Partial phosphorylation of the N-formyl peptide receptor inhibits G protein association independent of arrestin binding. <i>Journal of Biological Chemistry</i> , 2001 , 276, 49195-203	5-4	36
110	Ligand-receptor-G-protein molecular assemblies on beads for mechanistic studies and screening by flow cytometry. <i>Molecular Pharmacology</i> , 2003 , 64, 1227-38	4-3	35
109	Cloning and functional characterization of the mouse C3a anaphylatoxin receptor gene. <i>Immunogenetics</i> , 1997 , 47, 64-72	3-2	33
108	The rabbit neutrophil N-formyl peptide receptor. cDNA cloning, expression, and structure/function implications. <i>Journal of Immunology</i> , 1993 , 150, 1383-94	5-3	33
107	GPER/GPR30 Knockout Mice: Effects of GPER on Metabolism. <i>Methods in Molecular Biology</i> , 2016 , 1366, 489-502	1-4	32
106	Expression of G protein-coupled receptor 30 in the spinal somatosensory system. <i>Brain Research</i> , 2010 , 1310, 17-28	3-7	31
105	N-formyl peptide receptors cluster in an active raft-associated state prior to phosphorylation. <i>Journal of Biological Chemistry</i> , 2004 , 279, 45175-84	5-4	31
104	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

103	Real-time analysis of G protein-coupled receptor reconstitution in a solubilized system. <i>Journal of Biological Chemistry</i> , 2001 , 276, 22453-60	5.4	30
102	Identification of an N-formyl peptide receptor ligand binding domain by a gain-of-function approach. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 238, 377-81	3.4	28
101	High-throughput flow cytometry for drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2007 , 2, 685-96	6.2	28
100	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
99	Techniques: GPCR assembly, pharmacology and screening by flow cytometry. <i>Trends in Pharmacological Sciences</i> , 2004 , 25, 663-9	13.2	28
98	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
97	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
96	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
95	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
94	Solubilization and display of G protein-coupled receptors on beads for real-time fluorescence and flow cytometric analysis. <i>BioTechniques</i> , 2000 , 28, 976-80, 982-5	2.5	27
93	G protein-coupled estrogen receptor inhibits vascular prostanoid production and activity. <i>Journal of Endocrinology</i> , 2015 , 227, 61-9	4.7	26
92	Real-time analysis of ternary complex on particles: direct evidence for partial agonism at the agonist-receptor-G protein complex assembly step of signal transduction. <i>Journal of Biological Chemistry</i> , 2004 , 279, 13514-21	5.4	26
91	High-content screening: flow cytometry analysis. <i>Methods in Molecular Biology</i> , 2009 , 486, 151-65	1.4	26
90	Adaptor protein-2 interaction with arrestin regulates GPCR recycling and apoptosis. <i>Traffic</i> , 2009 , 10, 1286-300	5.7	24
89	Synthesis and evaluation of novel gonadotropin-releasing hormone receptor-targeting peptides. <i>Bioconjugate Chemistry</i> , 2011 , 22, 1682-9	6.3	23
88	Estrogen-mediated inactivation of FOXO3a by the G protein-coupled estrogen receptor GPER. <i>BMC Cancer</i> , 2015 , 15, 702	4.8	22
87	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
86	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

85	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
84	High-throughput microfluidic mixing and multiparametric cell sorting for bioactive compound screening. <i>Journal of Biomolecular Screening</i> , 2004 , 9, 103-11		22
83	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
82	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
81	Post-high-throughput screening analysis: an empirical compound prioritization scheme. <i>Journal of Biomolecular Screening</i> , 2005 , 10, 419-26		21
80	Arrestin variants display differential binding characteristics for the phosphorylated N-formyl peptide receptor carboxyl terminus. <i>Journal of Biological Chemistry</i> , 2002 , 277, 8970-8	5.4	21
79	Breast cancer survival, survival disparities, and guideline-based treatment. <i>Breast Cancer Research and Treatment</i> , 2018 , 170, 405-414	4.4	20
78	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
77	Plug flow cytometry extends analytical capabilities in cell adhesion and receptor pharmacology. <i>Cytometry</i> , 2001 , 43, 211-6		20
76	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
75	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
74	High throughput screening of G-protein coupled receptors via flow cytometry. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2003 , 6, 389-97	1.3	19
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