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Cooperativity and dimerization of recombinant human estrogen receptor hormone-binding domain

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#	Paper	IF	Citations
42	Intermolecular NH ₂ -/carboxyl-terminal interactions in androgen receptor dimerization revealed by mutations that cause androgen insensitivity. <i>Journal of Biological Chemistry</i> , 1998 , 273, 92-101	5.4	182
41	An assay for the detection of xenoestrogens based on a promoter containing overlapping EREs. <i>Environmental Health Perspectives</i> , 1999 , 107, 563-6	8.4	13
40	Phosphorylation-induced dimerization of interferon regulatory factor 7 unmasks DNA binding and a bipartite transactivation domain. <i>Molecular and Cellular Biology</i> , 2000 , 20, 8803-14	4.8	123
39	Interactions between androgen and estrogen receptors and the effects on their transactivational properties. <i>Molecular and Cellular Endocrinology</i> , 2000 , 167, 139-50	4.4	167
38	Androgen binding profiles of two distinct nuclear androgen receptors in Atlantic croaker (<i>Micropogonias undulatus</i>). <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2000 , 73, 93-103	5.1	54
37	Identification and characterization of estrogen receptor variants in prostate cancer cell lines. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2000 , 75, 21-31	5.1	25
36	A single d(GpG) cisplatin adduct on the estrogen response element decreases the binding of the estrogen receptor. <i>FEBS Letters</i> , 2000 , 466, 49-53	3.8	3
35	Interaction of transcriptional intermediary factor 2 nuclear receptor box peptides with the coactivator binding site of estrogen receptor alpha. <i>Journal of Biological Chemistry</i> , 2002 , 277, 21862-8	5.4	137
34	Electrochemical detection of protein-protein interactions using a yeast two hybrid: 17-beta-estradiol as a model. <i>Analytical Biochemistry</i> , 2003 , 317, 34-9	3.1	9
33	Oscillations and patterns in spatially discrete models for developmental intercellular signalling. <i>Journal of Mathematical Biology</i> , 2004 , 48, 444-76	2	52
32	A genetic, non-transcriptional assay for nuclear receptor ligand binding in yeast. <i>Gene</i> , 2004 , 337, 113-9	3.8	4
31	Development of a novel method for screening of estrogenic compounds using nano-sized bacterial magnetic particles displaying estrogen receptor. <i>Analytica Chimica Acta</i> , 2005 , 532, 105-111	6.6	43
30	Distributed robustness versus redundancy as causes of mutational robustness. <i>BioEssays</i> , 2005 , 27, 176-88	4.1	216
29	Novel biosensors for the detection of estrogen receptor ligands. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2005 , 96, 235-44	5.1	29
28	Potential of the FES-hERL PET reporter gene system -- basic evaluation for gene therapy monitoring. <i>Nuclear Medicine and Biology</i> , 2006 , 33, 145-51	2.1	27
27	Unique properties of coactivator recruitment caused by differential binding of FK614, an anti-diabetic agent, to peroxisome proliferator-activated receptor gamma. <i>Biological and Pharmaceutical Bulletin</i> , 2006 , 29, 423-9	2.3	24
26	Cytotoxic small molecule dimers and their inhibitory activity against human breast cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 5063-7	2.9	6

25	The multifunctional estrogen receptor-alpha F domain. <i>Endocrine</i> , 2008 , 33, 1-8	4	21
24	Monitoring ligand modulation of protein-protein interactions by mass spectrometry: estrogen receptor alpha-SRC1. <i>Analytical Chemistry</i> , 2008 , 80, 7833-9	7.8	19
23	SUMO-mediated inhibition of glucocorticoid receptor synergistic activity depends on stable assembly at the promoter but not on DAXX. <i>Molecular Endocrinology</i> , 2008 , 22, 2061-75		41
22	Towards high-throughput identification of endocrine disrupting compounds with mass spectrometry. <i>Toxicology in Vitro</i> , 2009 , 23, 704-9	3.6	11
21	Effects of gamma irradiation on the DNA-protein complex between the estrogen response element and the estrogen receptor. <i>Radiation Physics and Chemistry</i> , 2010 , 79, 880-889	2.5	1
20	Synthesis and crystal structure of a phosphorylated estrogen receptor ligand binding domain. <i>ChemBioChem</i> , 2010 , 11, 2251-4	3.8	46
19	Evolution of herbivory in a carnivorous clade of minnows (teleostei: cyprinidae): effects on gut size and digestive physiology. <i>Physiological and Biochemical Zoology</i> , 2010 , 83, 1-18	2	78
18	A-CD estrogens. I. Substituent effects, hormone potency, and receptor subtype selectivity in a new family of flexible estrogenic compounds. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 433-48	8.3	21
17	Discovery of a protein-metabolite interaction between unsaturated fatty acids and the nuclear receptor Nur77 using a metabolomics approach. <i>Journal of the American Chemical Society</i> , 2011 , 133, 17168-71	16.4	41
16	Structural and thermodynamic consequences of the replacement of zinc with environmental metals on estrogen receptor DNA interactions. <i>Journal of Molecular Recognition</i> , 2011 , 24, 1007-17	2.6	22
15	Structural basis for Ca ²⁺ -induced activation and dimerization of estrogen receptor by calmodulin. <i>Journal of Biological Chemistry</i> , 2012 , 287, 9336-44	5.4	33
14	A model of estrogen-related gene expression reveals non-linear effects in transcriptional response to tamoxifen. <i>BMC Systems Biology</i> , 2012 , 6, 138	3.5	9
13	Nonsteroidal bivalent estrogen ligands: an application of the bivalent concept to the estrogen receptor. <i>ACS Chemical Biology</i> , 2013 , 8, 707-15	4.9	17
12	Translocation of mixed lineage kinase domain-like protein to plasma membrane leads to necrotic cell death. <i>Cell Research</i> , 2014 , 24, 105-21	24.7	500
11	Detektion ligandeninduzierter Konformationsänderungen im Östrogenrezeptor. <i>Angewandte Chemie</i> , 2015 , 127, 4454-4457	3.6	2
10	Monitoring ligand-induced conformational changes for the identification of estrogen receptor agonists and antagonists. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 4379-82	16.4	15
9	The complex interplay between ligand binding and conformational structure of the folate binding protein (folate receptor): Biological perspectives. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015 , 1854, 1249-59	4	6
8	Modeling, Simulating, and Parameter Fitting of Biochemical Kinetic Experiments. <i>SIAM Review</i> , 2016 , 58, 331-353	7.4	3

7	Bivalent Approach for Homodimeric Estradiol Based Ligand: Synthesis and Evaluation for Targeted Theranosis of ER(+) Breast Carcinomas. <i>Bioconjugate Chemistry</i> , 2016 , 27, 961-72	6.3	15
6	ERE-dependent transcription and cell proliferation: Independency of these two processes mediated by the introduction of a sulfone function into the weak estrogen estrothiazine. <i>European Journal of Pharmaceutical Sciences</i> , 2017 , 109, 169-181	5.1	3
5	Exploration of imidazole and imidazopyridine dimers as anticancer agents: Design, synthesis, and structure-activity relationship study. <i>Archiv Der Pharmazie</i> , 2019 , 352, e1900011	4.3	7
4	The Peptide ER α 7p Is a GPER Inverse Agonist that Exerts Antiproliferative Effects in Breast Cancer Cells. <i>Cells</i> , 2019 , 8,	7.9	12
3	Solvent Free Green Protocol for the Synthesis of Anti-Bacterial Schiff Base Dimers. <i>Oriental Journal of Chemistry</i> , 2019 , 35, 1605-1610	0.8	
2	Benzophenone-1 induced aberrant proliferation and metastasis of ovarian cancer cells via activated ER α and Wnt/ β -catenin signaling pathways. <i>Environmental Pollution</i> , 2022 , 292, 118370	9.3	1
1	Cutting Edge: A Conditionally Active Form of STAT6 Can Mimic Certain Effects of IL-4. 1998 , 161, 1074-1077		4