

Geoffrey L Hammond

List of Publications by Citations

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204
papers

8,242
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h-index

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208
ext. papers

8,762
ext. citations

4.8
avg, IF

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L-index

#	Paper	IF	Citations
204	The serum transport of steroid hormones. <i>Endocrine Reviews</i> , 1982 , 38, 457-510		275
203	Molecular properties of corticosteroid binding globulin and the sex-steroid binding proteins. <i>Endocrine Reviews</i> , 1990 , 11, 65-79	27.2	270
202	The association of breast mitogens with mammographic densities. <i>British Journal of Cancer</i> , 2002 , 87, 876-82	8.7	217
201	A role for corticosteroid-binding globulin in delivery of cortisol to activated neutrophils. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1990 , 71, 34-9	5.6	207
200	Primary structure of human corticosteroid binding globulin, deduced from hepatic and pulmonary cDNAs, exhibits homology with serine protease inhibitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1987 , 84, 5153-7	11.5	201
199	A versatile method for the determination of serum cortisol binding globulin and sex hormone binding globulin binding capacities. <i>Clinica Chimica Acta</i> , 1983 , 132, 101-10	6.2	191
198	Diverse roles for sex hormone-binding globulin in reproduction. <i>Biology of Reproduction</i> , 2011 , 85, 431-439	4.9	174
197	Plasma steroid-binding proteins: primary gatekeepers of steroid hormone action. <i>Journal of Endocrinology</i> , 2016 , 230, R13-25	4.7	158
196	Serum concentrations of total and non-protein-bound oestradiol in patients with breast cancer and in normal controls. <i>International Journal of Cancer</i> , 1982 , 29, 17-21	7.5	156
195	Genetic determinants of serum testosterone concentrations in men. <i>PLoS Genetics</i> , 2011 , 7, e1002313	6	148
194	Potential functions of plasma steroid-binding proteins. <i>Trends in Endocrinology and Metabolism</i> , 1995 , 6, 298-304	8.8	145
193	Monosaccharide-induced lipogenesis regulates the human hepatic sex hormone-binding globulin gene. <i>Journal of Clinical Investigation</i> , 2007 , 117, 3979-87	15.9	135
192	Crystal structure of human sex hormone-binding globulin: steroid transport by a laminin G-like domain. <i>EMBO Journal</i> , 2000 , 19, 504-12	13	129
191	Endogenous steroid levels in the human prostate from birth to old age: a comparison of normal and diseased tissues. <i>Journal of Endocrinology</i> , 1978 , 78, 7-19	4.7	127
190	The simultaneous radioimmunoassay of seven steroids in human spermatic and peripheral venous blood. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1977 , 45, 16-24	5.6	121
189	The human sex hormone-binding globulin gene contains exons for androgen-binding protein and two other testicular messenger RNAs. <i>Molecular Endocrinology</i> , 1989 , 3, 1869-76		106
188	Serum steroid binding protein concentrations, distribution of progestogens, and bioavailability of testosterone during treatment with contraceptives containing desogestrel or levonorgestrel. <i>Fertility and Sterility</i> , 1984 , 42, 44-51	4.8	103

187	Molecular studies of corticosteroid binding globulin structure, biosynthesis and function. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1991 , 40, 755-62	5.1	99
186	Serum sex hormone-binding globulin capacity and the percentage of free estradiol in postmenopausal women with and without endometrial carcinoma. A new biochemical basis for the association between obesity and endometrial carcinoma. <i>American Journal of Obstetrics and Gynecology</i> , 1986 , 138, 637-42	6.4	96
185	Corticosteroid-binding globulin, a structural basis for steroid transport and proteinase-triggered release. <i>Journal of Biological Chemistry</i> , 2007 , 282, 29594-603	5.4	92
184	Serum steroids in normal males and patients with prostatic diseases. <i>Clinical Endocrinology</i> , 1978 , 9, 113-21	3.4	84
183	The cDNA-deduced primary structure of human sex hormone-binding globulin and location of its steroid-binding domain. <i>FEBS Letters</i> , 1987 , 215, 100-4	3.8	82
182	Human sex hormone-binding globulin variants associated with hyperandrogenism and ovarian dysfunction. <i>Journal of Clinical Investigation</i> , 2002 , 109, 973-981	15.9	82
181	Testicular degeneration in Huntington disease. <i>Neurobiology of Disease</i> , 2007 , 26, 512-20	7.5	81
180	Human sex hormone-binding globulin gene expression in transgenic mice. <i>Molecular Endocrinology</i> , 1998 , 12, 123-36		81
179	SHBG gene promoter polymorphisms in men are associated with serum sex hormone-binding globulin, androgen and androgen metabolite levels, and hip bone mineral density. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 5029-37	5.6	75
178	Human sex hormone-binding globulin promoter activity is influenced by a (TAAAA)n repeat element within an Alu sequence. <i>Journal of Biological Chemistry</i> , 2001 , 276, 36383-90	5.4	73
177	A liquid-phase immunoradiometric assay (IRMA) for human sex hormone binding globulin (SHBG). <i>The Journal of Steroid Biochemistry</i> , 1985 , 23, 451-60		72
176	Genome wide association identifies common variants at the SERPINA6/SERPINA1 locus influencing plasma cortisol and corticosteroid binding globulin. <i>PLoS Genetics</i> , 2014 , 10, e1004474	6	71
175	Thyroid hormones act indirectly to increase sex hormone-binding globulin production by liver via hepatocyte nuclear factor-4alpha. <i>Journal of Molecular Endocrinology</i> , 2009 , 43, 19-27	4.5	71
174	The ATP-binding cassette transporter 1 mediates lipid efflux from Sertoli cells and influences male fertility. <i>Journal of Lipid Research</i> , 2004 , 45, 1040-50	6.3	70
173	Novel human corticosteroid-binding globulin variant with low cortisol-binding affinity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 361-7	5.6	68
172	Free estradiol in postmenopausal women with and without endometrial cancer. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1981 , 52, 404-8	5.6	67
171	Sex hormone-binding globulin regulation of androgen bioactivity in vivo: validation of the free hormone hypothesis. <i>Scientific Reports</i> , 2016 , 6, 35539	4.9	66
170	Structural analyses of sex hormone-binding globulin reveal novel ligands and function. <i>Molecular and Cellular Endocrinology</i> , 2010 , 316, 13-23	4.4	65

169	Evolving utility of sex hormone-binding globulin measurements in clinical medicine. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2012 , 19, 183-9	4	65
168	Molecular and structural basis of steroid hormone binding and release from corticosteroid-binding globulin. <i>Molecular and Cellular Endocrinology</i> , 2010 , 316, 3-12	4.4	64
167	Reproductive experience alters corticosterone and CBG levels in the rat dam. <i>Physiology and Behavior</i> , 2009 , 96, 108-14	3.5	64
166	¹⁸ F-labeled difluoroestradiols: preparation and preclinical evaluation as estrogen receptor-binding radiopharmaceuticals. <i>Steroids</i> , 2002 , 67, 765-75	2.8	64
165	Sex hormone-binding globulin: gene organization and structure/function analyses. <i>Hormone Research</i> , 1996 , 45, 197-201		64
164	Access of reproductive steroids to target tissues. <i>Obstetrics and Gynecology Clinics of North America</i> , 2002 , 29, 411-23	3.3	62
163	Hepatocyte nuclear factor-4 controls transcription from a TATA-less human sex hormone-binding globulin gene promoter. <i>Journal of Biological Chemistry</i> , 1998 , 273, 34105-14	5.4	62
162	Ontogeny of corticosteroid-binding globulin biosynthesis in the rat. <i>Endocrinology</i> , 1991 , 128, 983-8	4.8	62
161	Distribution and percentages of non-protein bound contraceptive steroids in human serum. <i>The Journal of Steroid Biochemistry</i> , 1982 , 17, 375-80		60
160	Prenatal SSRI exposure alters neonatal corticosteroid binding globulin, infant cortisol levels, and emerging HPA function. <i>Psychoneuroendocrinology</i> , 2012 , 37, 1019-28	5	58
159	Sex hormone-binding globulin/androgen-binding protein: steroid-binding and dimerization domains. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1995 , 53, 543-52	5.1	58
158	Resolution of the human sex hormone-binding globulin dimer interface and evidence for two steroid-binding sites per homodimer. <i>Journal of Biological Chemistry</i> , 2001 , 276, 34453-7	5.4	57
157	Localization of the human sex hormone-binding globulin gene (SHBG) to the short arm of chromosome 17 (17p12----p13). <i>Cytogenetic and Genome Research</i> , 1990 , 54, 65-7	1.9	57
156	Steroid ligands bind human sex hormone-binding globulin in specific orientations and produce distinct changes in protein conformation. <i>Journal of Biological Chemistry</i> , 2002 , 277, 32086-93	5.4	56
155	Sex hormone-binding globulin in fish gills is a portal for sex steroids breached by xenobiotics. <i>Endocrinology</i> , 2008 , 149, 4269-75	4.8	55
154	Serum steroid binding proteins and the bioavailability of estradiol in relation to breast diseases. <i>Journal of the National Cancer Institute</i> , 1985 , 75, 823-9	9.7	55
153	Metal-androgen interrelationships in carcinoma and hyperplasia of the human prostate. <i>Journal of Endocrinology</i> , 1976 , 71, 133-41	4.7	55
152	Estrogen receptor alpha gene polymorphisms are associated with idiopathic premature ovarian failure. <i>Fertility and Sterility</i> , 2008 , 89, 318-24	4.8	54

151	Novel Human Corticosteroid-Binding Globulin Variant with Low Cortisol-Binding Affinity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 361-367	5.6	53
150	Effects of aggressive encounters on plasma corticosteroid-binding globulin and its ligands in white-crowned sparrows. <i>Hormones and Behavior</i> , 2009 , 56, 339-47	3.7	47
149	Interactions between human plasma sex hormone-binding globulin and xenobiotic ligands. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2000 , 75, 167-76	5.1	47
148	Sex hormone-binding globulin--still many questions. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 1985 , 45, 1-6	2	46
147	Organization of the human corticosteroid binding globulin gene and analysis of its 5Rflanking region. <i>Molecular Endocrinology</i> , 1989 , 3, 1448-54		45
146	Physicochemical characteristics of human sex hormone binding globulin: evidence for two identical subunits. <i>The Journal of Steroid Biochemistry</i> , 1986 , 24, 815-24		45
145	Evidence that fibulin family members contribute to the steroid-dependent extravascular sequestration of sex hormone-binding globulin. <i>Journal of Biological Chemistry</i> , 2006 , 281, 15853-61	5.4	43
144	Peroxisome-proliferator receptor gamma represses hepatic sex hormone-binding globulin expression. <i>Endocrinology</i> , 2009 , 150, 2183-9	4.8	41
143	Steroid-binding specificity of human sex hormone-binding globulin is influenced by occupancy of a zinc-binding site. <i>Journal of Biological Chemistry</i> , 2000 , 275, 25920-5	5.4	41
142	Molecular and functional characterization of sex hormone binding globulin in zebrafish. <i>Endocrinology</i> , 2004 , 145, 5221-30	4.8	40
141	Hormonal regulation of rat androgen-binding protein (ABP) messenger ribonucleic acid and homology of human testosterone-estradiol-binding globulin and ABP complementary deoxyribonucleic acids. <i>Molecular Endocrinology</i> , 1988 , 2, 125-32		39
140	Perinatal fluoxetine effects on social play, the HPA system, and hippocampal plasticity in pre-adolescent male and female rats: Interactions with pre-gestational maternal stress. <i>Psychoneuroendocrinology</i> , 2017 , 84, 159-171	5	38
139	Corticosteroid-binding globulin: structure-function implications from species differences. <i>PLoS ONE</i> , 2012 , 7, e52759	3.7	38
138	An updated steroid benchmark set and its application in the discovery of novel nanomolar ligands of sex hormone-binding globulin. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 2047-56	8.3	38
137	Successful in silico discovery of novel nonsteroidal ligands for human sex hormone binding globulin. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 3203-13	8.3	38
136	Steroid-binding and dimerization domains of human sex hormone-binding globulin partially overlap: steroids and Ca ²⁺ stabilize dimer formation. <i>Biochemistry</i> , 1994 , 33, 10622-9	3.2	38
135	A Leu----His substitution at residue 93 in human corticosteroid binding globulin results in reduced affinity for cortisol. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1992 , 42, 671-6	5.1	36
134	Progesterone, androstenedione, testosterone, 5 alpha-dihydrotestosterone and androsterone concentrations in specific regions of the human brain. <i>The Journal of Steroid Biochemistry</i> , 1983 , 18, 185-9		36

133	Rat corticosteroid binding globulin: primary structure and messenger ribonucleic acid levels in the liver under different physiological conditions. <i>Molecular Endocrinology</i> , 1989 , 3, 420-6		35
132	A solid-phase radioimmunoassay for human corticosteroid binding globulin. <i>Journal of Endocrinology</i> , 1985 , 104, 259-67	4.7	35
131	Distribution and concentrations of androgens in epithelial and stromal compartments of the human benign hypertrophic prostate. <i>Journal of Endocrinology</i> , 1981 , 90, 125-31	4.7	35
130	Characterization of an ovine glucocorticoid receptor cDNA and developmental changes in its mRNA levels in the fetal sheep hypothalamus, pituitary gland and adrenal. <i>Journal of Molecular Endocrinology</i> , 1992 , 8, 173-80	4.5	34
129	Residues in the human corticosteroid-binding globulin reactive center loop that influence steroid binding before and after elastase cleavage. <i>Journal of Biological Chemistry</i> , 2009 , 284, 884-96	5.4	33
128	Levels of surfactant-associated protein messenger ribonucleic acids in rabbit lung during perinatal development and after hormonal treatment. <i>Endocrinology</i> , 1991 , 129, 2583-91	4.8	33
127	Novel corticosteroid-binding globulin variant that lacks steroid binding activity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, E142-50	5.6	32
126	Human sex hormone-binding globulin is expressed in testicular germ cells and not in sertoli cells. <i>Hormone and Metabolic Research</i> , 2006 , 38, 230-5	3.1	32
125	Progressive docking: a hybrid QSAR/docking approach for accelerating in silico high throughput screening. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 7466-78	8.3	32
124	Cytochrome P450 1A2 (CYP1A2) activity and risk factors for breast cancer: a cross-sectional study. <i>Breast Cancer Research</i> , 2004 , 6, R352-65	8.3	32
123	Corticosteroid-binding globulin (CBG) production by hepatic and extra-hepatic sites in the ovine fetus; effects of CBG on glucocorticoid negative feedback on pituitary cells in vitro. <i>Journal of Endocrinology</i> , 1995 , 146, 121-30	4.7	32
122	Glycosylation of human corticosteroid-binding globulin. Differential processing and significance of carbohydrate chains at individual sites. <i>Biochemistry</i> , 1994 , 33, 5759-65	3.2	31
121	Expression and differential glycosylation of human sex hormone-binding globulin by mammalian cell lines. <i>Molecular Endocrinology</i> , 1991 , 5, 1723-9		31
120	A phylogenetic study of the structural and functional characteristics of corticosteroid binding globulin in primates. <i>Journal of Endocrinology</i> , 1985 , 104, 251-7	4.7	31
119	<i>Pseudomonas aeruginosa</i> elastase disrupts the cortisol-binding activity of corticosteroid-binding globulin. <i>Endocrinology</i> , 2014 , 155, 2900-8	4.8	30
118	Expression and regulation of human sex hormone-binding globulin transgenes in mice during development. <i>Endocrinology</i> , 1999 , 140, 4166-74	4.8	30
117	Resolution of the steroid-binding and dimerization domains of human sex hormone-binding globulin by expression in <i>Escherichia coli</i> . <i>Biochemistry</i> , 1995 , 34, 3231-8	3.2	30
116	Human sex hormone-binding globulin variants associated with hyperandrogenism and ovarian dysfunction. <i>Journal of Clinical Investigation</i> , 2002 , 109, 973-81	15.9	30

115	Steroid conjugates of dichloro(6-aminomethylnicotinate)platinum(II): effects on DNA, sex hormone binding globulin, the estrogen receptor, and various breast cancer cell lines. <i>ChemMedChem</i> , 2007 , 2, 333-42	3.7	29
114	Influence of glycosylation on the clearance of recombinant human sex hormone-binding globulin from rabbit blood. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1999 , 70, 115-21	5.1	29
113	Crystal structure of human sex hormone-binding globulin in complex with 2-methoxyestradiol reveals the molecular basis for high affinity interactions with C-2 derivatives of estradiol. <i>Journal of Biological Chemistry</i> , 2002 , 277, 45219-25	5.4	28
112	Somatostatin is essential for the sexual dimorphism of GH secretion, corticosteroid-binding globulin production, and corticosterone levels in mice. <i>Endocrinology</i> , 2015 , 156, 1052-65	4.8	27
111	Serum distribution of the major metabolites of norgestimate in relation to its pharmacological properties. <i>Contraception</i> , 2003 , 67, 93-9	2.5	27
110	Isolation and characterization of the cDNA for pulmonary surfactant-associated protein-B (SP-B) in the rabbit. <i>Biochemical and Biophysical Research Communications</i> , 1989 , 160, 325-32	3.4	27
109	Rabbit corticosteroid-binding globulin: primary structure and biosynthesis during pregnancy. <i>Molecular Endocrinology</i> , 1990 , 4, 1166-72		27
108	Interaction between corticosteroid binding globulin and activated leukocytes in vitro. <i>Biochemical and Biophysical Research Communications</i> , 1990 , 172, 172-7	3.4	27
107	Corticosteroid-binding globulin is a biomarker of inflammation onset and severity in female rats. <i>Journal of Endocrinology</i> , 2016 , 230, 215-25	4.7	26
106	Association between the T27C polymorphism in the cytochrome P450 c17alpha (CYP17) gene and risk factors for breast cancer. <i>Breast Cancer Research and Treatment</i> , 2004 , 88, 217-30	4.4	26
105	A human sex hormone-binding globulin isoform accumulates in the acrosome during spermatogenesis. <i>Journal of Biological Chemistry</i> , 2002 , 277, 45291-8	5.4	26
104	Identification and characterization of a human corticosteroid binding globulin variant with a reduced affinity for cortisol. <i>Journal of Endocrinology</i> , 1985 , 104, 269-77	4.7	26
103	The Radioimmunoassay of Testosterone, 5 α Dihydrotestosterone and Their Precursors in the Human Testis. <i>Journal of Developmental and Physical Disabilities</i> , 1978 , 1, 391-399		26
102	(Arene)Cl ₂ Bu(II) complexes with N-coordinated estrogen and androgen isonicotinates: interaction with sex hormone binding globulin and anticancer activity. <i>Steroids</i> , 2011 , 76, 393-9	2.8	25
101	The human corticosteroid binding globulin gene is located on chromosome 14q31-q32.1 near two other serine protease inhibitor genes. <i>Human Genetics</i> , 1990 , 86, 73-5	6.3	25
100	Effect of oestrogen treatment on testicular LH/HCG receptors and endogenous steroids in prostatic cancer patients. <i>Clinical Endocrinology</i> , 1980 , 13, 561-8	3.4	25
99	Naturally occurring mutants inform SHBG structure and function. <i>Molecular Endocrinology</i> , 2014 , 28, 1026-38		24
98	Determinants of steroid hormone bioavailability. <i>Biochemical Society Transactions</i> , 1997 , 25, 577-82	5.1	24

97	Identification of a locus on distal mouse chromosome 12 that controls resistance to tumor necrosis factor-induced lethal shock. <i>Genomics</i> , 1999 , 55, 284-9	4.3	24
96	Pro-opiomelanocortin messenger RNA levels increase in the fetal sheep pituitary during late gestation. <i>Journal of Endocrinology</i> , 1991 , 131, 483-9	4.7	24
95	Decreased cortisol-binding affinity of transcortin Leuven is associated with an amino acid substitution at residue-93. <i>Steroids</i> , 1993 , 58, 275-7	2.8	24
94	Naturally occurring mutations of human corticosteroid-binding globulin. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E129-39	5.6	23
93	In silico identification of anthropogenic chemicals as ligands of zebrafish sex hormone binding globulin. <i>Toxicology and Applied Pharmacology</i> , 2009 , 234, 47-57	4.6	23
92	Human sperm sex hormone-binding globulin isoform: characterization and measurement by time-resolved fluorescence immunoassay. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 6275-82	5.6	23
91	Identification and measurement of sex hormone binding globulin (SHBG) and corticosteroid binding globulin (CBG) in human saliva. <i>European Journal of Endocrinology</i> , 1986 , 112, 603-8	6.5	23
90	Cytoplasmic accumulation of incompletely glycosylated SHBG enhances androgen action in proximal tubule epithelial cells. <i>Molecular Endocrinology</i> , 2011 , 25, 269-81		22
89	37-kDa laminin receptor precursor mediates GnRH-II-induced MMP-2 expression and invasiveness in ovarian cancer cells. <i>Molecular Endocrinology</i> , 2011 , 25, 327-38		22
88	Steroid receptor coactivator-3 is required for progesterone receptor trans-activation of target genes in response to gonadotropin-releasing hormone treatment of pituitary cells. <i>Journal of Biological Chemistry</i> , 2006 , 281, 20817-20824	5.4	22
87	Repression of the human sex hormone-binding globulin gene in Sertoli cells by upstream stimulatory transcription factors. <i>Journal of Biological Chemistry</i> , 2005 , 280, 4462-8	5.4	22
86	Preclinical profiles of progestins used in formulations of oral contraceptives and hormone replacement therapy. <i>American Journal of Obstetrics and Gynecology</i> , 2001 , 185, S24-31	6.4	22
85	cis-regulatory elements within the proximal promoter of the rat gene encoding corticosteroid-binding globulin. <i>Gene</i> , 1995 , 162, 205-11	3.8	22
84	Impact of corticosteroid-binding globulin deficiency on pregnancy and neonatal sex. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 1819-27	5.6	21
83	Development of the external genitalia: perspectives from the spotted hyena (<i>Crocuta crocuta</i>). <i>Differentiation</i> , 2014 , 87, 4-22	3.5	21
82	Rabbit sex hormone binding globulin: primary structure, tissue expression, and structure/function analyses by expression in <i>Escherichia coli</i> . <i>Journal of Endocrinology</i> , 1997 , 153, 373-84	4.7	21
81	Sex hormone-binding globulin expression in sea bass (<i>Dicentrarchus labrax</i> L.) throughout development and the reproductive season. <i>Molecular and Cellular Endocrinology</i> , 2007 , 276, 55-62	4.4	21
80	Gonadotropin-releasing hormone-II increases membrane type I metalloproteinase production via beta-catenin signaling in ovarian cancer cells. <i>Endocrinology</i> , 2011 , 152, 764-72	4.8	20

79	Sea bass (<i>Dicentrarchus labrax</i>) sex hormone binding globulin: molecular and biochemical properties and phylogenetic comparison of its orthologues in multiple fish species. <i>Molecular and Cellular Endocrinology</i> , 2005 , 229, 21-9	4.4	20
78	Structure/function analyses of human sex hormone-binding globulin: effects of zinc on steroid-binding specificity. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2003 , 85, 195-200	5.1	20
77	Corticosteroid-binding globulin (CBG) in fetal development. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1995 , 53, 523-7	5.1	20
76	The human fetal adrenal produces cortisol but no detectable aldosterone throughout the second trimester. <i>BMC Medicine</i> , 2018 , 16, 23	11.4	19
75	Two different corticosteroid-binding globulin variants that lack cortisol-binding activity in a greek woman. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, 4260-7	5.6	19
74	N-glycans are not the signal for apical sorting of corticosteroid binding globulin in MDCK cells. <i>FEBS Letters</i> , 1999 , 451, 19-22	3.8	19
73	Serum non-protein bound percentage and distribution of the progestin ST-1435: no effect of ST-1435 treatment on plasma SHBG and CBG binding capacities. <i>European Journal of Endocrinology</i> , 1983 , 102, 307-13	6.5	19
72	Perinatal fluoxetine increases hippocampal neurogenesis and reverses the lasting effects of pre-gestational stress on serum corticosterone, but not on maternal behavior, in the rat dam. <i>Behavioural Brain Research</i> , 2018 , 339, 222-231	3.4	19
71	High frequency of SERPINA6 polymorphisms that reduce plasma corticosteroid-binding globulin activity in Chinese subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E678-86	5.6	18
70	Effects of sex hormone-binding globulin (SHBG) on androgen bioactivity in vitro. <i>Molecular and Cellular Endocrinology</i> , 2016 , 437, 280-291	4.4	17
69	Colony-Specific Differences in Endocrine and Immune Responses to an Inflammatory Challenge in Female Sprague Dawley Rats. <i>Endocrinology</i> , 2015 , 156, 4604-17	4.8	17
68	Resolution of a disordered region at the entrance of the human sex hormone-binding globulin steroid-binding site. <i>Journal of Molecular Biology</i> , 2002 , 318, 621-6	6.5	17
67	O-Glycosylation of human sex hormone-binding globulin is essential for inhibition of estradiol-induced MCF-7 breast cancer cell proliferation. <i>Molecular and Cellular Endocrinology</i> , 2002 , 189, 135-43	4.4	17
66	Substitutions of tryptophan residues in human corticosteroid-binding globulin: impact on steroid binding and glycosylation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1994 , 49, 191-4	5.1	17
65	Structure/function analyses of human sex hormone-binding globulin by site-directed mutagenesis. <i>FEBS Letters</i> , 1992 , 301, 227-30	3.8	17
64	Biological half-life and transfer of maternal corticosteroid-binding globulin to amniotic fluid in the rabbit. <i>Endocrinology</i> , 1989 , 125, 1321-5	4.8	17
63	Glucocorticoids induce corticosteroid-binding globulin biosynthesis by immature mouse liver and kidney. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1997 , 60, 163-9	5.1	16
62	Ovarian ablation for premenopausal breast cancer: A review of treatment considerations and the impact of premature menopause. <i>Cancer Treatment Reviews</i> , 2017 , 55, 26-35	14.4	15

61	Characterization of a monoclonal antibody to human sex hormone binding globulin. <i>FEBS Letters</i> , 1984 , 168, 307-12	3.8	15
60	Control of the membrane sex hormone-binding globulin-receptor (SHBG-R) in MCF-7 cells: effect of locally produced SHBG. <i>Steroids</i> , 1998 , 63, 282-4	2.8	14
59	Measurement of sex hormone binding globulin in human amniotic fluid: its relationship to protein and testosterone concentrations, and fetal sex. <i>Clinical Endocrinology</i> , 1983 , 18, 377-84	3.4	14
58	Resveratrol Increases Hepatic SHBG Expression through Human Constitutive Androstane Receptor: a new Contribution to the French Paradox. <i>Scientific Reports</i> , 2017 , 7, 12284	4.9	13
57	Structure and chromosomal location of the gene encoding mouse corticosteroid-binding globulin: strain differences in coding sequence and steroid-binding activity. <i>Gene</i> , 1994 , 144, 259-64	3.8	13
56	Serum pregnenolone, progesterone, 17alpha-hydroxyprogesterone, androstenedione, testosterone, 5alpha-dihydrotestosterone and androsterone during puberty in boys. <i>Clinical Endocrinology</i> , 1979 , 11, 465-74	3.4	13
55	Gonadotropin-releasing hormone-mediated phosphorylation of estrogen receptor-alpha contributes to fosB expression in mouse gonadotrophs. <i>Endocrinology</i> , 2009 , 150, 4583-93	4.8	12
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