

# Carolyn L Smith

## List of Publications by Year in descending order

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73  
papers

6,035  
citations

126708

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82410

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docs citations

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times ranked

5609  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coactivator and Corepressor Regulation of the Agonist/Antagonist Activity of the Mixed Antiestrogen, 4-Hydroxytamoxifen. <i>Molecular Endocrinology</i> , 1997, 11, 657-666.	3.7	585
2	The 26S Proteasome Is Required for Estrogen Receptor- $\beta$ and Coactivator Turnover and for Efficient Estrogen Receptor- $\beta$ Transactivation. <i>Molecular Cell</i> , 2000, 5, 939-948.	4.5	526
3	The Angelman Syndrome-Associated Protein, E6-AP, Is a Coactivator for the Nuclear Hormone Receptor Superfamily. <i>Molecular and Cellular Biology</i> , 1999, 19, 1182-1189.	1.1	394
4	FRAP reveals that mobility of oestrogen receptor- $\beta$ is ligand- and proteasome-dependent. <i>Nature Cell Biology</i> , 2001, 3, 15-23.	4.6	373
5	The Cl <sup>-</sup> /H <sup>+</sup> antiporter ClC-7 is the primary chloride permeation pathway in lysosomes. <i>Nature</i> , 2008, 453, 788-792.	13.7	336
6	Cross-Talk between Peptide Growth Factor and Estrogen Receptor Signaling Pathways. <i>Biology of Reproduction</i> , 1998, 58, 627-632.	1.2	284
7	A Role for Corticosteroid-Binding Globulin in Delivery of Cortisol to Activated Neutrophils*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1990, 71, 34-39.	1.8	240
8	Novel Cell Types, Neurosecretory Cells, and Body Plan of the Early-Diverging Metazoan <i>Trichoplax adhaerens</i> . <i>Current Biology</i> , 2014, 24, 1565-1572.	1.8	209
9	The development and postnatal organization of primary afferent projections to the rat thoracic spinal cord. <i>Journal of Comparative Neurology</i> , 1983, 220, 29-43.	0.9	194
10	Role of SRC-1 in the Promotion of Prostate Cancer Cell Growth and Tumor Progression. <i>Cancer Research</i> , 2005, 65, 7959-7967.	0.4	186
11	Androgens Modulate Expression of Transcription Intermediary Factor 2, an Androgen Receptor Coactivator whose Expression Level Correlates with Early Biochemical Recurrence in Prostate Cancer. <i>Cancer Research</i> , 2006, 66, 10594-10602.	0.4	162
12	Distinct effects of bFGF and PDGF on oligodendrocyte progenitor cells. <i>Glia</i> , 1993, 7, 245-254.	2.5	145
13	Ligand-Mediated Assembly and Real-Time Cellular Dynamics of Estrogen Receptor $\beta$ -Coactivator Complexes in Living Cells. <i>Molecular and Cellular Biology</i> , 2001, 21, 4404-4412.	1.1	141
14	Ligand-Independent Interactions of p160/Steroid Receptor Coactivators and CREB-Binding Protein (CBP) with Estrogen Receptor- $\beta$ : Regulation by Phosphorylation Sites in the A/B Region Depends on Other Receptor Domains. <i>Molecular Endocrinology</i> , 2003, 17, 1296-1314.	3.7	133
15	Coupling of receptor conformation and ligand orientation determine graded activity. <i>Nature Chemical Biology</i> , 2010, 6, 837-843.	3.9	121
16	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, 1869-1876.	3.7	120
17	Neuropeptidergic integration of behavior in <i>Trichoplax adhaerens</i> , an animal without synapses. <i>Journal of Experimental Biology</i> , 2017, 220, 3381-3390.	0.8	98
18	Identification of target genes in breast cancer cells directly regulated by the SRC-3/AIB1 coactivator. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 1339-1344.	3.3	92

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19	Dopaminergic Regulation of Progesterone Receptors: Brain D5 Dopamine Receptors Mediate Induction of Lordosis by D1-Like Agonists in Rats. <i>Journal of Neuroscience</i> , 1996, 16, 4823-4834.	1.7	88
20	Coordinated Feeding Behavior in <i>Trichoplax</i> , an Animal without Synapses. <i>PLoS ONE</i> , 2015, 10, e0136098.	1.1	87
21	The Silencing Mediator of Retinoic Acid and Thyroid Hormone Receptor (SMRT) Corepressor Is Required for Full Estrogen Receptor $\alpha$ Transcriptional Activity. <i>Molecular and Cellular Biology</i> , 2007, 27, 5933-5948.	1.1	85
22	Genetic Ablation of the Steroid Receptor Coactivator-Ubiquitin Ligase, E6-AP, Results in Tissue-Selective Steroid Hormone Resistance and Defects in Reproduction. <i>Molecular and Cellular Biology</i> , 2002, 22, 525-535.	1.1	73
23	Rapid Estrogen-Induced Phosphorylation of the SRC-3 Coactivator Occurs in an Extranuclear Complex Containing Estrogen Receptor. <i>Molecular and Cellular Biology</i> , 2005, 25, 8273-8284.	1.1	71
24	Cellular and genetic characterization of human adult bone marrow-derived neural stem-like cells: a potential antiglioma cellular vector. <i>Cancer Research</i> , 2003, 63, 8877-89.	0.4	69
25	Mechanistic Differences in the Activation of Estrogen Receptor $\alpha$ (ER $\alpha$ )- and ER $\beta$ -dependent Gene Expression by cAMP Signaling Pathway(s). <i>Journal of Biological Chemistry</i> , 2003, 278, 12834-12845.	1.6	60
26	Efficacy of Selective Estrogen Receptor Modulators in Nude Mice Bearing Human Transitional Cell Carcinoma. <i>Urology</i> , 2007, 69, 1221-1226.	0.5	56
27	Coherent directed movement toward food modeled in <i>Trichoplax</i> , a ciliated animal lacking a nervous system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8901-8908.	3.3	46
28	Effects of Androgen and Estrogen Receptor Signaling Pathways on Bladder Cancer Initiation and Progression. <i>Bladder Cancer</i> , 2016, 2, 127-137.	0.2	44
29	Adherens Junctions Modulate Diffusion between Epithelial Cells in <i>Trichoplax adhaerens</i> . <i>Biological Bulletin</i> , 2016, 231, 216-224.	0.7	44
30	Rat Corticosteroid Binding Globulin: Primary Structure and Messenger Ribonucleic Acid Levels in the Liver under Different Physiological Conditions. <i>Molecular Endocrinology</i> , 1989, 3, 420-426.	3.7	43
31	Raloxifene Inhibits Growth of RT4 Urothelial Carcinoma Cells via Estrogen Receptor-Dependent Induction of Apoptosis and Inhibition of Proliferation. <i>Hormones and Cancer</i> , 2013, 4, 24-35.	4.9	41
32	Chemoprevention of BBN-Induced Bladder Carcinogenesis by the Selective Estrogen Receptor Modulator Tamoxifen. <i>Translational Oncology</i> , 2013, 6, 244-255.	1.7	40
33	A Leu $\alpha$ 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, 671-676.	1.2	39
34	Cells containing aragonite crystals mediate responses to gravity in <i>Trichoplax adhaerens</i> (Placozoa), an animal lacking neurons and synapses. <i>PLoS ONE</i> , 2018, 13, e0190905.	1.1	39
35	Effects of the Quest to Lava Mountain Computer Game on Dietary and Physical Activity Behaviors of Elementary School Children: A Pilot Group-Randomized Controlled Trial. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2015, 115, 1260-1271.	0.4	37
36	Specificity of sensory projections to the spinal cord during development in bullfrogs. <i>Journal of Comparative Neurology</i> , 1988, 269, 96-108.	0.9	36

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37	HER2 Signaling Drives DNA Anabolism and Proliferation through SRC-3 Phosphorylation and E2F1-Regulated Genes. <i>Cancer Research</i> , 2016, 76, 1463-1475.	0.4	35
38	Interaction between corticosteroid binding globulin and activated leukocytes in vitro. <i>Biochemical and Biophysical Research Communications</i> , 1990, 172, 172-177.	1.0	31
39	Cooperative Activation of Cyclin D1 and Progesterone Receptor Gene Expression by the SRC-3 Coactivator and SMRT Corepressor. <i>Molecular Endocrinology</i> , 2010, 24, 1187-1202.	3.7	30
40	Evolutionary insights into T-type Ca <sup>2+</sup> channel structure, function, and ion selectivity from the <i>Trichoplax adhaerens</i> homologue. <i>Journal of General Physiology</i> , 2017, 149, 483-510.	0.9	30
41	Rabbit Corticosteroid-Binding Globulin: Primary Structure and Biosynthesis during Pregnancy. <i>Molecular Endocrinology</i> , 1990, 4, 1166-1172.	3.7	29
42	The ventral epithelium of <i>Trichoplax adhaerens</i> deploys in distinct patterns cells that secrete digestive enzymes, mucus or diverse neuropeptides. <i>Biology Open</i> , 2019, 8, .	0.6	29
43	Peripheral Specification of Sensory Connections in the Spinal Cord. <i>Brain, Behavior and Evolution</i> , 1988, 31, 227-242.	0.9	28
44	CK1 $\delta$ modulates the transcriptional activity of ER $\alpha$ via AIB1 in an estrogen-dependent manner and regulates ER $\alpha$ -AIB1 interactions. <i>Nucleic Acids Research</i> , 2009, 37, 3110-3123.	6.5	27
45	Chromosomal nonhistone proteins of rat hepatomas and normal rat liver. <i>Biochemical and Biophysical Research Communications</i> , 1974, 60, 1468-1474.	1.0	24
46	Dissection of cytochrome P-450 isozymes (RLM) from fractions of untreated rat liver microsomal proteins. <i>Biochemical and Biophysical Research Communications</i> , 1982, 107, 1517-1523.	1.0	24
47	SRA coactivation of estrogen receptor- $\alpha$ is phosphorylation-independent, and enhances 4-hydroxytamoxifen agonist activity. <i>Biochemical and Biophysical Research Communications</i> , 2004, 323, 332-338.	1.0	24
48	Sensory neurons supplying touch domes near the body midlines project bilaterally in the thoracic spinal cord of rats. <i>Journal of Comparative Neurology</i> , 1986, 245, 541-552.	0.9	23
49	Tensile forces attenuate estrogen-stimulated collagen synthesis in the ACL. <i>Biochemical and Biophysical Research Communications</i> , 2004, 317, 1221-1225.	1.0	23
50	The Pure Estrogen Receptor Antagonist ICI 182,780 Promotes a Novel Interaction of Estrogen Receptor- $\alpha$ with the $\beta$ -Cyclic Adenosine Monophosphate Response Element-Binding Protein/p300 Coactivators. <i>Molecular Endocrinology</i> , 2006, 20, 2695-2710.	3.7	23
51	Cooperative Activation of Gene Expression by Agonists and Antagonists Mediated by Estrogen Receptor Heteroligand Dimer Complexes. <i>Molecular Pharmacology</i> , 2013, 83, 1066-1077.	1.0	23
52	A Na <sup>+</sup> leak channel cloned from <i>Trichoplax adhaerens</i> extends extracellular pH and Ca <sup>2+</sup> sensing for the DEG/ENaC family close to the base of Metazoa. <i>Journal of Biological Chemistry</i> , 2019, 294, 16320-16336.	1.6	23
53	SKF-82958 Is a Subtype-selective Estrogen Receptor- $\alpha$ (ER $\alpha$ ) Agonist That Induces Functional Interactions between ER $\alpha$ and AP-1. <i>Journal of Biological Chemistry</i> , 2002, 277, 1669-1679.	1.6	22
54	Activation of p53 Transcriptional Activity by SMRT: a Histone Deacetylase 3-Independent Function of a Transcriptional Corepressor. <i>Molecular and Cellular Biology</i> , 2014, 34, 1246-1261.	1.1	22

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55	Synthesis of Novel Estrogen Receptor Antagonists Using Metal-Catalyzed Coupling Reactions and Characterization of Their Biological Activity. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 2779-2790.	2.9	20
56	Insights into the evolution of digestive systems from studies of <i>Trichoplax adhaerens</i> . <i>Cell and Tissue Research</i> , 2019, 377, 353-367.	1.5	20
57	Estradiol downregulation of the tumor suppressor gene <i>BTG2</i> requires estrogen receptor and the REA corepressor. <i>International Journal of Cancer</i> , 2009, 124, 1841-1851.	2.3	19
58	Evolutionary identification of a subtype specific functional site in the ligand binding domain of steroid receptors. <i>Proteins: Structure, Function and Bioinformatics</i> , 2006, 64, 1046-1057.	1.5	18
59	Elevated nuclear expression of the SMRT corepressor in breast cancer is associated with earlier tumor recurrence. <i>Breast Cancer Research and Treatment</i> , 2012, 136, 253-265.	1.1	18
60	Reduced calcium-dependent mitochondrial damage underlies the reduced vulnerability of excitotoxicity-tolerant hippocampal neurons. <i>Journal of Neurochemistry</i> , 2008, 104, 1686-1699.	2.1	16
61	HydroLink™ gel electrophoresis (HLGE). II. Applications of a new polymer matrix to dsDNA analysis. <i>Journal of Proteomics</i> , 1989, 19, 51-64.	2.4	14
62	HydroLink™ gel electrophoresis (HLGE). III. High DNA loading capacity and recovery of dsDNA. <i>Journal of Proteomics</i> , 1989, 19, 65-73.	2.4	14
63	Differential skeletal responses of hindlimb unloaded rats on a vitamin D-deficient diet to 1,25-dihydroxyvitamin D3 and its analog, seocalcitol (EB1089). <i>Bone</i> , 2004, 35, 134-143.	1.4	14
64	Corticosteroid binding globulin, testosterone-estradiol binding globulin, and androgen binding protein belong to protein families distinct from steroid receptors. <i>The Journal of Steroid Biochemistry</i> , 1988, 30, 131-139.	1.3	12
65	DNA sequencing in HydroLink matrices: Extension of reading ability to > 600 nucleotides. <i>Electrophoresis</i> , 1990, 11, 595-600.	1.3	11
66	Synthetic 19-nortestosterone derivatives as estrogen receptor alpha subtype-selective ligands induce similar receptor conformational changes and steroid receptor coactivator recruitment than natural estrogens. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2006, 99, 108-114.	1.2	11
67	Distinctive functions of p160 steroid receptor coactivators in proliferation of an estrogen-independent, tamoxifen-resistant breast cancer cell line. <i>Endocrine-Related Cancer</i> , 2010, 18, 113-127.	1.6	10
68	Placozoan fiber cells: mediators of innate immunity and participants in wound healing. <i>Scientific Reports</i> , 2021, 11, 23343.	1.6	9
69	Marinobufagenin interferes with the function of the mineralocorticoid receptor. <i>Biochemical and Biophysical Research Communications</i> , 2007, 356, 930-934.	1.0	8
70	Early Metazoan Origin and Multiple Losses of a Novel Clade of RIM Presynaptic Calcium Channel Scaffolding Protein Homologs. <i>Genome Biology and Evolution</i> , 2020, 12, 1217-1239.	1.1	7
71	Divergent Ca <sup>2+</sup> /calmodulin feedback regulation of CaV1 and CaV2 voltage-gated calcium channels evolved in the common ancestor of Placozoa and Bilateria. <i>Journal of Biological Chemistry</i> , 2022, 298, 101741.	1.6	4
72	Microscopy Studies of Placozoans. <i>Methods in Molecular Biology</i> , 2021, 2219, 99-118.	0.4	3

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73	The critical period for peripheral specification of dorsal root ganglion neurons is related to the period of sensory neurogenesis. <i>Developmental Biology</i> , 1990, 142, 476-480.	0.9	0