Carolyn L Smith

List of Publications by Year
in descending order

73 papers	6,035 citations	126708 33 h-index	82410 72 g-index
74 all docs	74 docs citations	74 times ranked	5609 citing authors

#	Article	IF	Citations
1	Divergent Ca2+/calmodulin feedback regulation of CaV1 and CaV2 voltage-gated calcium channels evolved in the common ancestor of Placozoa and Bilateria. Journal of Biological Chemistry, 2022, 298, 101741.	1.6	4
2	Microscopy Studies of Placozoans. Methods in Molecular Biology, 2021, 2219, 99-118.	0.4	3
3	Placozoan fiber cells: mediators of innate immunity and participants in wound healing. Scientific Reports, 2021, 11, 23343.	1.6	9
4	Early Metazoan Origin and Multiple Losses of a Novel Clade of RIM Presynaptic Calcium Channel Scaffolding Protein Homologs. Genome Biology and Evolution, 2020, 12, 1217-1239.	1.1	7
5	Insights into the evolution of digestive systems from studies of Trichoplax adhaerens. Cell and Tissue Research, 2019, 377, 353-367.	1.5	20
6	Coherent directed movement toward food modeled in Trichoplax , a ciliated animal lacking a nervous system. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8901-8908.	3.3	46
7	The ventral epithelium of Trichoplax adhaerens deploys in distinct patterns cells that secrete digestive enzymes, mucus or diverse neuropeptides. Biology Open, 2019, 8, .	0.6	29
8	A Na+ leak channel cloned from Trichoplax adhaerens extends extracellular pH and Ca2+ sensing for the DEG/ENaC family close to the base of Metazoa. Journal of Biological Chemistry, 2019, 294, 16320-16336.	1.6	23
9	Cells containing aragonite crystals mediate responses to gravity in Trichoplax adhaerens (Placozoa), an animal lacking neurons and synapses. PLoS ONE, 2018, 13, e0190905.	1.1	39
10	Evolutionary insights into T-type Ca2+ channel structure, function, and ion selectivity from the Trichoplax adhaerens homologue. Journal of General Physiology, 2017, 149, 483-510.	0.9	30
11	Neuropeptidergic integration of behavior in Trichoplax adhaerens, an animal without synapses. Journal of Experimental Biology, 2017, 220, 3381-3390.	0.8	98
12	Effects of Androgen and Estrogen Receptor Signaling Pathways on Bladder Cancer Initiation and Progression. Bladder Cancer, 2016, 2, 127-137.	0.2	44
13	Adherens Junctions Modulate Diffusion between Epithelial Cells inTrichoplax adhaerens. Biological Bulletin, 2016, 231, 216-224.	0.7	44
14	HER2 Signaling Drives DNA Anabolism and Proliferation through SRC-3 Phosphorylation and E2F1-Regulated Genes. Cancer Research, 2016, 76, 1463-1475.	0.4	35
15	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. Journal of the Academy of Nutrition and Dietetics, 2015, 115, 1260-1271.	0.4	37
16	Coordinated Feeding Behavior in Trichoplax, an Animal without Synapses. PLoS ONE, 2015, 10, e0136098.	1.1	87
17	Activation of p53 Transcriptional Activity by SMRT: a Histone Deacetylase 3-Independent Function of a Transcriptional Corepressor. Molecular and Cellular Biology, 2014, 34, 1246-1261.	1.1	22
18	Novel Cell Types, Neurosecretory Cells, and Body Plan of the Early-Diverging Metazoan Trichoplax adhaerens. Current Biology, 2014, 24, 1565-1572.	1.8	209

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19	Chemoprevention of BBN-Induced Bladder Carcinogenesis by the Selective Estrogen Receptor Modulator Tamoxifen. Translational Oncology, 2013, 6, 244-255.	1.7	40
20	Raloxifene Inhibits Growth of RT4 Urothelial Carcinoma Cells via Estrogen Receptor-Dependent Induction of Apoptosis and Inhibition of Proliferation. Hormones and Cancer, 2013, 4, 24-35.	4.9	41
21	Synthesis of Novel Estrogen Receptor Antagonists Using Metal-Catalyzed Coupling Reactions and Characterization of Their Biological Activity. Journal of Medicinal Chemistry, 2013, 56, 2779-2790.	2.9	20
22	Cooperative Activation of Gene Expression by Agonists and Antagonists Mediated by Estrogen Receptor Heteroligand Dimer Complexes. Molecular Pharmacology, 2013, 83, 1066-1077.	1.0	23
23	Elevated nuclear expression of the SMRT corepressor in breast cancer is associated with earlier tumor recurrence. Breast Cancer Research and Treatment, 2012, 136, 253-265.	1.1	18
24	Coupling of receptor conformation and ligand orientation determine graded activity. Nature Chemical Biology, 2010, 6, 837-843.	3.9	121
25	Distinctive functions of p160 steroid receptor coactivators in proliferation of an estrogen-independent, tamoxifen-resistant breast cancer cell line. Endocrine-Related Cancer, 2010, 18, 113-127.	1.6	10
26	Cooperative Activation of Cyclin D1 and Progesterone Receptor Gene Expression by the SRC-3 Coactivator and SMRT Corepressor. Molecular Endocrinology, 2010, 24, 1187-1202.	3.7	30
27	CK1Î´ modulates the transcriptional activity of ERÎ± via AIB1 in an estrogen-dependent manner and regulates ERÎ±â€“AIB1 interactions. Nucleic Acids Research, 2009, 37, 3110-3123.	6.5	27
28	Estradiol downregulation of the tumor suppressor gene BTG2 requires estrogen receptorâ€Îα and the REA corepressor. International Journal of Cancer, 2009, 124, 1841-1851.	2.3	19
29	The Cl-/H+ antiporter ClC-7 is the primary chloride permeation pathway in lysosomes. Nature, 2008, 453, 788-792.	13.7	336
30	Reduced calciumâ€dependent mitochondrial damage underlies the reduced vulnerability of excitotoxicityâ€tolerant hippocampal neurons. Journal of Neurochemistry, 2008, 104, 1686-1699.	2.1	16
31	The Silencing Mediator of Retinoic Acid and Thyroid Hormone Receptor (SMRT) Corepressor Is Required for Full Estrogen Receptor Îα Transcriptional Activity. Molecular and Cellular Biology, 2007, 27, 5933-5948.	1.1	85
32	Efficacy of Selective Estrogen Receptor Modulators in Nude Mice Bearing Human Transitional Cell Carcinoma. Urology, 2007, 69, 1221-1226.	0.5	56
33	Marinobufagenin interferes with the function of the mineralocorticoid receptor. Biochemical and Biophysical Research Communications, 2007, 356, 930-934.	1.0	8
34	Synthetic 19-nortestosterone derivatives as estrogen receptor alpha subtype-selective ligands induce similar receptor conformational changes and steroid receptor coactivator recruitment than natural estrogens. Journal of Steroid Biochemistry and Molecular Biology, 2006, 99, 108-114.	1.2	11
35	Evolutionary identification of a subtype specific functional site in the ligand binding domain of steroid receptors. Proteins: Structure, Function and Bioinformatics, 2006, 64, 1046-1057.	1.5	18
36	The Pure Estrogen Receptor Antagonist ICI 182,780 Promotes a Novel Interaction of Estrogen Receptor-Îα with the 3â€²,5â€²-Cyclic Adenosine Monophosphate Response Element-Binding Protein-Binding Protein/p300 Coactivators. Molecular Endocrinology, 2006, 20, 2695-2710.	3.7	23

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37	Androgens Modulate Expression of Transcription Intermediary Factor 2, an Androgen Receptor Coactivator whose Expression Level Correlates with Early Biochemical Recurrence in Prostate Cancer. Cancer Research, 2006, 66, 10594-10602.	0.4	162
38	Role of SRC-1 in the Promotion of Prostate Cancer Cell Growth and Tumor Progression. Cancer Research, 2005, 65, 7959-7967.	0.4	186
39	Rapid Estrogen-Induced Phosphorylation of the SRC-3 Coactivator Occurs in an Extranuclear Complex Containing Estrogen Receptor. Molecular and Cellular Biology, 2005, 25, 8273-8284.	1.1	71
40	Identification of target genes in breast cancer cells directly regulated by the SRC-3/AIB1 coactivator. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 1339-1344.	3.3	92
41	Differential skeletal responses of hindlimb unloaded rats on a vitamin D-deficient diet to 1,25-dihydroxyvitamin D3 and its analog, seocalcitol (EB1089). Bone, 2004, 35, 134-143.	1.4	14
42	Tensile forces attenuate estrogen-stimulated collagen synthesis in the ACL. Biochemical and Biophysical Research Communications, 2004, 317, 1221-1225.	1.0	23
43	SRA coactivation of estrogen receptor-Î± is phosphorylation-independent, and enhances 4-hydroxytamoxifen agonist activity. Biochemical and Biophysical Research Communications, 2004, 323, 332-338.	1.0	24
44	Ligand-Independent Interactions of p160/Steroid Receptor Coactivators and CREB-Binding Protein (CBP) with Estrogen Receptor-Î±: Regulation by Phosphorylation Sites in the A/B Region Depends on Other Receptor Domains. Molecular Endocrinology, 2003, 17, 1296-1314.	3.7	133
45	Mechanistic Differences in the Activation of Estrogen Receptor-Î± (ERÎ±)- and ERÎ²-dependent Gene Expression by cAMP Signaling Pathway(s). Journal of Biological Chemistry, 2003, 278, 12834-12845.	1.6	60
46	Cellular and genetic characterization of human adult bone marrow-derived neural stem-like cells: a potential antiglioma cellular vector. Cancer Research, 2003, 63, 8877-89.	0.4	69
47	SKF-82958 Is a Subtype-selective Estrogen Receptor-Î± (ERÎ±) Agonist That Induces Functional Interactions between ERÎ± and AP-1. Journal of Biological Chemistry, 2002, 277, 1669-1679.	1.6	22
48	Genetic Ablation of the Steroid Receptor Coactivator-Ubiquitin Ligase, E6-AP, Results in Tissue-Selective Steroid Hormone Resistance and Defects in Reproduction. Molecular and Cellular Biology, 2002, 22, 525-535.	1.1	73
49	FRAP reveals that mobility of oestrogen receptor-Î± is ligand- and proteasome-dependent. Nature Cell Biology, 2001, 3, 15-23.	4.6	373
50	Ligand-Mediated Assembly and Real-Time Cellular Dynamics of Estrogen Receptor Î±-Coactivator Complexes in Living Cells. Molecular and Cellular Biology, 2001, 21, 4404-4412.	1.1	141
51	The 26S Proteasome Is Required for Estrogen Receptor-Î± and Coactivator Turnover and for Efficient Estrogen Receptor-Î± Transactivation. Molecular Cell, 2000, 5, 939-948.	4.5	526
52	The Angelman Syndrome-Associated Protein, E6-AP, Is a Coactivator for the Nuclear Hormone Receptor Superfamily. Molecular and Cellular Biology, 1999, 19, 1182-1189.	1.1	394
53	Cross-Talk between Peptide Growth Factor and Estrogen Receptor Signaling Pathways. Biology of Reproduction, 1998, 58, 627-632.	1.2	284
54	Coactivator and Corepressor Regulation of the Agonist/Antagonist Activity of the Mixed Antiestrogen, 4-Hydroxytamoxifen. Molecular Endocrinology, 1997, 11, 657-666.	3.7	585

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55	Dopaminergic Regulation of Progesterone Receptors: Brain D5 Dopamine Receptors Mediate Induction of Lordosis by D1-Like Agonists in Rats. Journal of Neuroscience, 1996, 16, 4823-4834.	1.7	88
56	Distinct effects of bFGF and PDGF on oligodendrocyte progenitor cells. Glia, 1993, 7, 245-254.	2.5	145
57	A Leu â†' His substitution at residue 93 in human corticosteroid binding globulin results in reduced affinity for cortisol. Journal of Steroid Biochemistry and Molecular Biology, 1992, 42, 671-676.	1.2	39
58	Rabbit Corticosteroid-Binding Globulin: Primary Structure and Biosynthesis during Pregnancy. Molecular Endocrinology, 1990, 4, 1166-1172.	3.7	29
59	A Role for Corticosteroid-Binding Globulin in Delivery of Cortisol to Activated Neutrophils*. Journal of Clinical Endocrinology and Metabolism, 1990, 71, 34-39.	1.8	240
60	The critical period for peripheral specification of dorsal root ganglion neurons is related to the period of sensory neurogenesis. Developmental Biology, 1990, 142, 476-480.	0.9	0
61	Interaction between corticosteroid binding globulin and activated leukocytes in vitro. Biochemical and Biophysical Research Communications, 1990, 172, 172-177.	1.0	31
62	DNA sequencing in HydroLink matrices: Extension of reading ability to > 600 nucleotides. Electrophoresis, 1990, 11, 595-600.	1.3	11
63	The Human Sex Hormone-Binding Globulin Gene Contains Exons for Androgen-Binding Protein and Two Other Testicular Messenger RNAs. Molecular Endocrinology, 1989, 3, 1869-1876.	3.7	120
64	Rat Corticosteroid Binding Globulin: Primary Structure and Messenger Ribonucleic Acid Levels in the Liver under Different Physiological Conditions. Molecular Endocrinology, 1989, 3, 420-426.	3.7	43
65	HydroLinkTM gel electrophoresis (HLGE). II. Applications of a new polymer matrix to dsDNA analysis. Journal of Proteomics, 1989, 19, 51-64.	2.4	14
66	HydroLinkTM gel electrophoresis (HLGE). III. High DNA loading capacity and recovery of dsDNA. Journal of Proteomics, 1989, 19, 65-73.	2.4	14
67	Specificity of sensory projections to the spinal cord during development in bullfrogs. Journal of Comparative Neurology, 1988, 269, 96-108.	0.9	36
68	Corticosteroid binding globulin, testosterone-estradiol binding globulin, and androgen binding protein belong to protein families distinct from steroid receptors. The Journal of Steroid Biochemistry, 1988, 30, 131-139.	1.3	12
69	Peripheral Specification of Sensory Connections in the Spinal Cord. Brain, Behavior and Evolution, 1988, 31, 227-242.	0.9	28
70	Sensory neurons supplying touch domes near the body midlines project bilaterally in the thoracic spinal cord of rats. Journal of Comparative Neurology, 1986, 245, 541-552.	0.9	23
71	The development and postnatal organization of primary afferent projections to the rat thoracic spinal cord. Journal of Comparative Neurology, 1983, 220, 29-43.	0.9	194
72	Dissection of cytochrome P-450 isozymes (RLM) from fractions of untreated rat liver microsomal proteins. Biochemical and Biophysical Research Communications, 1982, 107, 1517-1523.	1.0	24

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73	Chromosomal nonhistone proteins of rat hepatomas and normal rat liver. Biochemical and Biophysical Research Communications, 1974, 60, 1468-1474.	1.0	24