Gary D Hammer

List of Publications by Citations

105 papers	8,848 citations	49 h-index	93 g-index
129 ext. papers	10,533 ext. citations	8.6 avg, IF	5.79 L-index

#	Paper	IF	Citations
105	Oncogenic Signaling Pathways in The Cancer Genome Atlas. *Cell*, **2018**, 173, 321-337.e10	56.2	1124
104	Diagnosis and Treatment of Primary Adrenal Insufficiency: An Endocrine Society Clinical Practice Guideline. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 364-89	5.6	769
103	WilmsStumor 1 and Dax-1 modulate the orphan nuclear receptor SF-1 in sex-specific gene expression. *Cell*, **1998**, 93, 445-54	56.2	509
102	Adrenocortical carcinoma. *Endocrine Reviews*, **2014**, 35, 282-326	27.2	479
101	Phosphorylation of the nuclear receptor SF-1 modulates cofactor recruitment: integration of hormone signaling in reproduction and stress. *Molecular Cell*, **1999**, 3, 521-6	17.6	330
100	Comprehensive Pan-Genomic Characterization of Adrenocortical Carcinoma. *Cancer Cell*, **2016**, 29, 723-736	24.3	324
99	Molecular classification and prognostication of adrenocortical tumors by transcriptome profiling. *Clinical Cancer Research*, **2009**, 15, 668-76	12.9	294
98	Transsphenoidal microsurgery for Cushing's disease: initial outcome and long-term results. *Journal of Clinical Endocrinology and Metabolism*, **2004**, 89, 6348-57	5.6	293
97	Linsitinib (OSI-906) versus placebo for patients with locally advanced or metastatic adrenocortical carcinoma: a double-blind, randomised, phase 3 study. *Lancet Oncology, The*, **2015**, 16, 426-35	21.7	209
96	Safety, tolerability, and pharmacokinetics of the anti-IGF-1R monoclonal antibody figitumumab in patients with refractory adrenocortical carcinoma. *Cancer Chemotherapy and Pharmacology*, **2010**, 65, 765-73	3.5	153
95	Preclinical targeting of the type I insulin-like growth factor receptor in adrenocortical carcinoma. *Journal of Clinical Endocrinology and Metabolism*, **2009**, 94, 204-12	5.6	150
94	Targeted disruption of beta-catenin in Sf1-expressing cells impairs development and maintenance of the adrenal cortex. *Development (Cambridge)*, **2008**, 135, 2593-602	6.6	141
93	Telomere protection by mammalian Pot1 requires interaction with Tpp1. *Nature Structural and Molecular Biology*, **2007**, 14, 754-61	17.6	140
92	Recent insights into organogenesis of the adrenal cortex. *Trends in Endocrinology and Metabolism*, **2002**, 13, 200-8	8.8	139
91	Epigenetic silencing of engineered L1 retrotransposition events in human embryonic carcinoma cells. *Nature*, **2010**, 466, 769-73	50.4	134
90	Adrenocortical carcinoma is a lynch syndrome-associated cancer. *Journal of Clinical Oncology*, **2013**, 31, 3012-8	2.2	128
89	Progression to adrenocortical tumorigenesis in mice and humans through insulin-like growth factor 2 and β-catenin. *American Journal of Pathology*, **2012**, 181, 1017-33	5.8	124

88	Adjuvant therapies and patient and tumor characteristics associated with survival of adult patients with adrenocortical carcinoma. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, 455-61	5.6	123
87	Minireview: transcriptional regulation of adrenocortical development. *Endocrinology*, **2005**, 146, 1018-24	4.8	103
86	In search of adrenocortical stem and progenitor cells. *Endocrine Reviews*, **2009**, 30, 241-63	27.2	100
85	Urogenital and caudal dysgenesis in adrenocortical dysplasia (acd) mice is caused by a splicing mutation in a novel telomeric regulator. *Human Molecular Genetics*, **2005**, 14, 113-23	5.6	95
84	Dax-1 and steroid receptor RNA activator (SRA) function as transcriptional coactivators for steroidogenic factor 1 in steroidogenesis. *Molecular and Cellular Biology*, **2009**, 29, 1719-34	4.8	92
83	Prognostic role of overt hypercortisolism in completely operated patients with adrenocortical cancer. *European Urology*, **2014**, 65, 832-8	10.2	87
82	Reciprocal regulation of a glucocorticoid receptor-steroidogenic factor-1 transcription complex on the Dax-1 promoter by glucocorticoids and adrenocorticotropic hormone in the adrenal cortex. *Molecular Endocrinology*, **2006**, 20, 2711-23		85
81	Development of adrenal cortex zonation. *Endocrinology and Metabolism Clinics of North America*, **2015**, 44, 243-74	5.5	79
80	Genetic analysis of adrenal absence: agenesis and aplasia. *Trends in Endocrinology and Metabolism*, **2005**, 16, 458-68	8.8	79
79	Steroidogenic factor-1: its role in endocrine organ development and differentiation. *Frontiers in Neuroendocrinology*, **1999**, 20, 199-223	8.9	75
78	Interaction between Dax-1 and steroidogenic factor-1 in vivo: increased adrenal responsiveness to ACTH in the absence of Dax-1. *Endocrinology*, **2002**, 143, 665-73	4.8	74
77	Steroidogenic factor-1 is essential for compensatory adrenal growth following unilateral adrenalectomy. *Endocrinology*, **2002**, 143, 3122-35	4.8	72
76	Activin induces x-zone apoptosis that inhibits luteinizing hormone-dependent adrenocortical tumor formation in inhibin-deficient mice. *Molecular and Cellular Biology*, **2003**, 23, 3951-64	4.8	69
75	Convergence of Wnt signaling and steroidogenic factor-1 (SF-1) on transcription of the rat inhibin alpha gene. *Journal of Biological Chemistry*, **2003**, 278, 26572-9	5.4	69
74	Genetics and epigenetics of adrenocortical tumors. *Molecular and Cellular Endocrinology*, **2014**, 386, 67-84	4.4	67
73	Prevalence of germline TP53 mutations in a prospective series of unselected patients with adrenocortical carcinoma. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, E119-25	5.6	66
72	Worsening central sarcopenia and increasing intra-abdominal fat correlate with decreased survival in patients with adrenocortical carcinoma. *World Journal of Surgery*, **2012**, 36, 1509-16	3.3	66
71	Molecular Heterogeneity in Aldosterone-Producing Adenomas. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 999-1007	5.6	64

70	Adrenocorticotropic hormone-mediated signaling cascades coordinate a cyclic pattern of steroidogenic factor 1-dependent transcriptional activation. *Molecular Endocrinology*, **2006**, 20, 147-66		64
69	The combination of insulin-like growth factor receptor 1 (IGF1R) antibody cixutumumab and mitotane as a first-line therapy for patients with recurrent/metastatic adrenocortical carcinoma: a multi-institutional NCI-sponsored trial. *Hormones and Cancer*, **2014**, 5, 232-9	5	59
68	Ectopic pro-opiomelanocortin syndrome. *Endocrinology and Metabolism Clinics of North America*, **2002**, 31, 191-234	5.5	59
67	T-cell factor 4N (TCF-4N), a novel isoform of mouse TCF-4, synergizes with beta-catenin to coactivate C/EBPalpha and steroidogenic factor 1 transcription factors. *Molecular and Cellular Biology*, **2003**, 23, 5366-75	4.8	58
66	Origin and identity of adrenocortical tumors in inhibin knockout mice: implications for cellular plasticity in the adrenal cortex. *Molecular Endocrinology*, **2006**, 20, 2848-63		55
65	Wnt signaling inhibits adrenal steroidogenesis by cell-autonomous and non-cell-autonomous mechanisms. *Molecular Endocrinology*, **2014**, 28, 1471-86		54
64	Fetal adrenal capsular cells serve as progenitor cells for steroidogenic and stromal adrenocortical cell lineages in M. musculus. *Development (Cambridge)*, **2013**, 140, 4522-32	6.6	53
63	Proposal for modification of the ENSAT staging system for adrenocortical carcinoma using tumor grade. *Langenbeckŀs Archives of Surgery*, **2010**, 395, 955-61	3.4	53
62	Regulation of the adrenocortical stem cell niche: implications for disease. *Nature Reviews Endocrinology*, **2015**, 11, 14-28	15.2	52
61	Adjuvant radiation therapy improves local control after surgical resection in patients with localized adrenocortical carcinoma. *International Journal of Radiation Oncology Biology Physics*, **2015**, 92, 252-9	4	51
60	Dax1 up-regulates Oct4 expression in mouse embryonic stem cells via LRH-1 and SRA. *Molecular Endocrinology*, **2010**, 24, 2281-91		51
59	Genetic removal of Smad3 from inhibin-null mice attenuates tumor progression by uncoupling extracellular mitogenic signals from the cell cycle machinery. *Molecular Endocrinology*, **2007**, 21, 2440-57		51
58	Adrenocortical cells with stem/progenitor cell properties: recent advances. *Molecular and Cellular Endocrinology*, **2007**, 265-266, 10-6	4.4	50
57	Genetic p53 deficiency partially rescues the adrenocortical dysplasia phenotype at the expense of increased tumorigenesis. *Cancer Cell*, **2009**, 15, 465-76	24.3	49
56	Pituitary-specific and hormonally regulated gene expression directed by the rat proopiomelanocortin promoter in transgenic mice. *Molecular Endocrinology*, **1990**, 4, 1689-97		49
55	Adrenocortical stem and progenitor cells: unifying model of two proposed origins. *Molecular and Cellular Endocrinology*, **2011**, 336, 206-12	4.4	47
54	SUMOylation inhibits SF-1 activity by reducing CDK7-mediated serine 203 phosphorylation. *Molecular and Cellular Biology*, **2009**, 29, 613-25	4.8	47
53	Evidence of adrenal failure in aging Dax1-deficient mice. *Endocrinology*, **2011**, 152, 3430-9	4.8	47

52	The molecular genetics of adrenocortical carcinoma. *Reviews in Endocrine and Metabolic Disorders*, **2007**, 8, 343-8	10.5	46
51	ATR-101, a Selective and Potent Inhibitor of Acyl-CoA Acyltransferase 1, Induces Apoptosis in H295R Adrenocortical Cells and in the Adrenal Cortex of Dogs. *Endocrinology*, **2016**, 157, 1775-88	4.8	46
50	Abiraterone acetate to lower androgens in women with classic 21-hydroxylase deficiency. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, 2763-70	5.6	45
49	Evaluation of telomere length maintenance mechanisms in adrenocortical carcinoma. *Journal of Clinical Endocrinology and Metabolism*, **2008**, 93, 1442-9	5.6	42
48	Transcutaneous biopsy of adrenocortical carcinoma is rarely helpful in diagnosis, potentially harmful, but does not affect patient outcome. *European Journal of Endocrinology*, **2014**, 170, 829-35	6.5	41
47	Adrenocortical stem and progenitor cells: implications for adrenocortical carcinoma. *Molecular and Cellular Endocrinology*, **2012**, 351, 2-11	4.4	38
46	Hedgehog signaling and steroidogenesis. *Annual Review of Physiology*, **2015**, 77, 105-29	23.1	38
45	GSK3beta and beta-catenin modulate radiation cytotoxicity in pancreatic cancer. *Neoplasia*, **2010**, 12, 357-65	6.4	38
44	A ZNRF3-dependent Wnt/Ecatenin signaling gradient is required for adrenal homeostasis. *Genes and Development*, **2019**, 33, 209-220	12.6	35
43	Sonic Hedgehog and WNT Signaling Promote Adrenal Gland Regeneration in Male Mice. *Endocrinology*, **2018**, 159, 579-596	4.8	34
42	Inhibin-A antagonizes TGFbeta2 signaling by down-regulating cell surface expression of the TGFbeta coreceptor betaglycan. *Molecular Endocrinology*, **2010**, 24, 608-20		34
41	Gonadectomy in mice of the inbred strain CE/J induces proliferation of sub-capsular adrenal cells expressing gonadal marker genes. *Journal of Endocrinology*, **2006**, 190, 47-57	4.7	32
40	Upregulated JAG1 enhances cell proliferation in adrenocortical carcinoma. *Clinical Cancer Research*, **2012**, 18, 2452-64	12.9	30
39	Targeted Assessment of Methylation Identifies a Rapidly Recurrent, Routinely Fatal Molecular Subtype of Adrenocortical Carcinoma. *Clinical Cancer Research*, **2019**, 25, 3276-3288	12.9	29
38	LRH-1 and Nanog regulate Dax1 transcription in mouse embryonic stem cells. *Molecular and Cellular Endocrinology*, **2011**, 332, 116-24	4.4	29
37	Tpp1/Acd maintains genomic stability through a complex role in telomere protection. *Chromosome Research*, **2007**, 15, 1001-13	4.4	28
36	Therapeutic Targets for Adrenocortical Carcinoma in the Genomics Era. *Journal of the Endocrine Society*, **2018**, 2, 1259-1274	0.4	28
35	Mebendazole monotherapy and long-term disease control in metastatic adrenocortical carcinoma. *Endocrine Practice*, **2011**, 17, e59-62	3.2	27

34	The effects of naloxone administered into the periaqueductal gray on shock-elicited freezing behavior in the rat. *Behavioral and Neural Biology*, **1986**, 46, 189-95		27
33	Double adrenocortical adenomas harboring independent KCNJ5 and PRKACA somatic mutations. *European Journal of Endocrinology*, **2016**, 175, K1-6	6.5	26
32	Longitudinal patterns of recurrence in patients with adrenocortical carcinoma. *Surgery*, **2019**, 165, 186-195	3.6	25
31	Interaction Between Dax-1 and Steroidogenic Factor-1 in Vivo: Increased Adrenal Responsiveness to ACTH in the Absence of Dax-1		24
30	POD-1 binding to the E-box sequence inhibits SF-1 and StAR expression in human adrenocortical tumor cells. *Molecular and Cellular Endocrinology*, **2013**, 371, 140-7	4.4	21
29	Adjuvant Radiation Improves Recurrence-Free Survival and Overall Survival in Adrenocortical Carcinoma. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 3743-3750	5.6	19
28	Adrenocortical carcinoma and succinate dehydrogenase gene mutations: an observational case series. *European Journal of Endocrinology*, **2017**, 177, 439-444	6.5	19
27	Dicer deficiency reveals microRNAs predicted to control gene expression in the developing adrenal cortex. *Molecular Endocrinology*, **2013**, 27, 754-68		19
26	Steroidogenic Factor-1 Is Essential for Compensatory Adrenal Growth Following Unilateral Adrenalectomy		18
25	Withanolides are potent novel targeted therapeutic agents against adrenocortical carcinomas. *World Journal of Surgery*, **2014**, 38, 1343-52	3.3	16
24	Cell signaling pathways in the adrenal cortex: Links to stem/progenitor biology and neoplasia. *Molecular and Cellular Endocrinology*, **2017**, 445, 42-54	4.4	14
23	Aged PROP1 deficient dwarf mice maintain ACTH production. *PLoS ONE*, **2011**, 6, e28355	3.7	12
22	Mouse models of adrenocortical tumors. *Molecular and Cellular Endocrinology*, **2016**, 421, 82-97	4.4	11
21	Timing of adrenal regression controlled by synergistic interaction between Sf1 SUMOylation and Dax1. *Development (Cambridge)*, **2017**, 144, 3798-3807	6.6	11
20	IMAGe association and congenital adrenal hypoplasia: no disease-causing mutations found in the ACD gene. *Molecular Genetics and Metabolism*, **2006**, 88, 66-70	3.7	11
19	Role of phosphorylation, gene dosage and Dax-1 in SF-1 mediated steroidogenesis. *Endocrine Research*, **2000**, 26, 985-94	1.9	10
18	Management of adrenocortical carcinoma. *Journal of the National Comprehensive Cancer Network: JNCCN*, **2009**, 7, 752-8; quiz 759	7.3	8
17	Nutritional conditions regulate transcriptional activity of SF-1 by controlling sumoylation and ubiquitination. *Scientific Reports*, **2016**, 6, 19143	4.9	7

16	Stem cell function and plasticity in the normal physiology of the adrenal cortex. *Molecular and Cellular Endocrinology*, **2021**, 519, 111043	4.4	7
15	An oncocytic adrenal tumour in a patient with Birt-Hogg-Dub□syndrome. *Clinical Endocrinology*, **2014**, 80, 925-7	3.4	6
14	Targeted RNAseq of Formalin-Fixed Paraffin-Embedded Tissue to Differentiate Among Benign and Malignant Adrenal Cortical Tumors. *Hormone and Metabolic Research*, **2020**, 52, 607-613	3.1	6
13	What Did We Learn from the Molecular Biology of Adrenal Cortical Neoplasia? From Histopathology to Translational Genomics. *Endocrine Pathology*, **2021**, 32, 102-133	4.2	6
12	Novel polymorphisms and lack of mutations in the ACD gene in patients with ACTH resistance syndromes. *Clinical Endocrinology*, **2007**, 67, 168-74	3.4	5
11	Regulation of stem and progenitor cells in the adrenal cortex. *Current Opinion in Endocrine and Metabolic Research*, **2019**, 8, 66-71	1.7	4
10	New strategies for applying targeted therapies to adrenocortical carcinoma. *Current Opinion in Endocrine and Metabolic Research*, **2019**, 8, 72-79	1.7	4
9	Somatic mutations in adrenocortical carcinoma with primary aldosteronism or hyperreninemic hyperaldosteronism. *Endocrine-Related Cancer*, **2019**, 26, 217-225	5.7	4
8	Mechanistic roles of inhibin as a tumor suppressor in the adrenal cortex. *Endocrine Research*, **2004**, 30, 585-6	1.9	2
7	Isolation, Fixation, and Immunofluorescence Imaging of Mouse Adrenal Glands. *Journal of Visualized Experiments*, **2018**,	1.6	2
6	Adrenal Development **2014**, 5-27		1
5	Adrenal cancer: scientific advances. *Molecular and Cellular Endocrinology*, **2012**, 351, 1	4.4	1
4	Gary D Hammer on the improvement of patient care in endocrine neoplasia. *International Journal of Endocrine Oncology*, **2019**, 6, IJE24	0.3	1
3	□catenin in adrenal zonation and disease. *Molecular and Cellular Endocrinology*, **2021**, 522, 111120	4.4	0
2	Genetics of Adrenal Tumors **2014**, 313-321		
1	Adrenocortical Stem and Progenitor Cells: Implications for Cancer **2009**, 285-304		