

# Gary D Hammer

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Stem cell function and plasticity in the normal physiology of the adrenal cortex. <i>Molecular and Cellular Endocrinology</i> , <b>2021</b> , 519, 111043	4.4	7
104	Ecaterin in adrenal zonation and disease. <i>Molecular and Cellular Endocrinology</i> , <b>2021</b> , 522, 111120	4.4	0
103	What Did We Learn from the Molecular Biology of Adrenal Cortical Neoplasia? From Histopathology to Translational Genomics. <i>Endocrine Pathology</i> , <b>2021</b> , 32, 102-133	4.2	6
102	Targeted RNAseq of Formalin-Fixed Paraffin-Embedded Tissue to Differentiate Among Benign and Malignant Adrenal Cortical Tumors. <i>Hormone and Metabolic Research</i> , <b>2020</b> , 52, 607-613	3.1	6
101	Regulation of stem and progenitor cells in the adrenal cortex. <i>Current Opinion in Endocrine and Metabolic Research</i> , <b>2019</b> , 8, 66-71	1.7	4
100	A ZNRF3-dependent Wnt/Ecaterin signaling gradient is required for adrenal homeostasis. <i>Genes and Development</i> , <b>2019</b> , 33, 209-220	12.6	35
99	Targeted Assessment of Methylation Identifies a Rapidly Recurrent, Routinely Fatal Molecular Subtype of Adrenocortical Carcinoma. <i>Clinical Cancer Research</i> , <b>2019</b> , 25, 3276-3288	12.9	29
98	New strategies for applying targeted therapies to adrenocortical carcinoma. <i>Current Opinion in Endocrine and Metabolic Research</i> , <b>2019</b> , 8, 72-79	1.7	4
97	Adjuvant Radiation Improves Recurrence-Free Survival and Overall Survival in Adrenocortical Carcinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 3743-3750	5.6	19
96	Somatic mutations in adrenocortical carcinoma with primary aldosteronism or hyperreninemic hyperaldosteronism. <i>Endocrine-Related Cancer</i> , <b>2019</b> , 26, 217-225	5.7	4
95	Gary D Hammer on the improvement of patient care in endocrine neoplasia. <i>International Journal of Endocrine Oncology</i> , <b>2019</b> , 6, IJE24	0.3	1
94	Longitudinal patterns of recurrence in patients with adrenocortical carcinoma. <i>Surgery</i> , <b>2019</b> , 165, 186-195	3.5	25
93	Oncogenic Signaling Pathways in The Cancer Genome Atlas. <i>Cell</i> , <b>2018</b> , 173, 321-337.e10	56.2	1124
92	Sonic Hedgehog and WNT Signaling Promote Adrenal Gland Regeneration in Male Mice. <i>Endocrinology</i> , <b>2018</b> , 159, 579-596	4.8	34
91	Therapeutic Targets for Adrenocortical Carcinoma in the Genomics Era. <i>Journal of the Endocrine Society</i> , <b>2018</b> , 2, 1259-1274	0.4	28
90	Isolation, Fixation, and Immunofluorescence Imaging of Mouse Adrenal Glands. <i>Journal of Visualized Experiments</i> , <b>2018</b> ,	1.6	2
89	Cell signaling pathways in the adrenal cortex: Links to stem/progenitor biology and neoplasia. <i>Molecular and Cellular Endocrinology</i> , <b>2017</b> , 445, 42-54	4.4	14

88	Timing of adrenal regression controlled by synergistic interaction between Sf1 SUMOylation and Dax1. <i>Development (Cambridge)</i> , <b>2017</b> , 144, 3798-3807	6.6	11
87	Adrenocortical carcinoma and succinate dehydrogenase gene mutations: an observational case series. <i>European Journal of Endocrinology</i> , <b>2017</b> , 177, 439-444	6.5	19
86	Nutritional conditions regulate transcriptional activity of SF-1 by controlling sumoylation and ubiquitination. <i>Scientific Reports</i> , <b>2016</b> , 6, 19143	4.9	7
85	Diagnosis and Treatment of Primary Adrenal Insufficiency: An Endocrine Society Clinical Practice Guideline. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 364-89	5.6	769
84	Molecular Heterogeneity in Aldosterone-Producing Adenomas. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 999-1007	5.6	64
83	Mouse models of adrenocortical tumors. <i>Molecular and Cellular Endocrinology</i> , <b>2016</b> , 421, 82-97	4.4	11
82	Double adrenocortical adenomas harboring independent KCNJ5 and PRKACA somatic mutations. <i>European Journal of Endocrinology</i> , <b>2016</b> , 175, K1-6	6.5	26
81	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. <i>Endocrinology</i> , <b>2016</b> , 157, 1775-88	4.8	46
80	Comprehensive Pan-Genomic Characterization of Adrenocortical Carcinoma. <i>Cancer Cell</i> , <b>2016</b> , 29, 723-736	24.3	324
79	Adjuvant radiation therapy improves local control after surgical resection in patients with localized adrenocortical carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2015</b> , 92, 252-9	4	51
78	Linsitinib (OSI-906) versus placebo for patients with locally advanced or metastatic adrenocortical carcinoma: a double-blind, randomised, phase 3 study. <i>Lancet Oncology, The</i> , <b>2015</b> , 16, 426-35	21.7	209
77	Regulation of the adrenocortical stem cell niche: implications for disease. <i>Nature Reviews Endocrinology</i> , <b>2015</b> , 11, 14-28	15.2	52
76	Development of adrenal cortex zonation. <i>Endocrinology and Metabolism Clinics of North America</i> , <b>2015</b> , 44, 243-74	5.5	79
75	Hedgehog signaling and steroidogenesis. <i>Annual Review of Physiology</i> , <b>2015</b> , 77, 105-29	23.1	38
74	Prognostic role of overt hypercortisolism in completely operated patients with adrenocortical cancer. <i>European Urology</i> , <b>2014</b> , 65, 832-8	10.2	87
73	Genetics of Adrenal Tumors <b>2014</b> , 313-321		
72	Adrenal Development <b>2014</b> , 5-27		1
71	Adjuvant therapies and patient and tumor characteristics associated with survival of adult patients with adrenocortical carcinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 99, 455-61	5.6	123

70	An oncocytic adrenal tumour in a patient with Birt-Hogg-Dubé syndrome. <i>Clinical Endocrinology</i> , <b>2014</b> , 80, 925-7	3.4	6
69	Wnt signaling inhibits adrenal steroidogenesis by cell-autonomous and non-cell-autonomous mechanisms. <i>Molecular Endocrinology</i> , <b>2014</b> , 28, 1471-86		54
68	Abiraterone acetate to lower androgens in women with classic 21-hydroxylase deficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 99, 2763-70	5.6	45
67	Withanolides are potent novel targeted therapeutic agents against adrenocortical carcinomas. <i>World Journal of Surgery</i> , <b>2014</b> , 38, 1343-52	3.3	16
66	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. <i>Hormones and Cancer</i> , <b>2014</b> , 5, 232-9	5	59
65	Genetics and epigenetics of adrenocortical tumors. <i>Molecular and Cellular Endocrinology</i> , <b>2014</b> , 386, 67-84	4.4	67
64	Transcutaneous biopsy of adrenocortical carcinoma is rarely helpful in diagnosis, potentially harmful, but does not affect patient outcome. <i>European Journal of Endocrinology</i> , <b>2014</b> , 170, 829-35	6.5	41
63	Adrenocortical carcinoma. <i>Endocrine Reviews</i> , <b>2014</b> , 35, 282-326	27.2	479
62	Prevalence of germline TP53 mutations in a prospective series of unselected patients with adrenocortical carcinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2013</b> , 98, E119-25	5.6	66
61	POD-1 binding to the E-box sequence inhibits SF-1 and StAR expression in human adrenocortical tumor cells. <i>Molecular and Cellular Endocrinology</i> , <b>2013</b> , 371, 140-7	4.4	21
60	Dicer deficiency reveals microRNAs predicted to control gene expression in the developing adrenal cortex. <i>Molecular Endocrinology</i> , <b>2013</b> , 27, 754-68		19
59	Adrenocortical carcinoma is a lynch syndrome-associated cancer. <i>Journal of Clinical Oncology</i> , <b>2013</b> , 31, 3012-8	2.2	128
58	Fetal adrenal capsular cells serve as progenitor cells for steroidogenic and stromal adrenocortical cell lineages in M. musculus. <i>Development (Cambridge)</i> , <b>2013</b> , 140, 4522-32	6.6	53
57	Adrenal cancer: scientific advances. <i>Molecular and Cellular Endocrinology</i> , <b>2012</b> , 351, 1	4.4	1
56	Adrenocortical stem and progenitor cells: implications for adrenocortical carcinoma. <i>Molecular and Cellular Endocrinology</i> , <b>2012</b> , 351, 2-11	4.4	38
55	Progression to adrenocortical tumorigenesis in mice and humans through insulin-like growth factor 2 and Eatenin. <i>American Journal of Pathology</i> , <b>2012</b> , 181, 1017-33	5.8	124
54	Upregulated JAG1 enhances cell proliferation in adrenocortical carcinoma. <i>Clinical Cancer Research</i> , <b>2012</b> , 18, 2452-64	12.9	30
53	Worsening central sarcopenia and increasing intra-abdominal fat correlate with decreased survival in patients with adrenocortical carcinoma. <i>World Journal of Surgery</i> , <b>2012</b> , 36, 1509-16	3.3	66

52	Mebendazole monotherapy and long-term disease control in metastatic adrenocortical carcinoma. <i>Endocrine Practice</i> , <b>2011</b> , 17, e59-62	3.2	27
51	LRH-1 and Nanog regulate Dax1 transcription in mouse embryonic stem cells. <i>Molecular and Cellular Endocrinology</i> , <b>2011</b> , 332, 116-24	4.4	29
50	Adrenocortical stem and progenitor cells: unifying model of two proposed origins. <i>Molecular and Cellular Endocrinology</i> , <b>2011</b> , 336, 206-12	4.4	47
49	Evidence of adrenal failure in aging Dax1-deficient mice. <i>Endocrinology</i> , <b>2011</b> , 152, 3430-9	4.8	47
48	Aged PROP1 deficient dwarf mice maintain ACTH production. <i>PLoS ONE</i> , <b>2011</b> , 6, e28355	3.7	12
47	Epigenetic silencing of engineered L1 retrotransposition events in human embryonic carcinoma cells. <i>Nature</i> , <b>2010</b> , 466, 769-73	50.4	134
46	Inhibin-A antagonizes TGFbeta2 signaling by down-regulating cell surface expression of the TGFbeta coreceptor betaglycan. <i>Molecular Endocrinology</i> , <b>2010</b> , 24, 608-20		34
45	Dax1 up-regulates Oct4 expression in mouse embryonic stem cells via LRH-1 and SRA. <i>Molecular Endocrinology</i> , <b>2010</b> , 24, 2281-91		51
44	GSK3beta and beta-catenin modulate radiation cytotoxicity in pancreatic cancer. <i>Neoplasia</i> , <b>2010</b> , 12, 357-65	6.4	38
43	Safety, tolerability, and pharmacokinetics of the anti-IGF-1R monoclonal antibody figitumumab in patients with refractory adrenocortical carcinoma. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2010</b> , 65, 765-73	3.5	153
42	Proposal for modification of the ENSAT staging system for adrenocortical carcinoma using tumor grade. <i>Langenbeck's Archives of Surgery</i> , <b>2010</b> , 395, 955-61	3.4	53
41	Dax-1 and steroid receptor RNA activator (SRA) function as transcriptional coactivators for steroidogenic factor 1 in steroidogenesis. <i>Molecular and Cellular Biology</i> , <b>2009</b> , 29, 1719-34	4.8	92
40	SUMOylation inhibits SF-1 activity by reducing CDK7-mediated serine 203 phosphorylation. <i>Molecular and Cellular Biology</i> , <b>2009</b> , 29, 613-25	4.8	47
39	In search of adrenocortical stem and progenitor cells. <i>Endocrine Reviews</i> , <b>2009</b> , 30, 241-63	27.2	100
38	Preclinical targeting of the type I insulin-like growth factor receptor in adrenocortical carcinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2009</b> , 94, 204-12	5.6	150
37	Molecular classification and prognostication of adrenocortical tumors by transcriptome profiling. <i>Clinical Cancer Research</i> , <b>2009</b> , 15, 668-76	12.9	294
36	Genetic p53 deficiency partially rescues the adrenocortical dysplasia phenotype at the expense of increased tumorigenesis. <i>Cancer Cell</i> , <b>2009</b> , 15, 465-76	24.3	49
35	Management of adrenocortical carcinoma. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , <b>2009</b> , 7, 752-8; quiz 759	7.3	8

34	Adrenocortical Stem and Progenitor Cells: Implications for Cancer <b>2009</b> , 285-304		
33	Targeted disruption of beta-catenin in Sf1-expressing cells impairs development and maintenance of the adrenal cortex. <i>Development (Cambridge)</i> , <b>2008</b> , 135, 2593-602	6.6	141
32	Evaluation of telomere length maintenance mechanisms in adrenocortical carcinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2008</b> , 93, 1442-9	5.6	42
31	Telomere protection by mammalian Pot1 requires interaction with Tpp1. <i>Nature Structural and Molecular Biology</i> , <b>2007</b> , 14, 754-61	17.6	140
30	Novel polymorphisms and lack of mutations in the ACD gene in patients with ACTH resistance syndromes. <i>Clinical Endocrinology</i> , <b>2007</b> , 67, 168-74	3.4	5
29	The molecular genetics of adrenocortical carcinoma. <i>Reviews in Endocrine and Metabolic Disorders</i> , <b>2007</b> , 8, 343-8	10.5	46
28	Tpp1/Acd maintains genomic stability through a complex role in telomere protection. <i>Chromosome Research</i> , <b>2007</b> , 15, 1001-13	4.4	28
27	Genetic removal of Smad3 from inhibin-null mice attenuates tumor progression by uncoupling extracellular mitogenic signals from the cell cycle machinery. <i>Molecular Endocrinology</i> , <b>2007</b> , 21, 2440-57		51
26	Adrenocortical cells with stem/progenitor cell properties: recent advances. <i>Molecular and Cellular Endocrinology</i> , <b>2007</b> , 265-266, 10-6	4.4	50
25	Origin and identity of adrenocortical tumors in inhibin knockout mice: implications for cellular plasticity in the adrenal cortex. <i>Molecular Endocrinology</i> , <b>2006</b> , 20, 2848-63		55
24	Reciprocal regulation of a glucocorticoid receptor-steroidogenic factor-1 transcription complex on the Dax-1 promoter by glucocorticoids and adrenocorticotrophic hormone in the adrenal cortex. <i>Molecular Endocrinology</i> , <b>2006</b> , 20, 2711-23		85
23	Adrenocorticotrophic hormone-mediated signaling cascades coordinate a cyclic pattern of steroidogenic factor 1-dependent transcriptional activation. <i>Molecular Endocrinology</i> , <b>2006</b> , 20, 147-66		64
22	Gonadectomy in mice of the inbred strain CE/J induces proliferation of sub-capsular adrenal cells expressing gonadal marker genes. <i>Journal of Endocrinology</i> , <b>2006</b> , 190, 47-57	4.7	32
21	IMAGe association and congenital adrenal hypoplasia: no disease-causing mutations found in the ACD gene. <i>Molecular Genetics and Metabolism</i> , <b>2006</b> , 88, 66-70	3.7	11
20	Genetic analysis of adrenal absence: agenesis and aplasia. <i>Trends in Endocrinology and Metabolism</i> , <b>2005</b> , 16, 458-68	8.8	79
19	Minireview: transcriptional regulation of adrenocortical development. <i>Endocrinology</i> , <b>2005</b> , 146, 1018-24.	4.8	103
18	Urogenital and caudal dysgenesis in adrenocortical dysplasia (acd) mice is caused by a splicing mutation in a novel telomeric regulator. <i>Human Molecular Genetics</i> , <b>2005</b> , 14, 113-23	5.6	95
17	Mechanistic roles of inhibin as a tumor suppressor in the adrenal cortex. <i>Endocrine Research</i> , <b>2004</b> , 30, 585-6	1.9	2

16	Transsphenoidal microsurgery for Cushing's disease: initial outcome and long-term results. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 6348-57	5.6	293
15	Activin induces x-zone apoptosis that inhibits luteinizing hormone-dependent adrenocortical tumor formation in inhibin-deficient mice. <i>Molecular and Cellular Biology</i> , <b>2003</b> , 23, 3951-64	4.8	69
14	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. <i>Molecular and Cellular Biology</i> , <b>2003</b> , 23, 5366-75	4.8	58
13	Convergence of Wnt signaling and steroidogenic factor-1 (SF-1) on transcription of the rat inhibin alpha gene. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 26572-9	5.4	69
12	Interaction between Dax-1 and steroidogenic factor-1 in vivo: increased adrenal responsiveness to ACTH in the absence of Dax-1. <i>Endocrinology</i> , <b>2002</b> , 143, 665-73	4.8	74
11	Steroidogenic factor-1 is essential for compensatory adrenal growth following unilateral adrenalectomy. <i>Endocrinology</i> , <b>2002</b> , 143, 3122-35	4.8	72
10	Recent insights into organogenesis of the adrenal cortex. <i>Trends in Endocrinology and Metabolism</i> , <b>2002</b> , 13, 200-8	8.8	139
9	Ectopic pro-opiomelanocortin syndrome. <i>Endocrinology and Metabolism Clinics of North America</i> , <b>2002</b> , 31, 191-234	5.5	59
8	Role of phosphorylation, gene dosage and Dax-1 in SF-1 mediated steroidogenesis. <i>Endocrine Research</i> , <b>2000</b> , 26, 985-94	1.9	10
7	Steroidogenic factor-1: its role in endocrine organ development and differentiation. <i>Frontiers in Neuroendocrinology</i> , <b>1999</b> , 20, 199-223	8.9	75
6	Phosphorylation of the nuclear receptor SF-1 modulates cofactor recruitment: integration of hormone signaling in reproduction and stress. <i>Molecular Cell</i> , <b>1999</b> , 3, 521-6	17.6	330
5	WilmsTumor 1 and Dax-1 modulate the orphan nuclear receptor SF-1 in sex-specific gene expression. <i>Cell</i> , <b>1998</b> , 93, 445-54	56.2	509
4	Pituitary-specific and hormonally regulated gene expression directed by the rat proopiomelanocortin promoter in transgenic mice. <i>Molecular Endocrinology</i> , <b>1990</b> , 4, 1689-97		49
3	The effects of naloxone administered into the periaqueductal gray on shock-elicited freezing behavior in the rat. <i>Behavioral and Neural Biology</i> , <b>1986</b> , 46, 189-95		27
2	Interaction Between Dax-1 and Steroidogenic Factor-1 in Vivo: Increased Adrenal Responsiveness to ACTH in the Absence of Dax-1		24
1	Steroidogenic Factor-1 Is Essential for Compensatory Adrenal Growth Following Unilateral Adrenalectomy		18