Sunita K Agarwal

List of Publications by Year
in descending order

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85 papers	8,993 citations	71102 41 h-index	58581 82 g-index
86 all docs	86 docs citations	86 times ranked	4713 citing authors

#	Article	IF	Citations
1	Positional Cloning of the Gene for Multiple Endocrine Neoplasia-Type 1. Science, 1997, 276, 404-407.	12.6	1,886
2	HRPT2, encoding parafibromin, is mutated in hyperparathyroidismâ€“jaw tumor syndrome. Nature Genetics, 2002, 32, 676-680.	21.4	686
3	Menin Interacts with the AP1 Transcription Factor JunD and Represses JunD-Activated Transcription. Cell, 1999, 96, 143-152.	28.9	569
4	Germline mutations of the MEN1 gene in familial multiple endocrine neoplasia type 1 and related states. Human Molecular Genetics, 1997, 6, 1169-1175.	2.9	415
5	Somatic mutation of the MEN1 gene in parathyroid tumours. Nature Genetics, 1997, 16, 375-378.	21.4	401
6	Rare Germline Mutations in Cyclin-Dependent Kinase Inhibitor Genes in Multiple Endocrine Neoplasia Type 1 and Related States. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 1826-1834.	3.6	288
7	Familial Isolated Hyperparathyroidism. Medicine (United States), 2002, 81, 1-26.	1.0	232
8	Identification of MEN1 gene mutations in sporadic carcinoid tumors of the lung. Human Molecular Genetics, 1997, 6, 2285-2290.	2.9	231
9	The tumor suppressor protein menin interacts with NF-Î¹B proteins and inhibits NF-Î¹B-mediated transactivation. Oncogene, 2001, 20, 4917-4925.	5.9	230
10	Genome-Wide Analysis of Menin Binding Provides Insights into MEN1 Tumorigenesis. PLoS Genetics, 2006, 2, e51.	3.5	193
11	Multiple endocrine neoplasia type 1: new clinical and basic findings. Trends in Endocrinology and Metabolism, 2001, 12, 173-178.	7.1	180
12	Parafibromin, product of the hyperparathyroidism-jaw tumor syndrome gene HRPT2, regulates cyclin D1/PRAD1 expression. Oncogene, 2005, 24, 1272-1276.	5.9	164
13	Familial Isolated Hyperparathyroidism Is Rarely Caused by Germline Mutation inHRPT2, the Gene for the Hyperparathyroidism-Jaw Tumor Syndrome. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 96-102.	3.6	162
14	Molecular Pathology of the MEN1 Gene. Annals of the New York Academy of Sciences, 2004, 1014, 189-198.	3.8	153
15	GermlineHABP2Mutation Causing Familial Nonmedullary Thyroid Cancer. New England Journal of Medicine, 2015, 373, 448-455.	27.0	128
16	Common ancestral mutations in theMEN1 gene is likely responsible for the prolactinoma variant of MEN1 (MEN1Burin) in four kindreds from Newfoundland. Human Mutation, 1998, 11, 264-269.	2.5	120
17	GCM2 -Activating Mutations in Familial Isolated Hyperparathyroidism. American Journal of Human Genetics, 2016, 99, 1034-1044.	6.2	119
18	A Transcript Map for the 2.8-Mb Region Containing the Multiple Endocrine Neoplasia Type 1â€‰Locus. Genome Research, 1997, 7, 725-735.	5.5	115

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19	Pituitary Macroadenoma in a 5-Year-Old: An Early Expression of Multiple Endocrine Neoplasia Type 1¹. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 4776-4780.	3.6	112
20	Menin Molecular Interactions: Insights into Normal Functions and Tumorigenesis. Hormone and Metabolic Research, 2005, 37, 369-374.	1.5	112
21	Transcription factor JunD, deprived of menin, switches from growth suppressor to growth promoter. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 10770-10775.	7.1	111
22	Dysfunctional growth hormone receptor in a strain of sex-linked dwarf chicken: evidence for a mutation in the intracellular domain. Journal of Endocrinology, 1994, 142, 427-434.	2.6	109
23	The 32-Kilodalton Subunit of Replication Protein A Interacts with Menin, the Product of the MEN1 Tumor Suppressor Gene. Molecular and Cellular Biology, 2003, 23, 493-509.	2.3	109
24	Epigenetic Regulation of the lncRNA MEG3 and Its Target c-MET in Pancreatic Neuroendocrine Tumors. Molecular Endocrinology, 2015, 29, 224-237.	3.7	107
25	Comparative Genomic Hybridization Analysis of Human Parathyroid Tumors. Cancer Genetics and Cytogenetics, 1998, 106, 30-36.	1.0	97
26	The Tumor Suppressor Protein Menin Inhibits AKT Activation by Regulating Its Cellular Localization. Cancer Research, 2011, 71, 371-382.	0.9	95
27	Pituitary Macroadenoma in a 5-Year-Old: An Early Expression of Multiple Endocrine Neoplasia Type 1. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 4776-4780.	3.6	94
28	Multiple Endocrine Neoplasia Type 1: Latest Insights. Endocrine Reviews, 2021, 42, 133-170.	20.1	85
29	The Parathyroid/Pituitary Variant of Multiple Endocrine Neoplasia Type 1 Usually Has Causes Other thanp27Kip1Mutations. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 1948-1951.	3.6	84
30	The adenine phosphoribosyltransferase-encoding gene of Arabidopsis thaliana. Gene, 1994, 143, 211-216.	2.2	79
31	MEN1Gene Analysis in Sporadic Adrenocortical Neoplasms¹. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 216-219.	3.6	79
32	The future: genetics advances in MEN1 therapeutic approaches and management strategies. Endocrine-Related Cancer, 2017, 24, T119-T134.	3.1	71
33	MEN1 gene mutation analysis of high-grade neuroendocrine lung carcinoma. , 2000, 28, 58-65.		68
34	MEN1 Gene Analysis in Sporadic Adrenocortical Neoplasms. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 216-219.	3.6	67
35	Multiple Endocrine Neoplasia Type 1 Variant with Frequent Prolactinoma and Rare Gastrinoma. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 3776-3784.	3.6	66
36	Germline and Somatic Mutations in Cyclin-Dependent Kinase Inhibitor Genes CDKN1A, CDKN2B, and CDKN2C in Sporadic Parathyroid Adenomas. Hormones and Cancer, 2013, 4, 301-307.	4.9	63

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37	Multiple Endocrine Neoplasia Type 1. Frontiers of Hormone Research, 2013, 41, 1-15.	1.0	55
38	Eighteen new polymorphic markers in the multiple endocrine neoplasia type 1 (MEN1) region. Human Genetics, 1997, 101, 102-108.	3.8	53
39	The utility of routine transcervical thymectomy for multiple endocrine neoplasia 1-related hyperparathyroidism. Surgery, 2008, 144, 878-884.	1.9	53
40	Distribution of Menin-Occupied Regions in Chromatin Specifies a Broad Role of Menin in Transcriptional Regulation. Neoplasia, 2007, 9, 101-107.	5.3	47
41	Genome-Wide Characterization of Menin-Dependent H3K4me3 Reveals a Specific Role for Menin in the Regulation of Genes Implicated in MEN1-Like Tumors. PLoS ONE, 2012, 7, e37952.	2.5	46
42	Characterization of a MEN1 ortholog from Drosophila melanogaster. Gene, 2001, 263, 31-38.	2.2	44
43	Menin, a tumor suppressor, associates with nonmuscle myosin II-A heavy chain. Oncogene, 2003, 22, 6347-6358.	5.9	42
44	Long Noncoding RNA MEG3 Is an Epigenetic Determinant of Oncogenic Signaling in Functional Pancreatic Neuroendocrine Tumor Cells. Molecular and Cellular Biology, 2017, 37, .	2.3	42
45	A 2.8-Mb Clone Contig of the Multiple Endocrine Neoplasia Type 1 (MEN1) Region at 11q13. Genomics, 1997, 42, 436-445.	2.9	40
46	The <i>MEN1</i> Gene and Pituitary Tumours. Hormone Research in Paediatrics, 2009, 71, 131-138.	1.8	38
47	Analysis of recurrent germline mutations in theMEN1 gene encountered in apparently unrelated families. , 1998, 12, 75-82.		37
48	Isolation, characterization, expression and functional analysis of the zebrafish ortholog of MEN1. Mammalian Genome, 2000, 11, 448-454.	2.2	37
49	The gene for multiple endocrine neoplasia type 1: recent findings. Bone, 1999, 25, 119-122.	2.9	36
50	Parathyroid tumor development involves deregulation of homeobox genes. Endocrine-Related Cancer, 2008, 15, 267-275.	3.1	34
51	Familial isolated primary hyperparathyroidism associated with germline GCM2 mutations is more aggressive and has a lesser rate of biochemical cure. Surgery, 2018, 163, 31-34.	1.9	34
52	The parafibromin tumor suppressor protein interacts with actin-binding proteins actinin-2 and actinin-3. Molecular Cancer, 2008, 7, 65.	19.2	33
53	Identification and characterization of JunD missense mutants that lack menin binding. Oncogene, 2000, 19, 4706-4712.	5.9	31
54	Comparison of Gene Expression in Normal and Growth Hormone Receptor-Deficient Dwarf Chickens Reveals a Novel Growth Hormone-Regulated Gene. Biochemical and Biophysical Research Communications, 1995, 206, 153-160.	2.1	30

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55	Overexpression of a truncated growth hormone receptor in the sex-linked dwarf chicken: evidence for a splice mutation. Molecular Endocrinology, 1993, 7, 1391-1398.	3.7	30
56	The embryonic transcription factor Hlxb9 is a menin interacting partner that controls pancreatic Î²-cell proliferation and the expression of insulin regulators. Endocrine-Related Cancer, 2013, 20, 111-122.	3.1	28
57	Ethnicity of Patients With Germline GCM2-Activating Variants and Primary Hyperparathyroidism. Journal of the Endocrine Society, 2017, 1, 488-499.	0.2	28
58	Study of the Multiple Endocrine Neoplasia Type 1, Growth Hormone-Releasing Hormone Receptor, GsÎ±, and Gi2Î± Genes in Isolated Familial Acromegaly1. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 542-544.	3.6	26
59	Exploring the tumors of multiple endocrine neoplasia type 1 in mouse models for basic and preclinical studies. International Journal of Endocrine Oncology, 2014, 1, 153-161.	0.4	23
60	Probability of Positive Genetic Testing Results in Patients with Family History of Primary Hyperparathyroidism. Journal of the American College of Surgeons, 2018, 226, 933-938.	0.5	21
61	Chronic administration of growth hormone (GH) to adult chickens exerts marked effects on circulating concentrations of insulin-like growth factor-I (IGF-I), IGF binding proteins, hepatic GH regulated gene I, and hepatic GH receptor mRNA. Endocrine, 1997, 6, 117-124.	2.2	18
62	Mouse Embryo Fibroblasts Lacking the Tumor Suppressor Menin Show Altered Expression of Extracellular Matrix Protein Genes. Molecular Cancer Research, 2007, 5, 1041-1051.	3.4	17
63	Genetic interactions between Drosophila melanogaster menin and Jun/Fos. Developmental Biology, 2006, 298, 59-70.	2.0	16
64	An Intronic Mutation is Associated with Prolactinoma in a Young Boy, Decreased Penetrance in his Large Family, and Variable Effects onMEN1 mRNAand Protein. Hormone and Metabolic Research, 2009, 41, 630-634.	1.5	16
65	Epigenetic regulation in the tumorigenesis of MEN1-associated endocrine cell types. Journal of Molecular Endocrinology, 2018, 61, R13-R24.	2.5	16
66	Study of the Multiple Endocrine Neoplasia Type 1, Growth Hormone-Releasing Hormone Receptor, GsÂ, and Gi2Â Genes in Isolated Familial Acromegaly. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 542-544.	3.6	16
67	GSK-3Î² Protein Phosphorylates and Stabilizes HLXB9 Protein in Insulinoma Cells to Form a Targetable Mechanism of Controlling Insulinoma Cell Proliferation. Journal of Biological Chemistry, 2014, 289, 5386-5398.	3.4	15
68	Cloning and expression of a novel chicken sulfotransferase cDNA regulated by GH. Journal of Endocrinology, 1999, 160, 491-500.	2.6	13
69	Pro-oncogenic Roles of HLXB9 Protein in Insulinoma Cells through Interaction with Nono Protein and Down-regulation of the c-Met Inhibitor Cblb (Casitas B-lineage Lymphoma b). Journal of Biological Chemistry, 2015, 290, 25595-25608.	3.4	10
70	Transcriptional alterations in hereditary and sporadic nonfunctioning pancreatic neuroendocrine tumors according to genotype. Cancer, 2018, 124, 636-647.	4.1	10
71	A Blood-based Polyamine Signature Associated With MEN1 Duodenopancreatic Neuroendocrine Tumor Progression. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e4969-e4980.	3.6	9
72	11q13 Allelotype Analysis in 27 Northern American MEN1 Kindreds Identifies Two Distinct Founder Chromosomes. Molecular Genetics and Metabolism, 1998, 63, 151-155.	1.1	8

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73	Frequency and consequence of the recurrent YY1 p.T372R mutation in sporadic insulinomas. Endocrine-Related Cancer, 2018, 25, L31-L35.	3.1	8
74	Common ancestral mutations in the MEN1 gene is likely responsible for the prolactinoma variant of MEN1 (MEN1Burin) in four kindreds from Newfoundland. Human Mutation, 1998, 11, 264-269.	2.5	8
75	A patient with MEN1 typical features and MEN2-like features. International Journal of Endocrine Oncology, 2016, 3, 89-95.	0.4	7
76	Interferon activity of mitogen-induced chicken splenic lymphocytes which do not express interferon mRNA. Veterinary Immunology and Immunopathology, 1996, 53, 269-275.	1.2	5
77	FBP1 Is an Interacting Partner of Menin. International Journal of Endocrinology, 2014, 2014, 1-6.	1.5	5
78	Consequence of Menin Deficiency in Mouse Adipocytes Derived by In Vitro Differentiation. International Journal of Endocrinology, 2015, 2015, 1-10.	1.5	5
79	Two distinct classes of thymic tumors in patients with MEN1 show LOH at the MEN1 locus. Endocrine-Related Cancer, 2021, 28, L15-L19.	3.1	5
80	Functional Defects From Endocrine Diseaseâ€“Associated Mutations in HLXB9 and Its Interacting Partner, NONO. Endocrinology, 2018, 159, 1199-1212.	2.8	4
81	18F-FDOPA PET/CT accurately identifies MEN1-associated pheochromocytoma. Endocrinology, Diabetes and Metabolism Case Reports, 2020, 2020, .	0.5	4
82	Patients With MEN1 Are at an Increased Risk for Venous Thromboembolism. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e460-e468.	3.6	3
83	Menin Immunoreactivity in Secretory Granules of Human Pancreatic Islet Cells. Applied Immunohistochemistry and Molecular Morphology, 2014, 22, 748-755.	1.2	2
84	Molecular Genetics of MEN1-Related Neuroendocrine Tumors. , 2017, , 47-64.		1
85	Update on exploring the tumors of multiple endocrine neoplasia type 1 in mouse models for basic and preclinical studies. International Journal of Endocrine Oncology, 2017, 4, 113-116.	0.4	1