

# Silviu Sbiera

## List of Publications by Year in descending order

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Version: 2024-02-01

73  
papers

4,942  
citations

168829

31  
h-index

107981

68  
g-index

75  
all docs

75  
docs citations

75  
times ranked

5800  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated genomic characterization of adrenocortical carcinoma. <i>Nature Genetics</i> , 2014, 46, 607-612.	9.4	560
2	Comprehensive Molecular Characterization of Pheochromocytoma and Paraganglioma. <i>Cancer Cell</i> , 2017, 31, 181-193.	7.7	532
3	Comprehensive Pan-Genomic Characterization of Adrenocortical Carcinoma. <i>Cancer Cell</i> , 2016, 29, 723-736.	7.7	482
4	Mutations in the deubiquitinase gene <i>USP8</i> cause Cushing's disease. <i>Nature Genetics</i> , 2015, 47, 31-38.	9.4	450
5	Constitutive Activation of PKA Catalytic Subunit in Adrenal Cushing's Syndrome. <i>New England Journal of Medicine</i> , 2014, 370, 1019-1028.	13.9	355
6	High Diagnostic and Prognostic Value of Steroidogenic Factor-1 Expression in Adrenal Tumors. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, E161-E171.	1.8	196
7	Mitotane Inhibits Sterol-O-Acyl Transferase 1 Triggering Lipid-Mediated Endoplasmic Reticulum Stress and Apoptosis in Adrenocortical Carcinoma Cells. <i>Endocrinology</i> , 2015, 156, 3895-3908.	1.4	153
8	$\beta$ -Catenin Activation Is Associated with Specific Clinical and Pathologic Characteristics and a Poor Outcome in Adrenocortical Carcinoma. <i>Clinical Cancer Research</i> , 2011, 17, 328-336.	3.2	128
9	<i>FATE</i> 1 antagonizes calcium and drug-induced apoptosis by uncoupling <i>ER</i> and mitochondria. <i>EMBO Reports</i> , 2016, 17, 1264-1280.	2.0	102
10	Landscape of somatic mutations in sporadic GH-secreting pituitary adenomas. <i>European Journal of Endocrinology</i> , 2016, 174, 363-372.	1.9	100
11	Targeted Molecular Analysis in Adrenocortical Carcinomas: A Strategy Toward Improved Personalized Prognostication. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 4511-4523.	1.8	92
12	Gemcitabine-Based Chemotherapy in Adrenocortical Carcinoma: A Multicenter Study of Efficacy and Predictive Factors. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 4323-4332.	1.8	79
13	Genetic Landscape of Sporadic Unilateral Adrenocortical Adenomas Without <i>PRKACA</i> p.Leu206Arg Mutation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 3526-3538.	1.8	65
14	Driver mutations in <i>USP8</i> wild-type Cushing's disease. <i>Neuro-Oncology</i> , 2019, 21, 1273-1283.	0.6	65
15	Ribonucleotide Reductase Large Subunit ( <i>RRM1</i> ) Gene Expression May Predict Efficacy of Adjuvant Mitotane in Adrenocortical Cancer. <i>Clinical Cancer Research</i> , 2012, 18, 3452-3461.	3.2	64
16	Expression of excision repair cross complementing group 1 and prognosis in adrenocortical carcinoma patients treated with platinum-based chemotherapy. <i>Endocrine-Related Cancer</i> , 2009, 16, 907-918.	1.6	63
17	Interplay between glucocorticoids and tumor-infiltrating lymphocytes on the prognosis of adrenocortical carcinoma. , 2020, 8, e000469.		59
18	Single Nucleotide Polymorphism Array Profiling of Adrenocortical Tumors - Evidence for an Adenoma Carcinoma Sequence?. <i>PLoS ONE</i> , 2013, 8, e73959.	1.1	58

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19	Value of Molecular Classification for Prognostic Assessment of Adrenocortical Carcinoma. <i>JAMA Oncology</i> , 2019, 5, 1440.	3.4	57
20	Epidermal growth factor receptor in adrenocortical tumors: analysis of gene sequence, protein expression and correlation with clinical outcome. <i>Modern Pathology</i> , 2010, 23, 1596-1604.	2.9	46
21	Influence of Short-Term Glucocorticoid Therapy on Regulatory T Cells In Vivo. <i>PLoS ONE</i> , 2011, 6, e24345.	1.1	46
22	DNA methylation is an independent prognostic marker of survival in adrenocortical cancer. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 102, jc.2016-3205.	1.8	44
23	Single-cell molecular profiling of all three components of the HPA axis reveals adrenal ABCB1 as a regulator of stress adaptation. <i>Science Advances</i> , 2021, 7, .	4.7	42
24	CYP2W1 Is Highly Expressed in Adrenal Glands and Is Positively Associated with the Response to Mitotane in Adrenocortical Carcinoma. <i>PLoS ONE</i> , 2014, 9, e105855.	1.1	41
25	Association of Human Polyomavirus JC with Peripheral Blood of Immunoimpaired and Healthy Individuals. <i>Journal of NeuroVirology</i> , 2003, 9, 81-87.	1.0	39
26	Active steroid hormone synthesis renders adrenocortical cells highly susceptible to type II ferroptosis induction. <i>Cell Death and Disease</i> , 2020, 11, 192.	2.7	39
27	Low SGK1 Expression in Human Adrenocortical Tumors Is Associated with ACTH-Independent Glucocorticoid Secretion and Poor Prognosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E2251-E2260.	1.8	38
28	EJE PRIZE 2014: Current and evolving treatment options in adrenocortical carcinoma: where do we stand and where do we want to go?. <i>European Journal of Endocrinology</i> , 2014, 171, R1-R11.	1.9	37
29	High-Resolution Tissue Mass Spectrometry Imaging Reveals a Refined Functional Anatomy of the Human Adult Adrenal Gland. <i>Endocrinology</i> , 2018, 159, 1511-1524.	1.4	37
30	Dosage-dependent regulation of <i>VAV2</i> expression by steroidogenic factor-1 drives adrenocortical carcinoma cell invasion. <i>Science Signaling</i> , 2017, 10, .	1.6	35
31	Assessment of VAV2 Expression Refines Prognostic Prediction in Adrenocortical Carcinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 3491-3498.	1.8	33
32	Alterations in Protein Kinase A Substrate Specificity as a Potential Cause of Cushing Syndrome. <i>Endocrinology</i> , 2019, 160, 447-459.	1.4	32
33	Corticotroph tumor progression after bilateral adrenalectomy (Nelson's syndrome): systematic review and expert consensus recommendations. <i>European Journal of Endocrinology</i> , 2021, 184, P1-P16.	1.9	32
34	Single Nucleotide Polymorphism Microarray Analysis in Cortisol-Secreting Adrenocortical Adenomas Identifies New Candidate Genes and Pathways. <i>Neoplasia</i> , 2012, 14, 206-213.	2.3	31
35	Sunitinib inhibits cell proliferation and alters steroidogenesis by down-regulation of HSD3B2 in adrenocortical carcinoma cells. <i>Frontiers in Endocrinology</i> , 2011, 2, 27.	1.5	29
36	Impact of USP8 Gene Mutations on Protein Deregulation in Cushing Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 2535-2546.	1.8	29

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37	Notch1 pathway in adrenocortical carcinomas: correlations with clinical outcome. <i>Endocrine-Related Cancer</i> , 2015, 22, 531-543.	1.6	27
38	The New Genetic Landscape of Cushing's Disease: Deubiquitinases in the Spotlight. <i>Cancers</i> , 2019, 11, 1761.	1.7	27
39	Livin/BIRC7 expression as malignancy marker in adrenocortical tumors. <i>Oncotarget</i> , 2017, 8, 9323-9338.	0.8	27
40	The New Molecular Landscape of Cushing's Disease. <i>Trends in Endocrinology and Metabolism</i> , 2015, 26, 573-583.	3.1	26
41	Expression of <i>LIN28</i> and its regulatory microRNAs in adult adrenocortical cancer. <i>Clinical Endocrinology</i> , 2015, 82, 481-488.	1.2	25
42	The adrenal specific toxicant mitotane directly interacts with lipid membranes and alters membrane properties depending on lipid composition. <i>Molecular and Cellular Endocrinology</i> , 2016, 428, 68-81.	1.6	25
43	Topoisomerase 2 $\alpha$ and thymidylate synthase expression in adrenocortical cancer. <i>Endocrine-Related Cancer</i> , 2017, 24, 319-327.	1.6	24
44	RNA Sequencing and Somatic Mutation Status of Adrenocortical Tumors: Novel Pathogenetic Insights. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e4459-e4473.	1.8	24
45	Targeted Gene Expression Profile Reveals CDK4 as Therapeutic Target for Selected Patients With Adrenocortical Carcinoma. <i>Frontiers in Endocrinology</i> , 2020, 11, 219.	1.5	23
46	Effects of Germline CYP2W1*6 and CYP2B6*6 Single Nucleotide Polymorphisms on Mitotane Treatment in Adrenocortical Carcinoma: A Multicenter ENSAT Study. <i>Cancers</i> , 2020, 12, 359.	1.7	23
47	Association of mitotane with chylomicrons and serum lipoproteins: practical implications for treatment of adrenocortical carcinoma. <i>European Journal of Endocrinology</i> , 2016, 174, 343-353.	1.9	20
48	A novel patient-derived cell line of adrenocortical carcinoma shows a pathogenic role of germline MUTYH mutation and high tumour mutational burden. <i>European Journal of Endocrinology</i> , 2021, 184, 823-835.	1.9	20
49	Survivin in Adrenocortical Tumors - Pathophysiological Implications and Therapeutic Potential. <i>Hormone and Metabolic Research</i> , 2013, 45, 137-146.	0.7	19
50	Prognostic Relevance of Steroid Sulfation in Adrenocortical Carcinoma Revealed by Molecular Phenotyping Using High-Resolution Mass Spectrometry Imaging. <i>Clinical Chemistry</i> , 2019, 65, 1276-1286.	1.5	19
51	Expression of SOAT1 in Adrenocortical Carcinoma and Response to Mitotane Monotherapy: An ENSAT Multicenter Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 2642-2653.	1.8	18
52	Differential expression of the protein kinase A subunits in normal adrenal glands and adrenocortical adenomas. <i>Scientific Reports</i> , 2017, 7, 49.	1.6	17
53	Early Postoperative Circulating miR-483-5p Is a Prognosis Marker for Adrenocortical Cancer. <i>Cancers</i> , 2020, 12, 724.	1.7	16
54	Dendritic Cell Based Immunotherapy - A Promising Therapeutic Approach for Endocrine Malignancies. <i>Hormone and Metabolic Research</i> , 2008, 40, 89-98.	0.7	15

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55	ERCC1 as predictive biomarker to platinum-based chemotherapy in adrenocortical carcinomas. <i>European Journal of Endocrinology</i> , 2018, 178, 181-188.	1.9	15
56	Steroidogenesis in the NCI-H295 Cell Line Model is Strongly Affected By Culture Conditions and Substrain. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2020, 128, 672-680.	0.6	14
57	Cancer-testis Antigen FATE1 Expression in Adrenocortical Tumors Is Associated with A Pervasive Autoimmune Response and Is A Marker of Malignancy in Adult, but Not Children, <i>ACC. Cancers</i> , 2020, 12, 689.	1.7	14
58	Drug Synergism of Proteasome Inhibitors and Mitotane by Complementary Activation of ER Stress in Adrenocortical Carcinoma Cells. <i>Hormones and Cancer</i> , 2016, 7, 345-355.	4.9	12
59	Identifying New Potential Biomarkers in Adrenocortical Tumors Based on mRNA Expression Data Using Machine Learning. <i>Cancers</i> , 2021, 13, 4671.	1.7	12
60	Circulating microRNA Expression in Cushing's Syndrome. <i>Frontiers in Endocrinology</i> , 2021, 12, 620012.	1.5	11
61	High expression of Sterol-O-Acyl transferase 1 (SOAT1), an enzyme involved in cholesterol metabolism, is associated with earlier biochemical recurrence in high risk prostate cancer. <i>Prostate Cancer and Prostatic Diseases</i> , 2021, , .	2.0	10
62	Role of Endocrine Gland-Derived Vascular Endothelial Growth Factor (EG-VEGF) and Its Receptors in Adrenocortical Tumors. <i>Hormones and Cancer</i> , 2015, 6, 225-236.	4.9	8
63	Hsp90 inhibition in adrenocortical carcinoma: Limited drug synergism with mitotane. <i>Molecular and Cellular Endocrinology</i> , 2019, 480, 36-41.	1.6	8
64	Lack of Ubiquitin Specific Protease 8 (USP8) Mutations in Canine Corticotroph Pituitary Adenomas. <i>PLoS ONE</i> , 2016, 11, e0169009.	1.1	7
65	Characterization of Adrenal miRNA-Based Dysregulations in Cushing's Syndrome. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7676.	1.8	7
66	Subtype-specific pattern of white blood cell differential in endogenous hypercortisolism. <i>European Journal of Endocrinology</i> , 2022, 187, 439-449.	1.9	7
67	Association of Human Polyomavirus JC with Peripheral Blood of Immunoimpaired and Healthy Individuals. <i>Journal of NeuroVirology</i> , 2003, 9, 81-87.	1.0	6
68	FGF/FGFR signaling in adrenocortical development and tumorigenesis: novel potential therapeutic targets in adrenocortical carcinoma. <i>Endocrine</i> , 2022, 77, 411-418.	1.1	6
69	Epithelial and Mesenchymal Markers in Adrenocortical Tissues: How Mesenchymal Are Adrenocortical Tissues?. <i>Cancers</i> , 2021, 13, 1736.	1.7	5
70	Case Report: Consecutive Adrenal Cushing's Syndrome and Cushing's Disease in a Patient With Somatic CTNNB1, USP8, and NR3C1 Mutations. <i>Frontiers in Endocrinology</i> , 2021, 12, 731579.	1.5	5
71	SOAT1: A Suitable Target for Therapy in High-Grade Astrocytic Glioma?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3726.	1.8	5
72	PKA $\alpha$ subunit mutation triggers caspase-dependent RII <sup>2</sup> subunit degradation via Ser <sup>114</sup> phosphorylation. <i>Science Advances</i> , 2021, 7, .	4.7	4

#	ARTICLE	IF	CITATIONS
73	Role of FGF Receptors and Their Pathways in Adrenocortical Tumors and Possible Therapeutic Implications. <i>Frontiers in Endocrinology</i> , 2021, 12, 795116.	1.5	2