

Silvia Monticone

List of Publications by Year in descending order

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98
papers

5,590
citations

94433

37
h-index

82547

72
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99
all docs

99
docs citations

99
times ranked

3627
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiovascular events and target organ damage in primary aldosteronism compared with essential hypertension: a systematic review and meta-analysis. <i>Lancet Diabetes and Endocrinology</i> , 2018, 6, 41-50.	11.4	582
2	Prevalence and Clinical Manifestations of Primary Aldosteronism Encountered in Primary Care Practice. <i>Journal of the American College of Cardiology</i> , 2017, 69, 1811-1820.	2.8	520
3	Long-Term Cardio- and Cerebrovascular Events in Patients With Primary Aldosteronism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 4826-4833.	3.6	348
4	Genetic Spectrum and Clinical Correlates of Somatic Mutations in Aldosterone-Producing Adenoma. <i>Hypertension</i> , 2014, 64, 354-361.	2.7	248
5	Prevalence, Clinical, and Molecular Correlates of <i>KCNJ5</i> Mutations in Primary Aldosteronism. <i>Hypertension</i> , 2012, 59, 592-598.	2.7	246
6	Stem Cell-Derived Extracellular Vesicles and Immune-Modulation. <i>Frontiers in Cell and Developmental Biology</i> , 2016, 4, 83.	3.7	226
7	<i>KCNJ5</i> Mutations in European Families With Nonglucocorticoid Remediable Familial Hyperaldosteronism. <i>Hypertension</i> , 2012, 59, 235-240.	2.7	176
8	Somatic <i>ATP1A1</i> , <i>ATP2B3</i> , and <i>KCNJ5</i> Mutations in Aldosterone-Producing Adenomas. <i>Hypertension</i> , 2014, 63, 188-195.	2.7	151
9	Genetics, prevalence, screening and confirmation of primary aldosteronism: a position statement and consensus of the Working Group on Endocrine Hypertension of The European Society of Hypertension. <i>Journal of Hypertension</i> , 2020, 38, 1919-1928.	0.5	151
10	Adrenal vein sampling in primary aldosteronism: towards a standardised protocol. <i>Lancet Diabetes and Endocrinology</i> , 2015, 3, 296-303.	11.4	134
11	Guidelines for primary aldosteronism. <i>Journal of Hypertension</i> , 2016, 34, 2253-2257.	0.5	134
12	Effect of <i>KCNJ5</i> Mutations on Gene Expression in Aldosterone-Producing Adenomas and Adrenocortical Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E1567-E1572.	3.6	130
13	Prevalence and Characteristics of Familial Hyperaldosteronism. <i>Hypertension</i> , 2011, 58, 797-803.	2.7	128
14	Immunohistochemical, genetic and clinical characterization of sporadic aldosterone-producing adenomas. <i>Molecular and Cellular Endocrinology</i> , 2015, 411, 146-154.	3.2	115
15	18-Hydroxycorticosterone, 18-Hydroxycortisol, and 18-Oxocortisol in the Diagnosis of Primary Aldosteronism and Its Subtypes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 881-889.	3.6	105
16	Role of <i>KCNJ5</i> in familial and sporadic primary aldosteronism. <i>Nature Reviews Endocrinology</i> , 2013, 9, 104-112.	9.6	101
17	Effect of Adrenocorticotrophic Hormone Stimulation During Adrenal Vein Sampling in Primary Aldosteronism. <i>Hypertension</i> , 2012, 59, 840-846.	2.7	87
18	A Novel Y152C <i>KCNJ5</i> Mutation Responsible for Familial Hyperaldosteronism Type III. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E1861-E1865.	3.6	86

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19	Targeting CXCR4 (CXC Chemokine Receptor Type 4) for Molecular Imaging of Aldosterone-Producing Adenoma. <i>Hypertension</i> , 2018, 71, 317-325.	2.7	77
20	Liddle Syndrome: Review of the Literature and Description of a New Case. <i>International Journal of Molecular Sciences</i> , 2018, 19, 812.	4.1	69
21	The 2020 Italian Society of Arterial Hypertension (SIIA) practical guidelines for the management of primary aldosteronism. <i>International Journal of Cardiology: Hypertension</i> , 2020, 5, 100029.	2.2	69
22	Visinin-Like 1 Is Upregulated in Aldosterone-Producing Adenomas With <i>KCNJ5</i> Mutations and Protects From Calcium-Induced Apoptosis. <i>Hypertension</i> , 2012, 59, 833-839.	2.7	64
23	High-salt diet increases glomerular ACE/ACE2 ratio leading to oxidative stress and kidney damage. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 1793-1800.	0.7	63
24	Clinical Management and Outcomes of Adrenal Hemorrhage Following Adrenal Vein Sampling in Primary Aldosteronism. <i>Hypertension</i> , 2016, 67, 146-152.	2.7	63
25	Renal damage in primary aldosteronism. <i>Journal of Hypertension</i> , 2020, 38, 3-12.	0.5	63
26	Aldosterone Suppression on Contralateral Adrenal During Adrenal Vein Sampling Does Not Predict Blood Pressure Response After Adrenalectomy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 4158-4166.	3.6	62
27	Diagnostic accuracy of aldosterone and renin measurement by chemiluminescent immunoassay and radioimmunoassay in primary aldosteronism. <i>Journal of Hypertension</i> , 2016, 34, 920-927.	0.5	61
28	Prevalence of Hypokalemia and Primary Aldosteronism in 5100 Patients Referred to a Tertiary Hypertension Unit. <i>Hypertension</i> , 2020, 75, 1025-1033.	2.7	60
29	Comparison of Automated Office Blood Pressure With Office and Out-Of-Office Measurement Techniques. <i>Hypertension</i> , 2019, 73, 481-490.	2.7	57
30	A Case of Severe Hyperaldosteronism Caused by a De Novo Mutation Affecting a Critical Salt Bridge Kir3.4 Residue. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E114-E118.	3.6	53
31	Concurrent primary aldosteronism and subclinical cortisol hypersecretion. <i>Journal of Hypertension</i> , 2011, 29, 1773-1777.	0.5	50
32	Is Primary Aldosteronism Still Largely Unrecognized?. <i>Hormone and Metabolic Research</i> , 2017, 49, 908-914.	1.5	50
33	Development and Validation of Prediction Models for Subtype Diagnosis of Patients With Primary Aldosteronism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e3706-e3717.	3.6	47
34	GENETICS IN ENDOCRINOLOGY: The expanding genetic horizon of primary aldosteronism. <i>European Journal of Endocrinology</i> , 2018, 178, R101-R111.	3.7	46
35	Understanding primary aldosteronism: impact of next generation sequencing and expression profiling. <i>Molecular and Cellular Endocrinology</i> , 2015, 399, 311-320.	3.2	45
36	Primary Aldosteronism and Obstructive Sleep Apnea. <i>Hypertension</i> , 2019, 74, 1532-1540.	2.7	45

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37	Teratocarcinoma-Derived Growth Factor-1 Is Upregulated in Aldosterone-Producing Adenomas and Increases Aldosterone Secretion and Inhibits Apoptosis In Vitro. <i>Hypertension</i> , 2010, 55, 1468-1475.	2.7	43
38	Is There a Role for Genomics in the Management of Hypertension?. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1131.	4.1	40
39	Subtype Diagnosis of Primary Aldosteronism: Is Adrenal Vein Sampling Always Necessary?. <i>International Journal of Molecular Sciences</i> , 2017, 18, 848.	4.1	40
40	Adrenal disorders in pregnancy. <i>Nature Reviews Endocrinology</i> , 2012, 8, 668-678.	9.6	37
41	<i>KCNJ5</i> Mutations Are the Most Frequent Genetic Alteration in Primary Aldosteronism. <i>Hypertension</i> , 2015, 65, 507-509.	2.7	34
42	The SPARTACUS Trial: Controversies and Unresolved Issues. <i>Hormone and Metabolic Research</i> , 2017, 49, 936-942.	1.5	33
43	Renin-Angiotensin-Aldosterone System Triple-A Analysis for the Screening of Primary Aldosteronism. <i>Hypertension</i> , 2020, 75, 163-172.	2.7	33
44	Diagnostic approach to low-renin hypertension. <i>Clinical Endocrinology</i> , 2018, 89, 385-396.	2.4	32
45	Pharmacological Treatment of Arterial Hypertension in Children and Adolescents. <i>Hypertension</i> , 2018, 72, 306-313.	2.7	32
46	Diagnosis and treatment of primary aldosteronism. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2011, 12, 3-9.	5.7	30
47	Histological Characterization of Aldosterone-producing Adrenocortical Adenomas with Different Somatic Mutations. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e282-e289.	3.6	29
48	Antecedent Administration of Angiotensin-Converting Enzyme Inhibitors or Angiotensin II Receptor Antagonists and Survival After Hospitalization for COVID-19 Syndrome. <i>Journal of the American Heart Association</i> , 2020, 9, e017364.	3.7	29
49	Association Between Lifestyle and Systemic Arterial Hypertension in Young Adults: A National, Survey-Based, Cross-Sectional Study. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2016, 23, 31-40.	2.2	28
50	An extracellular vesicle epitope profile is associated with acute myocardial infarction. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 9945-9957.	3.6	27
51	Role of Extracellular Vesicles in the Pathogenesis of Vascular Damage. <i>Hypertension</i> , 2022, 79, 863-873.	2.7	27
52	Adrenal Venous Sampling-Guided Adrenalectomy Rates in Primary Aldosteronism: Results of an International Cohort (AVSTAT). <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e1400-e1407.	3.6	25
53	Polyuric-polydipsic syndrome in a pediatric case of non-glucocorticoid remediable familial hyperaldosteronism. <i>Endocrine Journal</i> , 2012, 59, 497-502.	1.6	24
54	Characterization and Gene Expression Analysis of Serum-Derived Extracellular Vesicles in Primary Aldosteronism. <i>Hypertension</i> , 2019, 74, 359-367.	2.7	23

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55	Evaluation of primary aldosteronism. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2010, 17, 188-193.	2.3	21
56	Effectiveness of Renal Denervation in Resistant Hypertension: A Meta-Analysis of 11 Controlled Studies. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2018, 25, 167-176.	2.2	20
57	Genes implicated in insulin resistance are down-regulated in primary aldosteronism patients. <i>Molecular and Cellular Endocrinology</i> , 2012, 355, 162-168.	3.2	18
58	The spectrum of low-renin hypertension. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2020, 34, 101399.	4.7	17
59	Mineralocorticoid Receptor Antagonist Effect on Aldosterone to Renin Ratio in Patients With Primary Aldosteronism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e3655-e3664.	3.6	16
60	Development of a Prediction Score to Avoid Confirmatory Testing in Patients With Suspected Primary Aldosteronism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 1708-1716.	3.6	16
61	Genomic and Non-genomic Effects of Aldosterone. <i>Current Signal Transduction Therapy</i> , 2012, 7, 132-141.	0.5	16
62	Is Familial Hyperaldosteronism Underdiagnosed in Hypertensive Children?. <i>Hypertension</i> , 2011, 57, 1053-1055.	2.7	15
63	Primary Aldosteronism and Obstructive Sleep Apnea: Casual Association or Pathophysiological Link?. <i>Hormone and Metabolic Research</i> , 2020, 52, 366-372.	1.5	14
64	Characterization of Circulating Extracellular Vesicle Surface Antigens in Patients With Primary Aldosteronism. <i>Hypertension</i> , 2021, 78, 726-737.	2.7	14
65	Primary aldosteronism in the primary care setting. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2018, 25, 155-159.	2.3	12
66	Primary Aldosteronism in the Elderly. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e2320-e2326.	3.6	12
67	Profiling Inflammatory Extracellular Vesicles in Plasma and Cerebrospinal Fluid: An Optimized Diagnostic Model for Parkinson's Disease. <i>Biomedicines</i> , 2021, 9, 230.	3.2	12
68	Risk stratification of patients with SARS-CoV-2 by tissue factor expression in circulating extracellular vesicles. <i>Vascular Pharmacology</i> , 2022, 145, 106999.	2.1	11
69	Clinical Score and Machine Learning-Based Model to Predict Diagnosis of Primary Aldosteronism in Arterial Hypertension. <i>Hypertension</i> , 2021, 78, 1595-1604.	2.7	10
70	Diagnosis and Treatment of Unilateral Forms of Primary Aldosteronism. <i>Current Hypertension Reviews</i> , 2013, 9, 156-165.	0.9	9
71	Primary aldosteronism in pregnancy. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2023, 24, 39-48.	5.7	9
72	Molecular and Electrophysiological Analyses of ATP2B4 Gene Variants in Bilateral Adrenal Hyperaldosteronism. <i>Hormones and Cancer</i> , 2020, 11, 52-62.	4.9	8

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73	Prediction of hyperaldosteronism subtypes when adrenal vein sampling is unilaterally successful. <i>European Journal of Endocrinology</i> , 2020, 183, 657-667.	3.7	8
74	Supervised and unsupervised learning to define the cardiovascular risk of patients according to an extracellular vesicle molecular signature. <i>Translational Research</i> , 2022, , .	5.0	8
75	Diagnosis of primary aldosteronism in the hypertension specialist centers in Italy: a national survey. <i>Journal of Human Hypertension</i> , 2018, 32, 745-751.	2.2	7
76	Quality of life in primary aldosteronism: A prospective observational study. <i>European Journal of Clinical Investigation</i> , 2021, 51, e13419.	3.4	7
77	Rapid Cortisol Assay Increases the Success of Adrenal Vein Sampling. <i>American Journal of Hypertension</i> , 2011, 24, 1265-1265.	2.0	5
78	Role of Cryptochrome-1 and Cryptochrome-2 in Aldosterone-Producing Adenomas and Adrenocortical Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1675.	4.1	5
79	Atypical secondary hypertension due to mid-aortic syndrome. <i>European Heart Journal</i> , 2012, 33, 2248-2248.	2.2	3
80	Hyperaldosteronism: How to Discriminate Among Different Disease Forms?. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2016, 23, 203-208.	2.2	3
81	A Case of Adrenal Vein Sampling in Primary Aldosteronism With Homolateral Suppression. <i>Journal of the Endocrine Society</i> , 2017, 1, 401-406.	0.2	3
82	Usefulness of Combined Renin-Angiotensin System Inhibitors and Diuretic Treatment In Patients Hospitalized with COVID-19. <i>American Journal of Cardiology</i> , 2022, , .	1.6	3
83	Inpatient Mortality According to Level of Respiratory Support Received for Severe Acute Respiratory Syndrome Coronavirus 2 (Coronavirus Disease 2019) Infection: A Prospective Multicenter Study. , 2020, 2, e0220.		2
84	Prediction of All-Cause Mortality Following Percutaneous Coronary Intervention in Bifurcation Lesions Using Machine Learning Algorithms. <i>Journal of Personalized Medicine</i> , 2022, 12, 990.	2.5	2
85	Primary Aldosteronism: Progress in Diagnosis, Therapy, and Genetics. , 2013, , 3-32.		1
86	Regulation of Aldosterone Production. , 2018, , 429-449.		1
87	Evaluation of Unattended Automated Office, Conventional Office and Ambulatory Blood Pressure Measurements and Their Correlation with Target Organ Damage in an Outpatient Population of Hypertensives: Study Design and Methodological Aspects. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2019, 26, 493-499.	2.2	1
88	Familial Hyperaldosteronism. <i>Updates in Hypertension and Cardiovascular Protection</i> , 2020, , 79-93.	0.1	1
89	Genetics of Familial Hyperaldosteronism. , 2019, , 623-630.		1
90	Gender differences in acute coronary syndromes patterns during the COVID-19 outbreak. <i>American Journal of Cardiovascular Disease</i> , 2020, 10, 506-513.	0.5	1

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91	Controversies on the Diagnosis of Primary Aldosteronism. High Blood Pressure and Cardiovascular Prevention, 2006, 13, 173-178.	2.2	0
92	Diabetes in Hyperaldosteronism. Frontiers in Diabetes, 2014, , 34-43.	0.4	0
93	Issues in the Diagnosis and Treatment of Primary Aldosteronism. High Blood Pressure and Cardiovascular Prevention, 2016, 23, 73-82.	2.2	0
94	Procedural Reassessment of Radiofrequency Renal Denervation in Resistant Hypertensive Patients. High Blood Pressure and Cardiovascular Prevention, 2017, 24, 187-192.	2.2	0
95	Assessment of Anti-Hypertensive Drug Adherence by Serial Aldosterone-To-Renin Ratio Measurement. Frontiers in Pharmacology, 2021, 12, 668843.	3.5	0
96	Response to Letter to the Editor from Rossi and Rossitto: "Mineralocorticoid Receptor Antagonist Effect on Aldosterone to Renin Ratio in Patients With Primary Aldosteronism". Journal of Clinical Endocrinology and Metabolism, 2022, 107, e896-e897.	3.6	0
97	Familial Hyperaldosteronism Type I. , 2014, , 75-86.		0
98	Familial Hyperaldosteronism Type III. , 2014, , 99-108.		0