Siddharth K Prakash

List of Publications by Year
in descending order

77 papers	3,473 citations	147801 31 h-index	149698 56 g-index
84 all docs	84 docs citations	84 times ranked	5069 citing authors

#	Article	IF	Citations
1	Aortic root dilatation and dilated cardiomyopathy in an adult with <scp>Tattonâ€Brownâ€Rahman</scp> syndrome. American Journal of Medical Genetics, Part A, 2022, 188, 628-634.	1.2	4
2	Cardiovascular Outcomes in Aortopathy. Journal of the American College of Cardiology, 2022, 79, 2069-2081.	2.8	12
3	Preventing Cholesterol-Induced Perk (Protein Kinase RNA-Like Endoplasmic Reticulum Kinase) Signaling in Smooth Muscle Cells Blocks Atherosclerotic Plaque Formation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2022, 42, 1005-1022.	2.4	13
4	An unusual cause of acute pericarditis: a case report. European Heart Journal - Case Reports, 2021, 5, ytaa535.	0.6	1
5	Integrative analysis of genomic variants reveals new associations of candidate haploinsufficient genes with congenital heart disease. PLoS Genetics, 2021, 17, e1009679.	3.5	17
6	Summary: international consensus statement on nomenclature and classification of the congenital bicuspid aortic valve and its aortopathy, for clinical, surgical, interventional and research purposes. European Journal of Cardio-thoracic Surgery, 2021, 60, 481-496.	1.4	2
7	International consensus statement on nomenclature and classification of the congenital bicuspid aortic valve and its aortopathy, for clinical, surgical, interventional and research purposes. European Journal of Cardio-thoracic Surgery, 2021, 60, 448-476.	1.4	61
8	International Consensus Statement on Nomenclature and Classification of the Congenital Bicuspid Aortic Valve and Its Aortopathy, for Clinical, Surgical, Interventional and Research Purposes. Radiology: Cardiothoracic Imaging, 2021, 3, e200496.	2.5	15
9	International Consensus Statement on Nomenclature and Classification of the Congenital Bicuspid Aortic Valve and Its Aortopathy, for Clinical, Surgical, Interventional and Research Purposes. Annals of Thoracic Surgery, 2021, 112, e203-e235.	1.3	25
10	International consensus statement on nomenclature and classification of the congenital bicuspid aortic valve and its aortopathy, for clinical, surgical, interventional and research purposes. Journal of Thoracic and Cardiovascular Surgery, 2021, 162, e383-e414.	0.8	47
11	Summary: International consensus statement on nomenclature and classification of the congenital bicuspid aortic valve and its aortopathy, for clinical, surgical, interventional, and research purposes. Journal of Thoracic and Cardiovascular Surgery, 2021, 162, 781-797.	0.8	6
12	Summary: International Consensus Statement on Nomenclature and Classification of the Congenital Bicuspid Aortic Valve and Its Aortopathy, for Clinical, Surgical, Interventional and Research Purposes. Annals of Thoracic Surgery, 2021, 112, 1005-1022.	1.3	1
13	In-hospital outcomes and long-term survival of women of childbearing age with aortic dissection. Journal of Vascular Surgery, 2021, 74, 1135-1142.e1.	1.1	6
14	Surgical repair of bicuspid aortopathy at small diameters: Clinical and institutional factors. Journal of Thoracic and Cardiovascular Surgery, 2020, 159, 2216-2226.e2.	0.8	10
15	Open Thoracoabdominal Aortic Repair in Patients With Heritable Aortic Disease in the GenTAC Registry. Annals of Thoracic Surgery, 2020, 109, 1378-1384.	1.3	15
16	Clinical Characteristics and Long-Term Outcomes of Midaortic Syndrome. Annals of Vascular Surgery, 2020, 66, 318-325.	0.9	17
17	Nosology Spectrum of the Bicuspid Aortic Valve Condition. Circulation, 2020, 142, 294-299.	1.6	16
18	Genetic Testing for Inherited Cardiovascular Diseases: A Scientific Statement From the American Heart Association. Circulation Genomic and Precision Medicine, 2020, 13, e000067.	3.6	200

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19	Rare deleterious variants of NOTCH1, GATA4, SMAD6, and ROBO4 are enriched in BAV with early onset complications but not in BAV with heritable thoracic aortic disease. Molecular Genetics & Genomic Medicine, 2020, 8, e1406.	1.2	17
20	TGFBR1 Rare Variant Associated With Thoracic Aortic Aneurysm, Double Chamber Left Ventricle, Coronary Anomaly, and Inducible Ventricular Tachycardia. Circulation: Cardiovascular Imaging, 2020, 13, e010084.	2.6	1
21	Genetics in bicuspid aortic valve disease: Where are we?. Progress in Cardiovascular Diseases, 2020, 63, 398-406.	3.1	53
22	Ulnar Artery Aneurysm as a Late Sequela of Marfan Syndrome. Journal of Hand Surgery, 2020, 45, 1090.e1-1090.e5.	1.6	0
23	Abstract 15169: De Novo Variants of USP10 in Early Onset Bicuspid Aortic Valve Disease. Circulation, 2020, 142, .	1.6	0
24	Abstract 15129: Outcomes Related to Age of Elective Surgery and Age of Dissection Within Genetically Triggered Aneurysm Conditions: The Gentac Experience. Circulation, 2020, 142, .	1.6	0
25	Recognition and management of adults with Turner syndrome: From the transition of adolescence through the senior years. American Journal of Medical Genetics, Part A, 2019, 179, 1987-2033.	1.2	33
26	RECURRENT GENOMIC COPY NUMBER VARIANTS IMPLICATE NEW CANDIDATE GENES FOR EARLY ONSET BICUSPID AORTIC VALVE DISEASE. Journal of the American College of Cardiology, 2019, 73, 620.	2.8	2
27	RS20. Outcomes of Women in Childbearing Age With Aortic Dissection: Results From a Single-Center Database. Journal of Vascular Surgery, 2019, 69, e203.	1.1	0
28	Misclassification of bicuspid aortic valves is common and varies by imaging modality and patient characteristics. Echocardiography, 2019, 36, 761-765.	0.9	8
29	The impact of somatic mosaicism on bicuspid aortic valve and aortic dissection in Turner Syndrome. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2019, 181, 110-115.	1.6	5
30	The Turner syndrome research registry: Creating equipoise between investigators and participants. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2019, 181, 7-12.	1.6	15
31	Prevalence and clinical characteristics of inappropriate myocardial perfusion imaging tests at a community hospital. BMJ Open Quality, 2019, 8, e000487.	1.1	1
32	45,X mosaicism in a population-based biobank: implications for Turner syndrome. Genetics in Medicine, 2019, 21, 1882-1883.	2.4	10
33	â€œDonating our bodies to scienceâ€• A discussion about autopsy and organ donation in Turner syndrome. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2019, 181, 22-28.	1.6	4
34	Aortic arch tortuosity, a novel biomarker for thoracic aortic disease, is increased in adults with bicuspid aortic valve. International Journal of Cardiology, 2019, 284, 84-89.	1.7	27
35	Genome-wide analysis yields new loci associating with aortic valve stenosis. Nature Communications, 2018, 9, 987.	12.8	91
36	X Marks the Spot. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 9-11.	2.4	7

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37	Allometric considerations when assessing aortic aneurysms in Turner syndrome: Implications for activity recommendations and medical decisionâ€making. American Journal of Medical Genetics, Part A, 2018, 176, 277-282.	1.2	7
38	Not â€œZâ€•end of the story: Do Z scores help to guide surgical decisions about the ascending aorta in patients with bicuspid aortic valve?. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 560-561.	0.8	0
39	Cardiovascular Health in Turner Syndrome: A Scientific Statement From the American Heart Association. Circulation Genomic and Precision Medicine, 2018, 11, e000048.	3.6	143
40	LTBP3 Pathogenic Variants Predispose Individuals to Thoracic Aortic Aneurysms and Dissections. American Journal of Human Genetics, 2018, 102, 706-712.	6.2	51
41	Therapeutics Targeting Drivers of Thoracic Aortic Aneurysms and Acute Aortic Dissections: Insights from Predisposing Genes and Mouse Models. Annual Review of Medicine, 2017, 68, 51-67.	12.2	94
42	Loss of Smooth Muscle Î±-Actin Leads to NF-ÎºBâ€“Dependent Increased Sensitivity to Angiotensin II in Smooth Muscle Cells and Aortic Enlargement. Circulation Research, 2017, 120, 1903-1915.	4.5	48
43	Protein-altering and regulatory genetic variants near GATA4 implicated in bicuspid aortic valve. Nature Communications, 2017, 8, 15481.	12.8	90
44	Associations of Age and Sex With Marfan Phenotype. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	57
45	Turner syndromeâ€specific and general population Zâ€scores are equivalent for most adults with Turner syndrome. American Journal of Medical Genetics, Part A, 2017, 173, 1094-1096.	1.2	3
46	Aortic Dilatation Associated With Bicuspid Aortic Valve: Relation to Sex, Hemodynamics, and Valve Morphology (the National Heart Lung and Blood Institute-Sponsored National Registry of Genetically) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Cardiology, 2017, 120, 1171-1175.	1.6	36
47	Assessment of large copy number variants in patients with apparently isolated congenital leftâ€sided cardiac lesions reveals clinically relevant genomic events. American Journal of Medical Genetics, Part A, 2017, 173, 2176-2188.	1.2	17
48	Autosomal and X chromosome structural variants are associated with congenital heart defects in Turner syndrome: The NHLBI GenTAC registry. American Journal of Medical Genetics, Part A, 2016, 170, 3157-3164.	1.2	53
49	Genetic Variants in LRP1 and ULK4 Are Associated with Acute Aortic Dissections. American Journal of Human Genetics, 2016, 99, 762-769.	6.2	73
50	Aortic Dissection in Patients With Genetically Mediated Aneurysms. Journal of the American College of Cardiology, 2016, 67, 2744-2754.	2.8	84
51	The Need for Standardized Methods for Measuring the Aorta. JACC: Cardiovascular Imaging, 2016, 9, 219-226.	5.3	66
52	FOXE3 mutations predispose to thoracic aortic aneurysms and dissections. Journal of Clinical Investigation, 2016, 126, 948-961.	8.2	84
53	Recurrent Rare Genomic Copy Number Variants and Bicuspid Aortic Valve Are Enriched in Early Onset Thoracic Aortic Aneurysms and Dissections. PLoS ONE, 2016, 11, e0153543.	2.5	29
54	MAT2A Mutations Predispose Individuals to Thoracic Aortic Aneurysms. American Journal of Human Genetics, 2015, 96, 170-177.	6.2	92

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55	Aortic Disease Presentation and Outcome Associated With ACTA2 Mutations. Circulation: Cardiovascular Genetics, 2015, 8, 457-464.	5.1	117
56	Bicuspid aortic valve aortopathy in adults: Incidence, etiology, and clinical significance. International Journal of Cardiology, 2015, 201, 400-407.	1.7	122
57	Aortic Dilatation with Bicuspid Aortic Valve. New England Journal of Medicine, 2014, 371, 683-683.	27.0	2
58	Single-nucleotide polymorphism array genotyping is equivalent to metaphase cytogenetics for diagnosis of Turner syndrome. Genetics in Medicine, 2014, 16, 53-59.	2.4	46
59	A Roadmap to Investigate the Genetic Basis of Bicuspid Aortic Valve and its Complications. Journal of the American College of Cardiology, 2014, 64, 832-839.	2.8	162
60	Bicuspid Aortic Valve. Circulation, 2014, 129, 2691-2704.	1.6	342
61	Aortic Remodeling After Transverse Aortic Constriction in Mice Is Attenuated With AT ₁ Receptor Blockade. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2172-2179.	2.4	67
62	Top Advances in Functional Genomics and Translational Biology for 2012. Circulation: Cardiovascular Genetics, 2013, 6, 132-134.	5.1	0
63	Rare, Nonsynonymous Variant in the Smooth Muscle-Specific Isoform of Myosin Heavy Chain, MYH11 , R247C, Alters Force Generation in the Aorta and Phenotype of Smooth Muscle Cells. Circulation Research, 2012, 110, 1411-1422.	4.5	81
64	Small rare recurrent deletions and reciprocal duplications in 2q21.1, including brain-specific ARHGEF4 and GPR148. Human Molecular Genetics, 2012, 21, 3345-3355.	2.9	22
65	Diabetes and Reduced Risk for Thoracic Aortic Aneurysms and Dissections: A Nationwide Caseâ€€Control Study. Journal of the American Heart Association, 2012, 1, .	3.7	73
66	TGFB2 mutations cause familial thoracic aortic aneurysms and dissections associated with mild systemic features of Marfan syndrome. Nature Genetics, 2012, 44, 916-921.	21.4	319
67	Susceptibility to acute thoracic aortic dissections in patients dying outside the hospital: An autopsy study. American Heart Journal, 2011, 162, 474-479.	2.7	22
68	Human Metabolic Individuality in Biomedical and Pharmaceutical Research. Circulation: Cardiovascular Genetics, 2011, 4, 714-715.	5.1	6
69	Copy number gain at Xp22.31 includes complex duplication rearrangements and recurrent triplications. Human Molecular Genetics, 2011, 20, 1975-1988.	2.9	74
70	Recurrent Chromosome 16p13.1 Duplications Are a Risk Factor for Aortic Dissections. PLoS Genetics, 2011, 7, e1002118.	3.5	86
71	Top Advances in Functional Genomics and Translational Biology for 2010. Circulation: Cardiovascular Genetics, 2011, 4, 94-97.	5.1	0
72	Rare Copy Number Variants Disrupt Genes Regulating Vascular Smooth Muscle Cell Adhesion and Contractility in Sporadic Thoracic Aortic Aneurysms and Dissections. American Journal of Human Genetics, 2010, 87, 743-756.	6.2	76

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73	Large deletions and uniparental disomy detected by SNP arrays in adults with thoracic aortic aneurysms and dissections. American Journal of Medical Genetics, Part A, 2010, 152A, 2399-2405.	1.2	6
74	Pacemaker endocarditis viewed via intracardiac ultrasonography. Texas Heart Institute Journal, 2008, 35, 487-8.	0.3	1
75	An Obligatory Role for Sox17 in Cardiac Myocyte Formation by ES Cells. Journal of Cardiac Failure, 2006, 12, S1.	1.7	0
76	Loss of holocytochrome c-type synthetase causes the male lethality of X-linked dominant micro-phthalmia with linear skin defects (MLS) syndrome. Human Molecular Genetics, 2002, 11, 3237-3248.	2.9	58
77	Analysis of Mid1, Hccs, Arhgap6, and Msl3l1 in X-linked polydactyly (Xpl) and Patchy-fur (Paf) mutant mice. Mammalian Genome, 2001, 12, 796-798.	2.2	6