

Pankaj Arora

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

4,670
citations

218592

26
h-index

102432

66
g-index

92
all docs

92
docs citations

92
times ranked

9708
citing authors

#	ARTICLE	IF	CITATIONS
1	Insulin Resistance and Cardiometabolic Risk Profile Among Nondiabetic American Young Adults: Insights From NHANES. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e25-e37.	1.8	19
2	Association of Polygenic Risk Score With Blood Pressure and Adverse Cardiovascular Outcomes in Individuals With Type II Diabetes: Insights From the ACCORD Trial. <i>Hypertension</i> , 2022, , HYPERTENSIONAHA12218976.	1.3	1
3	Graphene decorated aluminum-nanostructure based plasmonic device with enhanced sensitivity and figure of merit using both wavelength and angle interrogation. <i>Optik</i> , 2022, 261, 169177.	1.4	3
4	Corin Missense Variants, Blood Pressure, and Hypertension in 11Â322 Black Individuals: Insights From REGARDS and the Jackson Heart Study. <i>Journal of the American Heart Association</i> , 2022, 11, .	1.6	3
5	Design and Analysis of Aluminum-Silicon-Graphene Based Plasmonic Device for Biosensing Applications in the Optical Communication Band. <i>Silicon</i> , 2021, 13, 3703-3711.	1.8	9
6	Design and comparative analysis of aluminum-MoS2 based plasmonic devices with enhanced sensitivity and Figure of Merit for biosensing applications in the near-infrared region. <i>Optik</i> , 2021, 228, 166196.	1.4	10
7	Obesity and Serial NTâ€proBNP Levels in Guided Medical Therapy for Heart Failure With Reduced Ejection Fraction: Insights From the GUIDEâ€™ Trial. <i>Journal of the American Heart Association</i> , 2021, 10, e018689.	1.6	18
8	Coronary Artery Calcium Score for Personalization of Antihypertensive Therapy. <i>Hypertension</i> , 2021, 77, 1106-1118.	1.3	10
9	Sodiumâ€™glucose coâ€™transporter 2 inhibitors: strength of evidence for a cardioâ€™renalâ€™metabolic therapy. <i>European Journal of Heart Failure</i> , 2021, 23, 1009-1011.	2.9	0
10	Effects of Vitamin D Supplementation on Cardiovascular and Glycemic Biomarkers. <i>Journal of the American Heart Association</i> , 2021, 10, e017727.	1.6	10
11	Geographic Inequalities in Cardiovascular Mortality in the United States: 1999 to 2018. <i>Mayo Clinic Proceedings</i> , 2021, 96, 1218-1228.	1.4	11
12	Light-Induced Atomic Desorption in Microfabricated Vapor Cells for Demonstrating Quantum Optical Applications. <i>Physical Review Applied</i> , 2021, 15, .	1.5	6
13	Relative Predictive Value of Circulating Immune Markers in US Adults Without Cardiovascular Disease: Implications for Risk Reclassification. <i>Mayo Clinic Proceedings</i> , 2021, 96, 1812-1821.	1.4	5
14	Geographic Variation in Cardiovascular Health Among American Adults. <i>Mayo Clinic Proceedings</i> , 2021, 96, 1770-1781.	1.4	28
15	Genotype-Guided P2Y ₁₂ Inhibitor Therapy After Percutaneous Coronary Intervention: A Bayesian Analysis. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, CIRCGEN121003353.	1.6	6
16	Optical isolator based on highly efficient optical pumping of Rb atoms in a miniaturized vapor cell. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020, 53, 045201.	0.6	9
17	Lack of resolution sensor drives age-related cardiometabolic and cardiorenal defects and impedes inflammation-resolution in heart failure. <i>Molecular Metabolism</i> , 2020, 31, 138-149.	3.0	43
18	Mortality Due to Mitral Regurgitation Among Adults in the United States: 1999-2018. <i>Mayo Clinic Proceedings</i> , 2020, 95, 2633-2643.	1.4	10

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19	Hybrid Persovskite Metasurfaces: Soft Lithography for Manufacturing Scalable Perovskite Metasurfaces with Enhanced Emission and Absorption (Advanced Optical Materials 23/2020). Advanced Optical Materials, 2020, 8, 2070093.	3.6	0
20	Soft Lithography for Manufacturing Scalable Perovskite Metasurfaces with Enhanced Emission and Absorption. Advanced Optical Materials, 2020, 8, 2001627.	3.6	18
21	Racial Differences in Serial NT-proBNP Levels in Heart Failure Management. Circulation, 2020, 142, 1018-1020.	1.6	14
22	Geographic Variation in Racial Disparities in Health and Coronavirus Disease-2019 (COVID-19) Mortality. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2020, 4, 703-716.	1.2	25
23	Prevalence, Awareness, Treatment, and Poor Control of Hypertension Among Young American Adults. Mayo Clinic Proceedings, 2020, 95, 1390-1403.	1.4	21
24	Highly sensitive self-referenced plasmonic devices based on engineered periodic nanostructures for sensing in the communication band. Optical Engineering, 2020, 59, 1.	0.5	6
25	Self-referenced integrated plasmonic device based on engineered periodic nanostructures for sensing applications. , 2020, , .		2
26	Race, Natriuretic Peptides, and High-Carbohydrate Challenge. Circulation Research, 2019, 125, 957-968.	2.0	34
27	Reevaluating the Use of the Nationwide Inpatient Sample to Identify Incident Cases of Atrial Fibrillation After Aortic Valve Replacementâ€”Reply. JAMA Internal Medicine, 2019, 179, 1598.	2.6	0
28	Trends in Lipid, Lipoproteins, and Statin Use Among U.S. Adults. Journal of the American College of Cardiology, 2019, 74, 2525-2528.	1.2	34
29	Ideal Cardiovascular Health Among American Adults After the Economic Recession of 2008-2009: Insights from NHANES. American Journal of Medicine, 2019, 132, 1182-1190.e5.	0.6	25
30	Cardiovascular Health and Disease Among Asian-Americans (from the National Health and Nutrition) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.7	15
31	Evaluation of the Incidence of New-Onset Atrial Fibrillation After Aortic Valve Replacement. JAMA Internal Medicine, 2019, 179, 1122.	2.6	46
32	Race-based demographic, anthropometric and clinical correlates of N-terminal-pro B-type natriuretic peptide. International Journal of Cardiology, 2019, 286, 145-151.	0.8	16
33	Lipoprotein(a) and Risk of Ischemic Stroke in the REGARDS Study. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 810-818.	1.1	40
34	Cardiovascular Events and Hospital Deaths Among Patients With Severe Sepsis. American Journal of Cardiology, 2019, 123, 1406-1413.	0.7	11
35	ALUMINUM-BASED ENGINEERED PLASMONIC NANOSTRUCTURES FOR THE ENHANCED REFRACTIVE INDEX AND THICKNESS SENSING IN ULTRAVIOLET-VISIBLE-NEAR INFRARED SPECTRAL RANGE. Progress in Electromagnetics Research M, 2019, 79, 167-174.	0.5	7
36	In-Hospital Management and Outcomes After ST-Segmentâ€“Elevation Myocardial Infarction in Medicaid Beneficiaries Compared With Privately Insured Individuals. Circulation: Cardiovascular Quality and Outcomes, 2019, 12, e004971.	0.9	27

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37	Futile MITRA-FR and a positive COAPT trial: Where does the evidence leave the clinicians?. <i>IJC Heart and Vasculature</i> , 2019, 22, 18-19.	0.6	12
38	Racial differences in the association of NT-proBNP with risk of incident heart failure in REGARDS. <i>JCI Insight</i> , 2019, 4, .	2.3	12
39	Realization of optical isolator at room temperature in miniaturized vapor cell using light induced atomic desorption. , 2019, , .		1
40	Efficient optical pumping of alkaline atoms for evanescent fields at dielectric-vapor interfaces. <i>Optics Express</i> , 2019, 27, 33445.	1.7	4
41	Effect of NT-proBNPâ€“Guided Therapy on All-Cause Mortality in Chronic Heart Failure With Reduced Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2018, 71, 951-952.	1.2	15
42	Plasmonic Enhanced EIT and Velocity Selective Optical Pumping Measurements with Atomic Vapor. <i>ACS Photonics</i> , 2018, 5, 2609-2616.	3.2	15
43	Hospitalization Rates, Prevalence of Cardiovascular Manifestations, and Outcomes Associated With Sarcoidosis in the United States. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	49
44	FFR-guided multivessel stenting reduces urgent revascularization compared with infarct-related artery only stenting in ST-elevation myocardial infarction: A meta-analysis of randomized controlled trials. <i>International Journal of Cardiology</i> , 2018, 252, 63-67.	0.8	9
45	Trends and Cost of Heart Transplantation and Left Ventricular Assist Devices. <i>JACC: Heart Failure</i> , 2018, 6, 424-432.	1.9	32
46	Costs of Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 610-612.	1.1	13
47	Neurological effects of proprotein convertase subtilisin/kexin type 9 inhibitors: direct comparisons. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2018, 4, 132-141.	1.8	18
48	Racial Differences in Plasma Levels of N-Terminal Proâ€“B-Type Natriuretic Peptide and Outcomes. <i>JAMA Cardiology</i> , 2018, 3, 11.	3.0	45
49	Targeted Temperature Management After Cardiac Arrest: Systematic Review and Meta-analyses. <i>Anesthesia and Analgesia</i> , 2018, 126, 867-875.	1.1	36
50	Interdisciplinary Models for Research and Clinical Endeavors in Genomic Medicine: A Scientific Statement From the American Heart Association. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e000046.	1.6	10
51	Incidence and in-hospital outcomes of single-vessel coronary chronic total occlusion treated with percutaneous coronary intervention. <i>International Journal of Cardiology</i> , 2018, 269, 61-66.	0.8	15
52	Dispersion engineering with plasmonic nano structures for enhanced surface plasmon resonance sensing. <i>Scientific Reports</i> , 2018, 8, 9060.	1.6	62
53	Galectinâ€“3 and incident cognitive impairment in REGARDS, a cohort of blacks and whites. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2018, 4, 165-172.	1.8	10
54	Surgical Embolectomy for Acute Pulmonary Embolism: Systematic Review and Comprehensive Meta-Analyses. <i>Annals of Thoracic Surgery</i> , 2017, 103, 982-990.	0.7	42

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55	Conducting and interpreting high-quality systematic reviews and meta-analyses. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 471-481.	1.4	16
56	Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	89
57	Implantable Cardioverter-Defibrillator for Nonischemic Cardiomyopathy. <i>Circulation</i> , 2017, 135, 201-203.	1.6	104
58	Effect of Vitamin D Supplementation on Arterial Stiffness and Central Blood Pressure Indexes: Demystifying the Evidence. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	5
59	Percutaneous coronary intervention vs. coronary artery bypass grafting for left main revascularization: an updated meta-analysis. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2017, 3, 173-182.	1.8	8
60	Response by Golwala et al to Letter Regarding Article, "Implantable Cardioverter-Defibrillator for Nonischemic Cardiomyopathy: An Updated Meta-Analysis" <i>Circulation</i> , 2017, 135, e1200-e1202.	1.6	1
61	Catheter-directed treatment for acute pulmonary embolism: Systematic review and single-arm meta-analyses. <i>International Journal of Cardiology</i> , 2016, 225, 128-139.	0.8	43
62	Noncoding Genome-Wide Association Studies Variant for Obesity: Inroads Into Mechanism. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	5
63	Novel MicroRNA Regulators of Atrial Natriuretic Peptide Production. <i>Molecular and Cellular Biology</i> , 2016, 36, 1977-1987.	1.1	20
64	Acute Metabolic Influences on the Natriuretic Peptide System in Humans. <i>Journal of the American College of Cardiology</i> , 2016, 67, 804-812.	1.2	34
65	Vitamin D Supplementation Modulates T Cell-Mediated Immunity in Humans: Results from a Randomized Control Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 533-538.	1.8	39
66	Comparison of Approaches for Stroke Prophylaxis in Patients with Non-Valvular Atrial Fibrillation: Network Meta-Analyses of Randomized Controlled Trials. <i>PLoS ONE</i> , 2016, 11, e0163608.	1.1	8
67	High-Dose versus Low-Dose Vitamin D Supplementation and Arterial Stiffness among Individuals with Prehypertension and Vitamin D Deficiency. <i>Disease Markers</i> , 2015, 2015, 1-7.	0.6	14
68	Comparison of Approaches to Revascularization in Patients With Multivessel Coronary Artery Disease Presenting With ST-Segment Elevation Myocardial Infarction: Meta-Analyses of Randomized Control Trials. <i>Journal of the American Heart Association</i> , 2015, 4, .	1.6	13
69	Long Noncoding RNA. <i>Circulation: Cardiovascular Genetics</i> , 2015, 8, 213-215.	5.1	23
70	Weight Loss, Saline Loading, and the Natriuretic Peptide System. <i>Journal of the American Heart Association</i> , 2015, 4, e001265.	1.6	37
71	Glycoprotein IIb/IIIa inhibitors improve mortality after aspiration thrombectomy in patients with ST-segment elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2015, 187, 206-207.	0.8	6
72	Vitamin D Therapy in Individuals With Prehypertension or Hypertension. <i>Circulation</i> , 2015, 131, 254-262.	1.6	103

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73	LMKB/MARF1 Localizes to mRNA Processing Bodies, Interacts with Ge-1, and Regulates IFI44L Gene Expression. PLoS ONE, 2014, 9, e94784.	1.1	16
74	Effect of Phosphodiesterase Inhibition on Insulin Resistance in Obese Individuals. Journal of the American Heart Association, 2014, 3, e001001.	1.6	28
75	Top Advances in Functional Genomics and Translational Biology for 2013. Circulation: Cardiovascular Genetics, 2014, 7, 89-92.	5.1	1
76	Long Noncoding RNAâ€“MicroRNAâ€“mRNA. Circulation: Cardiovascular Genetics, 2014, 7, 729-731.	5.1	7
77	Metabolomics Yield a Novel Biomarker for Predicting Diabetes Mellitus Risk in Humans. Circulation: Cardiovascular Genetics, 2014, 7, 95-96.	5.1	5
78	Obesity Genetics and Epigenetics. Circulation: Cardiovascular Genetics, 2014, 7, 395-396.	5.1	10
79	MicroRNA Passenger Strand. Circulation: Cardiovascular Genetics, 2014, 7, 567-568.	5.1	5
80	Effects of subacute dietary salt intake and acute volume expansion on diastolic function in young normotensive individuals. European Heart Journal Cardiovascular Imaging, 2013, 14, 1092-1098.	0.5	12
81	Soluble Guanylate Cyclase $\alpha 1$ â€“Deficient Mice: A Novel Murine Model for Primary Open Angle Glaucoma. Annals of Neurosciences, 2013, 20, 65-6.	0.9	3
82	Salt, Immune Function, and the Risk of Autoimmune Diseases. Circulation: Cardiovascular Genetics, 2013, 6, 642-643.	5.1	2
83	Glucagon-Like Peptide-1 Receptorâ€“Atrial Natriuretic Peptide Axis. Circulation: Cardiovascular Genetics, 2013, 6, 523-523.	5.1	2
84	Atrial natriuretic peptide is negatively regulated by microRNA-425. Journal of Clinical Investigation, 2013, 123, 3378-3382.	3.9	109
85	Soluble Guanylate Cyclase $\hat{\pm} 1$ â€“Deficient Mice: A Novel Murine Model for Primary Open Angle Glaucoma. PLoS ONE, 2013, 8, e60156.	1.1	55
86	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. Nature, 2011, 478, 103-109.	13.7	1,855
87	Cardiac Natriuretic Peptides, Obesity, and Insulin Resistance: Evidence from Two Community-Based Studies. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 3242-3249.	1.8	141
88	Association of genetic variation with systolic and diastolic blood pressure among African Americans: the Candidate Gene Association Resource study. Human Molecular Genetics, 2011, 20, 2273-2284.	1.4	168
89	Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. Nature Genetics, 2011, 43, 1005-1011.	9.4	403
90	Blood pressure and human genetic variation in the general population. Current Opinion in Cardiology, 2010, 25, 229-237.	0.8	26

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91	Genome-Wide Association Study of Blood Pressure Extremes Identifies Variant near UMOD Associated with Hypertension. PLoS Genetics, 2010, 6, e1001177.	1.5	312
92	Multiwavelength plasmonic activity in aluminum-based 2D nanostructures for biosensing applications. Journal of Computational Electronics, 0, , 1.	1.3	0