

Jagmeet P Singh

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

157
papers

4,935
citations

34
h-index

66
g-index

196
ext. papers

6,079
ext. citations

6.1
avg, IF

5.47
L-index

#	Paper	IF	Citations
157	Relationship Between Electrical and Mechanical Dyssynchrony and Outcomes Among Patients Undergoing Cardiac Resynchronization Therapy. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021 , CIRCEP121010217	6.4	
156	Evolving Cardiac Electrical Therapies for Advanced Heart Failure Patients. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021 , 14, e009668	6.4	0
155	Social determinants of telemedicine utilization in ambulatory cardiovascular patients during the COVID-19 pandemic. <i>European Heart Journal Digital Health</i> , 2021 , 2, 244-253	2.3	2
154	Modified design of stimulation of the left ventricular endocardium for cardiac resynchronization therapy in nonresponders, previously untreatable and high-risk upgrade patients (SOLVE-CRT) trial. <i>American Heart Journal</i> , 2021 , 235, 158-162	4.9	3
153	Smartwatch Electrocardiogram and Artificial Intelligence for Assessing Cardiac-Rhythm Safety of Drug Therapy in the COVID-19 Pandemic. The QT-logs study. <i>International Journal of Cardiology</i> , 2021 , 331, 333-339	3.2	7
152	Autonomic modulation and cardiac arrhythmias: old insights and novel strategies. <i>Europace</i> , 2021 , 23, 1708-1721	3.9	0
151	Combination Biomarkers for Risk Stratification in Patients With Chronic Heart Failure Biomarkers Prognostication in HF. <i>Journal of Cardiac Failure</i> , 2021 , 27, 1321-1327	3.3	1
150	Virtual multidisciplinary care for heart failure patients with cardiac resynchronization therapy devices during the Coronavirus Disease 2019 pandemic. <i>IJC Heart and Vasculature</i> , 2021 , 34, 100811	2.4	1
149	Low-Level Tragus Stimulation Modulates Atrial Alternans and Fibrillation Burden in Patients With Paroxysmal Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2021 , 10, e020865	6	5
148	Microvolt T-Wave Alternans Is Modulated by Acute Low-Level Tragus Stimulation in Patients With Ischemic Cardiomyopathy and Heart Failure. <i>Frontiers in Physiology</i> , 2021 , 12, 707724	4.6	1
147	Leadless left ventricular stimulation with WiSE-CRT System - Initial experience and results from phase I of SOLVE-CRT Study (nonrandomized, roll-in phase). <i>Heart Rhythm</i> , 2021 ,	6.7	6
146	Arrhythmias and device therapies in patients with cancer therapy-induced cardiomyopathy. <i>Heart Rhythm</i> , 2021 , 18, 1223-1229	6.7	0
145	Machine learning versus conventional clinical methods in guiding management of heart failure patients-a systematic review. <i>Heart Failure Reviews</i> , 2021 , 26, 23-34	5	25
144	Integrated electrophysiology care for patients with heart failure: An envisioned future. <i>Heart Rhythm</i> , 2021 , 18, e51-e63	6.7	0
143	Arrhythmias in Cardiac Sarcoidosis Bench to Bedside: A Case-Based Review. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021 , 14, e009203	6.4	4
142	The cost of non-response to cardiac resynchronization therapy: characterizing heart failure events following cardiac resynchronization therapy. <i>Europace</i> , 2021 , 23, 1586-1595	3.9	1
141	Ventricular activation patterns during intrinsic conduction and right ventricular pacing in cardiac resynchronization therapy patients. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2021 , 44, 1663-1670	1.6	0

140	Risk of ventricular arrhythmia in cardiac resynchronization therapy responders and super-responders: a systematic review and meta-analysis. <i>Europace</i> , 2021 , 23, 1262-1274	3.9	3
139	Association of an Acute Myocardial Infarction Readmission-Reduction Program With Mortality and Readmission. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2020 , 13, e006043	5.8	5
138	Comparative Effectiveness of Primary Prevention Implantable Cardioverter-Defibrillators in Older Heart Failure Patients With Diabetes Mellitus. <i>Journal of the American Heart Association</i> , 2020 , 9, e012403	6	2
137	Real-Time Closed-Loop Suppression of Repolarization Alternans Reduces Arrhythmia Susceptibility In Vivo. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020 , 13, e008186	6.4	5
136	Real-world behavior of CRT pacing using the AdaptivCRT algorithm on patient outcomes: Effect on mortality and atrial fibrillation incidence. <i>Journal of Cardiovascular Electrophysiology</i> , 2020 , 31, 825-833	2.7	13
135	State-of-the-Art Machine Learning Techniques Aiming to Improve Patient Outcomes Pertaining to the Cardiovascular System. <i>Journal of the American Heart Association</i> , 2020 , 9, e013924	6	43
134	Cardiac Resynchronization Therapy for Chemotherapy-Induced Cardiomyopathy-Reply. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 323, 1317	27.4	
133	Wearable Devices for Ambulatory Cardiac Monitoring: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 1582-1592	15.1	76
132	Autonomic Modulation of Cardiac Arrhythmias: Methods to Assess Treatment and Outcomes. <i>JACC: Clinical Electrophysiology</i> , 2020 , 6, 467-483	4.6	17
131	Coronary Sinus Neuropeptide Y Levels and Adverse Outcomes in Patients With Stable Chronic Heart Failure. <i>JAMA Cardiology</i> , 2020 , 5, 318-325	16.2	20
130	Left ventricular wall thickness assessed by cardiac computed tomography and cardiac resynchronization therapy outcomes. <i>Europace</i> , 2020 , 22, 401-411	3.9	3
129	Utility of Computed Tomography to Predict Ventricular Arrhythmias in Patients With Nonischemic Cardiomyopathy Receiving Cardiac Resynchronization Therapy. <i>American Journal of Cardiology</i> , 2020 , 125, 607-612	3	1
128	Targeted Left Ventricular Lead Implantation Strategy for Non-Left Bundle Branch Block Patients: The ENHANCE CRT Study. <i>JACC: Clinical Electrophysiology</i> , 2020 , 6, 1171-1181	4.6	7
127	Sensor-aided continuous care and self-management: implications for the post-COVID era. <i>The Lancet Digital Health</i> , 2020 , 2, e632-e634	14.4	2
126	Left ventricle and mitral valve reverse remodeling in response to cardiac resynchronization therapy in nonischemic cardiomyopathy. <i>Echocardiography</i> , 2020 , 37, 1557-1565	1.5	0
125	Computed Tomography-Guided Assessment of Response to Cardiac Resynchronization Therapy. <i>JACC: Clinical Electrophysiology</i> , 2019 , 5, 987-989	4.6	2
124	Utility of a smartphone based system (cvrphone) to accurately determine apneic events from electrocardiographic signals. <i>PLoS ONE</i> , 2019 , 14, e0217217	3.7	10
123	Design and rationale for the Stimulation Of the Left Ventricular Endocardium for Cardiac Resynchronization Therapy in non-responders and previously untreatable patients (SOLVE-CRT) trial. <i>American Heart Journal</i> , 2019 , 217, 13-22	4.9	16

122	Electrocardiographic optimization techniques in resynchronization therapy. <i>Europace</i> , 2019 , 21, 1286-1296	3.6	6
121	Can cardiac resynchronization therapy be used as a tool to reduce sudden cardiac arrest?. <i>Progress in Cardiovascular Diseases</i> , 2019 , 62, 242-248	8.5	1
120	Alternative left ventricular pacing approaches for optimal cardiac resynchronization therapy. <i>Heart Rhythm</i> , 2019 , 16, 1281-1289	6.7	4
119	The effects of cardiac resynchronization therapy on left ventricular and mitral valve geometry and secondary mitral regurgitation in patients with left bundle branch block. <i>Echocardiography</i> , 2019 , 36, 1450-1458	1.5	3
118	Utility of a Smartphone Based System (cvrPhone) to Predict Short-term Arrhythmia Susceptibility. <i>Scientific Reports</i> , 2019 , 9, 14497	4.9	12
117	Association of Cardiac Resynchronization Therapy With Change in Left Ventricular Ejection Fraction in Patients With Chemotherapy-Induced Cardiomyopathy. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 322, 1799-1805	27.4	19
116	Evaluation, Management, and Outcomes of Patients Poorly Responsive to Cardiac Resynchronization Device Therapy. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 2588-2603	15.1	21
115	Measuring individual physician clinical productivity in an era of consolidated group practices. <i>Healthcare</i> , 2019 , 7,	1.8	1
114	Relationship of soluble ST2 to pulmonary hypertension severity in patients undergoing cardiac resynchronization therapy. <i>Journal of Thoracic Disease</i> , 2019 , 11, 5362-5371	2.6	4
113	Cardiorenal status using amino-terminal pro-brain natriuretic peptide and cystatin C on cardiac resynchronization therapy outcomes: From the BIOCRT Study. <i>Heart Rhythm</i> , 2019 , 16, 928-935	6.7	5
112	Preventing Postoperative Atrial Fibrillation After Noncardiac Surgery: A Meta-analysis. <i>American Journal of Medicine</i> , 2018 , 131, 795-804.e5	2.4	15
111	The heart regulates the endocrine response to heart failure: cardiac contribution to circulating neprilysin. <i>European Heart Journal</i> , 2018 , 39, 1794-1798	9.5	21
110	Cardiac Implantable Electronic Devices in Patients With Left Ventricular Assist Systems. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 1483-1493	15.1	21
109	Indications for Cardiac Resynchronization Therapy: A Comparison of the Major International Guidelines. <i>JACC: Heart Failure</i> , 2018 , 6, 308-316	7.9	47
108	Utility of dual-source computed tomography in cardiac resynchronization therapy-DIRECT study. <i>Heart Rhythm</i> , 2018 , 15, 1206-1213	6.7	14
107	Incidence and Clinical Significance of New-Onset Device-Detected Atrial Tachyarrhythmia: A Meta-Analysis. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018 , 11, e005393	6.4	15
106	Cardiac Resynchronization Therapy in Patients With Heart Failure and Narrow QRS Complexes. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 1325-1333	15.1	10
105	A new simplified electrocardiographic score predicts clinical outcome in patients treated with CRT. <i>Europace</i> , 2018 , 20, 492-500	3.9	6

104	HeartLogic Multisensor Algorithm Identifies Patients During Periods of Significantly Increased Risk of Heart Failure Events: Results From the MultiSENSE Study. <i>Circulation: Heart Failure</i> , 2018 , 11, e004669	7.6	39
103	Interaction of Left Ventricular Size and Sex on Outcome of Cardiac Resynchronization Therapy Among Patients With a Narrow QRS Duration in the EchoCRT Trial. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	13
102	Effects of cardiac resynchronization therapy after inferior myocardial infarction on secondary mitral regurgitation and mitral valve geometry. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2018 , 41, 114-121	1.6	2
101	Rationale and design for ENHANCE CRT: QLV implant strategy for non-left bundle branch block patients. <i>ESC Heart Failure</i> , 2018 , 5, 1184-1190	3.7	7
100	Effect of Interventricular Electrical Delay on Atrioventricular Optimization for Cardiac Resynchronization Therapy. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018 , 11, e006055	6.4	10
99	Left Ventricular Lead Location and Long-Term Outcomes in Cardiac Resynchronization Therapy Patients. <i>JACC: Clinical Electrophysiology</i> , 2018 , 4, 1410-1420	4.6	11
98	Long-term reverse remodeling by cardiac resynchronization therapy with MultiPoint Pacing: A feasibility study of noninvasive hemodynamics-guided device programming. <i>Heart Rhythm</i> , 2018 , 15, 1766-1774	6.7	12
97	Increasing sex differences in the use of cardiac resynchronization therapy with or without implantable cardioverter-defibrillator. <i>European Heart Journal</i> , 2017 , 38, 1485-1494	9.5	26
96	Mid-regional pro-atrial natriuretic peptide to predict clinical course in heart failure patients undergoing cardiac resynchronization therapy. <i>Europace</i> , 2017 , 19, 1848-1854	3.9	8
95	A Multisensor Algorithm Predicts Heart Failure Events in Patients With Implanted Devices: Results From the MultiSENSE Study. <i>JACC: Heart Failure</i> , 2017 , 5, 216-225	7.9	139
94	Coronary Sinus Lead Positioning. <i>Heart Failure Clinics</i> , 2017 , 13, 79-91	3.3	6
93	A Novel Point-of-Care Smartphone Based System for Monitoring the Cardiac and Respiratory Systems. <i>Scientific Reports</i> , 2017 , 7, 44946	4.9	19
92	Soluble CD146 Is a Novel Marker of Systemic Congestion in Heart Failure Patients: An Experimental Mechanistic and Transcardiac Clinical Study. <i>Clinical Chemistry</i> , 2017 , 63, 386-393	5.5	25
91	Prognostic implications of left ventricular global longitudinal strain in heart failure patients with narrow QRS complex treated with cardiac resynchronization therapy: a subanalysis of the randomized EchoCRT trial. <i>European Heart Journal</i> , 2017 , 38, 720-726	9.5	17
90	Impact of cardiac resynchronization therapy on mitral valve apparatus geometry and clinical outcomes in patients with secondary mitral regurgitation. <i>Echocardiography</i> , 2017 , 34, 1561-1567	1.5	7
89	Multicenter Automatic Defibrillator Implantation Trial-Subcutaneous Implantable Cardioverter Defibrillator (MADIT S-ICD): Design and clinical protocol. <i>American Heart Journal</i> , 2017 , 189, 158-166	4.9	27
88	Effect of cardiac resynchronization therapy in patients with diabetes randomized in EchoCRT. <i>European Journal of Heart Failure</i> , 2017 , 19, 80-87	12.3	4
87	How to Maximize CRT Response at Implant 2017 , 55-62		

86	Contractility sensor-guided optimization of cardiac resynchronization therapy: results from the RESPOND-CRT trial. <i>European Heart Journal</i> , 2017 , 38, 730-738	9.5	56
85	Advances in Heart Failure Management: Improving Outcomes With Innovation. <i>Reviews in Cardiovascular Medicine</i> , 2017 , 18, S1-S16	3.9	
84	Association of persistent or worsened echocardiographic dyssynchrony with unfavourable clinical outcomes in heart failure patients with narrow QRS width: a subgroup analysis of the EchoCRT trial. <i>European Heart Journal</i> , 2016 , 37, 49-59	9.5	30
83	T-wave area as biomarker of clinical response to cardiac resynchronization therapy. <i>Europace</i> , 2016 , 18, 1077-85	3.9	9
82	Real-World Assessment of Acute Left Ventricular Lead Implant Success and Complication Rates: Results from the Attain Success Clinical Trial. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2016 , 39, 1246-1253	16.6	6
81	Cardiac Resynchronization Therapy and Implantable Cardioverter Defibrillator Therapy in Advanced Heart Failure. <i>Heart Failure Clinics</i> , 2016 , 12, 423-36	3.3	3
80	Longer Left Ventricular Electric Delay Reduces Mitral Regurgitation After Cardiac Resynchronization Therapy: Mechanistic Insights From the SMART-AV Study (SmartDelay Determined AV Optimization: A Comparison to Other AV Delay Methods Used in Cardiac Resynchronization Therapy). <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016 , 9,	6.4	10
79	Interventricular Electrical Delay Is Predictive of Response to Cardiac Resynchronization Therapy. <i>JACC: Clinical Electrophysiology</i> , 2016 , 2, 438-447	4.6	26
78	Usefulness of the Sum Absolute QRST Integral to Predict Outcomes in Patients Receiving Cardiac Resynchronization Therapy. <i>American Journal of Cardiology</i> , 2016 , 118, 389-95	3	10
77	2015 HRS/EHRA/APHRS/SOLAECE expert consensus statement on optimal implantable cardioverter-defibrillator programming and testing. <i>Heart Rhythm</i> , 2016 , 13, e50-86	6.7	142
76	National Trends in the Use of Cardiac Resynchronization Therapy With or Without Implantable Cardioverter-Defibrillator. <i>Circulation</i> , 2016 , 133, 273-81	16.7	34
75	Inflammatory Mediators and Clinical Outcome in Patients With Advanced Heart Failure Receiving Cardiac Resynchronization Therapy. <i>American Journal of Cardiology</i> , 2016 , 117, 617-625	3	8
74	QRS Duration or QRS Morphology: What Really Matters in Cardiac Resynchronization Therapy?. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 1104-1117	15.1	49
73	2015 HRS/EHRA/APHRS/SOLAECE expert consensus statement on optimal implantable cardioverter-defibrillator programming and testing. <i>Europace</i> , 2016 , 18, 159-83	3.9	80
72	Prognostic Impact of QRS Axis Deviation in Patients Treated With Cardiac Resynchronization Therapy. <i>Journal of Cardiovascular Electrophysiology</i> , 2016 , 27, 315-20	2.7	12
71	Incremental value of cystatin C over conventional renal metrics for predicting clinical response and outcomes in cardiac resynchronization therapy: The BIOCRT study. <i>International Journal of Cardiology</i> , 2016 , 205, 43-49	3.2	8
70	Reply to the Editor-Prognostic Implication of Baseline PR Interval in Patients Undergoing Cardiac Resynchronization Therapy. <i>Heart Rhythm</i> , 2016 , 13, 1573-4	6.7	
69	2015 HRS/EHRA/APHRS/SOLAECE expert consensus statement on optimal implantable cardioverter-defibrillator programming and testing. <i>Journal of Arrhythmia</i> , 2016 , 32, 1-28	1.5	27

68	Response to Letter Regarding Article, "Circulating MicroRNA-30d Is Associated With Response to Cardiac Resynchronization Therapy in Heart Failure and Regulates Cardiomyocyte Apoptosis: A Translational Pilot Study". <i>Circulation</i> , 2016 , 133, e389-e390	16.7	0
67	Novel Heart Failure Biomarkers Predict Improvement of Mitral Regurgitation in Patients Receiving Cardiac Resynchronization Therapy-The BIOCRT Study. <i>Canadian Journal of Cardiology</i> , 2016 , 32, 1478-1484	2.8	10
66	Prognostic implication of baseline PR interval in cardiac resynchronization therapy recipients. <i>Heart Rhythm</i> , 2015 , 12, 2256-62	6.7	21
65	The effect of QRS duration on cardiac resynchronization therapy in patients with a narrow QRS complex: a subgroup analysis of the EchoCRT trial. <i>European Heart Journal</i> , 2015 , 36, 1983-9	9.5	48
64	Association of hypothyroidism with adverse events in patients with heart failure receiving cardiac resynchronization therapy. <i>American Journal of Cardiology</i> , 2015 , 115, 1249-53	3	10
63	Cardiac resynchronization therapy: past, present, and future. <i>Heart Failure Clinics</i> , 2015 , 11, 287-303	3.3	21
62	SIMPLEr not to test implantable cardioverter defibrillators?. <i>Lancet, The</i> , 2015 , 385, 753-5	4.0	1
61	Reduced appropriate implantable cardioverter-defibrillator therapy after cardiac resynchronization therapy-induced left ventricular function recovery: a meta-analysis and systematic review. <i>European Heart Journal</i> , 2015 , 36, 2780-9	9.5	39
60	An electrophysiologist perspective on risk stratification in heart failure: can better understanding of the condition of the cardiac sympathetic nervous system help?. <i>Journal of Nuclear Medicine</i> , 2015 , 56 Suppl 4, 59S-64S	8.9	4
59	Novel measure of electrical dyssynchrony predicts response in cardiac resynchronization therapy: Results from the SMART-AV Trial. <i>Heart Rhythm</i> , 2015 , 12, 2402-10	6.7	24
58	The Role of I-123 Metaiodobenzylguanidine Imaging in Management of Patients With Heart Failure. <i>American Journal of Cardiology</i> , 2015 , 116 Suppl 1, S1-9	3	5
57	Novel Interventional Therapies to Modulate the Autonomic Tone in Heart Failure. <i>JACC: Heart Failure</i> , 2015 , 3, 786-802	7.9	35
56	Coronary Sinus Lead Positioning. <i>Cardiac Electrophysiology Clinics</i> , 2015 , 7, 635-47	1.4	1
55	Myocardial scar imaging by standard single-energy and dual-energy late enhancement CT: Comparison with pathology and electroanatomic map in an experimental chronic infarct porcine model. <i>Journal of Cardiovascular Computed Tomography</i> , 2015 , 9, 313-20	2.8	15
54	Three-Dimensional Cardiac Mapping Characterizes Ventricular Contractile Patterns during Cardiac Resynchronization Therapy Implant: A Feasibility Study. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2015 , 38, 1091-8	1.6	1
53	Renal Response in Patients with Chronic Kidney Disease Predicts Outcome Following Cardiac Resynchronization Therapy. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2015 , 38, 1192-200	1.6	12
52	A review of multisite pacing to achieve cardiac resynchronization therapy. <i>Europace</i> , 2015 , 17, 7-17	3.9	58
51	Rationale and Design of the Left Atrial Pressure Monitoring to Optimize Heart Failure Therapy Study (LAPTOP-HF). <i>Journal of Cardiac Failure</i> , 2015 , 21, 479-88	3.3	50

50	Assessing mitral regurgitation in the prediction of clinical outcome after cardiac resynchronization therapy. <i>Heart Rhythm</i> , 2015 , 12, 1201-8	6.7	21
49	Circulating MicroRNA-30d Is Associated With Response to Cardiac Resynchronization Therapy in Heart Failure and Regulates Cardiomyocyte Apoptosis: A Translational Pilot Study. <i>Circulation</i> , 2015 , 131, 2202-2216	16.7	100
48	Anemia and its association with clinical outcome in heart failure patients undergoing cardiac resynchronization therapy. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2015 , 44, 297-304	2.4	10
47	Comparative Effectiveness of CRT-D Versus Defibrillator Alone in HF Patients With Moderate-to-Severe Chronic Kidney Disease. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 2618-2629	15.1	19
46	Usefulness of hyponatremia as a predictor for adverse events in patients with heart failure receiving cardiac resynchronization therapy. <i>American Journal of Cardiology</i> , 2014 , 114, 83-7	3	6
45	Non-pharmacological modulation of the autonomic tone to treat heart failure. <i>European Heart Journal</i> , 2014 , 35, 77-85	9.5	50
44	Progressive ventricular dysfunction among nonresponders to cardiac resynchronization therapy: baseline predictors and associated clinical outcomes. <i>Heart Rhythm</i> , 2014 , 11, 1991-8	6.7	10
43	New classification scheme for atrial fibrillation symptom severity and burden. <i>American Journal of Cardiology</i> , 2014 , 114, 260-5	3	14
42	Device-measured physical activity versus six-minute walk test as a predictor of reverse remodeling and outcome after cardiac resynchronization therapy for heart failure. <i>American Journal of Cardiology</i> , 2014 , 113, 1523-8	3	27
41	Pre-capillary pulmonary hypertension and right ventricular dilation predict clinical outcome in cardiac resynchronization therapy. <i>JACC: Heart Failure</i> , 2014 , 2, 230-7	7.9	18
40	Spinal cord stimulation for intercostal neuralgia in a patient with implantable cardiac defibrillator and biventricular pacing. <i>Neuromodulation</i> , 2014 , 17, 386-8	3.1	3
39	Coronary sinus biomarker sampling compared to peripheral venous blood for predicting outcomes in patients with severe heart failure undergoing cardiac resynchronization therapy: the BIOCRT study. <i>Heart Rhythm</i> , 2014 , 11, 2167-75	6.7	41
38	A novel method to capture the onset of dynamic electrocardiographic ischemic changes and its implications to arrhythmia susceptibility. <i>Journal of the American Heart Association</i> , 2014 , 3, e001055	6	11
37	Automatic optimization of cardiac resynchronization therapy using SonR-rationale and design of the clinical trial of the SonRtip lead and automatic AV-VV optimization algorithm in the paradigm RF SonR CRT-D (RESPOND CRT) trial. <i>American Heart Journal</i> , 2014 , 167, 429-36	4.9	21
36	Device-Based Approaches to Modulate the Autonomic Nervous System and Cardiac Electrophysiology. <i>Arrhythmia and Electrophysiology Review</i> , 2014 , 3, 30-5	3.2	3
35	Cardiac-resynchronization therapy in heart failure with a narrow QRS complex. <i>New England Journal of Medicine</i> , 2013 , 369, 1395-405	59.2	495
34	The effect of left ventricular electrical delay on AV optimization for cardiac resynchronization therapy. <i>Heart Rhythm</i> , 2013 , 10, 988-93	6.7	28
33	Clinical response with adaptive CRT algorithm compared with CRT with echocardiography-optimized atrioventricular delay: a retrospective analysis of multicentre trials. <i>Europace</i> , 2013 , 15, 1622-8	3.9	41

32	QRS morphology, left ventricular lead location, and clinical outcome in patients receiving cardiac resynchronization therapy. <i>European Heart Journal</i> , 2013 , 34, 2252-62	9.5	56
31	Left ventricular lead location and the risk of ventricular arrhythmias in the MADIT-CRT trial. <i>European Heart Journal</i> , 2013 , 34, 184-90	9.5	37
30	2012 EHRA/HRS expert consensus statement on cardiac resynchronization therapy in heart failure: implant and follow-up recommendations and management. <i>Heart Rhythm</i> , 2012 , 9, 1524-76	6.7	170
29	Clinical, laboratory, and pacing predictors of CRT response. <i>Journal of Cardiovascular Translational Research</i> , 2012 , 5, 196-212	3.3	18
28	ICDs, guidelines, and national registries: opportunities to enhance quality of patient care. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2012 , 35, 253-8	1.6	1
27	Meta-analysis of biventricular vs. right ventricular pacing mode in patients with atrial fibrillation undergoing atrioventricular nodal ablation: what was the quality of the included trials? - reply. <i>European Journal of Heart Failure</i> , 2012 , 14, 1311-1312	12.3	
26	Biventricular pacing: current trends and future strategies. <i>European Heart Journal</i> , 2012 , 33, 305-13	9.5	20
25	Multidisciplinary care of patients receiving cardiac resynchronization therapy is associated with improved clinical outcomes. <i>European Heart Journal</i> , 2012 , 33, 2181-8	9.5	63
24	Renin-angiotensin-system modulators and the incidence of atrial fibrillation following hospitalization for coronary artery disease. <i>Europace</i> , 2012 , 14, 1287-93	3.9	7
23	Left ventricular lead position and clinical outcome in the multicenter automatic defibrillator implantation trial-cardiac resynchronization therapy (MADIT-CRT) trial. <i>Circulation</i> , 2011 , 123, 1159-66	16.7	420
22	The relationship between ventricular electrical delay and left ventricular remodelling with cardiac resynchronization therapy. <i>European Heart Journal</i> , 2011 , 32, 2516-24	9.5	234
21	Simultaneous electrical and mechanical mapping using 3D cardiac mapping system: novel approach for optimal cardiac resynchronization therapy. <i>Journal of Cardiovascular Electrophysiology</i> , 2010 , 21, 219-222	2.7	24
20	Implantable sensors for heart failure. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2010 , 3, 657-67	6.4	38
19	Primary results from the SmartDelay determined AV optimization: a comparison to other AV delay methods used in cardiac resynchronization therapy (SMART-AV) trial: a randomized trial comparing empirical, echocardiography-guided, and algorithmic atrioventricular delay programming in cardiac resynchronization therapy. <i>Circulation</i> , 2010 , 122, 2668-8	16.7	292
18	Elusive atrial substrate: complex fractionated atrial electrograms and beyond. <i>Heart Rhythm</i> , 2010 , 7, 1886-90	6.7	6
17	Device diagnostics and long-term clinical outcome in patients receiving cardiac resynchronization therapy. <i>Europace</i> , 2009 , 11, 1647-53	3.9	21
16	Patient selection and classification for atrial fibrillation ablation: thinking beyond duration. <i>Heart Rhythm</i> , 2009 , 6, 1522-5	6.7	4
15	QRS configuration and cardiac resynchronization therapy: do we need a patient-specific approach?. <i>Heart Rhythm</i> , 2009 , 6, 1448-9	6.7	1

14	Cardiac resynchronization in patients with atrial fibrillation: a meta-analysis of prospective cohort studies. <i>Journal of the American College of Cardiology</i> , 2008 , 52, 1239-46	15.1	143
13	Potential uses of computed tomography for management of heart failure patients with dyssynchrony. <i>Critical Pathways in Cardiology</i> , 2008 , 7, 185-90	1.3	9
12	Fusion of three-dimensional X-ray angiography and three-dimensional echocardiography. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2008 , 2, 293-303	3.9	13
11	Usefulness of high-speed rotational coronary venous angiography during cardiac resynchronization therapy. <i>American Journal of Cardiology</i> , 2007 , 100, 1561-5	3	20
10	Variability of coronary venous anatomy in patients undergoing cardiac resynchronization therapy: a high-speed rotational venography study. <i>Heart Rhythm</i> , 2007 , 4, 1155-62	6.7	56
9	"Dialing-in" cardiac resynchronization therapy: overcoming constraints of the coronary venous anatomy. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2006 , 17, 51-8	2.4	15
8	Usefulness of a novel "response score" to predict hemodynamic and clinical outcome from cardiac resynchronization therapy. <i>American Journal of Cardiology</i> , 2006 , 97, 1732-6	3	13
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