

Steven B Feinstein

List of Publications by Year in descending order

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70
papers

5,077
citations

117625

34
h-index

110387

64
g-index

72
all docs

72
docs citations

72
times ranked

3901
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Pioglitazone Compared With Glimepiride on Carotid Intima-Media Thickness in Type 2 Diabetes. JAMA - Journal of the American Medical Association, 2006, 296, 2572.	7.4	630
2	Safety and efficacy of a new transpulmonary ultrasound contrast agent: Initial multicenter clinical results. Journal of the American College of Cardiology, 1990, 16, 316-324.	2.8	338
3	Vasa Vasorum and Plaque Neovascularization on Contrast-Enhanced Carotid Ultrasound Imaging Correlates With Cardiovascular Disease and Past Cardiovascular Events. Stroke, 2010, 41, 41-47.	2.0	293
4	Contrast Echocardiography: Current and Future Applications. Journal of the American Society of Echocardiography, 2000, 13, 331-342.	2.8	289
5	Two-dimensional contrast echocardiography. I. In vitro development and quantitative analysis of echo contrast agents. Journal of the American College of Cardiology, 1984, 3, 14-20.	2.8	285
6	Contrast Ultrasound Imaging of the Carotid Artery Vasa Vasorum and Atherosclerotic Plaque Neovascularization. Journal of the American College of Cardiology, 2006, 48, 236-243.	2.8	240
7	Contrast-enhanced ultrasound imaging of atherosclerotic carotid plaque neovascularization: a new surrogate marker of atherosclerosis?. Vascular Medicine, 2007, 12, 291-297.	1.5	216
8	The powerful microbubble: from bench to bedside, from intravascular indicator to therapeutic delivery system, and beyond. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 287, H450-H457.	3.2	190
9	Microbubble dynamics visualized in the intact capillary circulation. Journal of the American College of Cardiology, 1984, 4, 595-600.	2.8	161
10	Contrast-Enhanced Ultrasound Imaging of the Vasa Vasorum. JACC: Cardiovascular Imaging, 2010, 3, 761-771.	5.3	156
11	Recommendations for the Assessment of Carotid Arterial Plaque by Ultrasound for the Characterization of Atherosclerosis and Evaluation of Cardiovascular Risk: From the American Society of Echocardiography. Journal of the American Society of Echocardiography, 2020, 33, 917-933.	2.8	156
12	Correlation of Carotid Artery Atherosclerotic Lesion Echogenicity and Severity at Standard US with Intraplaque Neovascularization Detected at Contrast-enhanced US. Radiology, 2011, 258, 618-626.	7.3	128
13	Ability of the no-reflow phenomenon during an acute myocardial infarction to predict left ventricular dysfunction at one-month follow-up. American Journal of Cardiology, 1995, 76, 861-868.	1.6	121
14	Effects of Consumption of Pomegranate Juice on Carotid Intima-Media Thickness in Men and Women at Moderate Risk for Coronary Heart Disease. American Journal of Cardiology, 2009, 104, 936-942.	1.6	119
15	Contrast echocardiography during coronary arteriography in humans: Perfusion and anatomic studies. Journal of the American College of Cardiology, 1988, 11, 59-65.	2.8	116
16	Contrast echocardiography for evaluation of myocardial perfusion: Effects of coronary angioplasty. Journal of the American College of Cardiology, 1986, 8, 232-235.	2.8	112
17	Update on the safety and efficacy of commercial ultrasound contrast agents in cardiac applications. Journal of Animal Science and Technology, 2015, 2, R55-R62.	2.5	83
18	Contrast enhanced ultrasound imaging. Journal of Nuclear Cardiology, 2010, 17, 106-115.	2.1	77

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19	Pitfalls in Quantitative Contrast Echocardiography: The Steps to Quantitation of Perfusion. <i>Journal of the American Society of Echocardiography</i> , 1993, 6, 395-416.	2.8	75
20	Transesophageal echocardiographic monitoring of myocardial ischemia during vascular surgery. <i>Journal of Vascular Surgery</i> , 1987, 5, 607-613.	1.1	68
21	Carotid intima-media thickness measurements: Techniques and clinical relevance. <i>Current Atherosclerosis Reports</i> , 2008, 10, 444-450.	4.8	68
22	Noninvasive surrogate markers of atherosclerosis. <i>American Journal of Cardiology</i> , 2002, 89, 31-43.	1.6	64
23	Noninvasive Imaging of the Vulnerable Atherosclerotic Plaque. <i>Current Problems in Cardiology</i> , 2010, 35, 556-591.	2.4	64
24	Imaging of the vasa vasorum. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2008, 5, S18-S25.	3.3	61
25	Contrast-Enhanced Ultrasound for Assessing Carotid Atherosclerotic Plaque Lesions. <i>American Journal of Roentgenology</i> , 2012, 198, W13-W19.	2.2	59
26	Ultrasound-mediated targeted drug delivery: recent success and remaining challenges. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 304, H350-H357.	3.2	58
27	Contrast echocardiography: review and future directions. <i>American Journal of Cardiology</i> , 1998, 81, 41G-48G.	1.6	56
28	Contrast-enhanced ultrasound for imaging vasa vasorum: comparison with histopathology in a swine model of atherosclerosis. <i>European Journal of Echocardiography</i> , 2010, 11, 659-664.	2.3	56
29	Carotid intraplaque neovascularization predicts coronary artery disease and cardiovascular events. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 1239-1247.	1.2	54
30	Safety of Ultrasound Contrast Agents in Patients With Known or Suspected Cardiac Shunts. <i>American Journal of Cardiology</i> , 2013, 112, 1039-1045.	1.6	53
31	Role of surrogate markers in assessing patients with diabetes mellitus and the metabolic syndrome and in evaluating lipid-lowering therapy. <i>American Journal of Cardiology</i> , 2004, 93, 32-48.	1.6	47
32	Effect of contrast enhancement on measurement of carotid artery intimal medial thickness. <i>Vascular Medicine</i> , 2004, 9, 7-12.	1.5	45
33	Tissue-Type Plasminogen Activator Therapy Versus Primary Coronary Angioplasty: Impact on Myocardial Tissue Perfusion and Regional Function 1 Month After Uncomplicated Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 1998, 31, 338-343.	2.8	41
34	Myocardial perfusion imaging: Contrast echocardiography today and tomorrow. <i>Journal of the American College of Cardiology</i> , 1986, 8, 251-253.	2.8	39
35	Contrast-Enhanced Ultrasound to Assess Carotid Intraplaque Neovascularization. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 466-478.	1.5	36
36	Relationship of Traditional and Nontraditional Cardiovascular Risk Factors to Coronary Artery Calcium in Type 2 Diabetes. <i>Diabetes</i> , 2007, 56, 849-855.	0.6	32

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37	The Relationship Between Immediate Outcome After Cardiac Surgery, Homogeneous Cardioplegia Delivery, and Ejection Fraction. <i>Chest</i> , 1994, 106, 38-45.	0.8	31
38	Echocardiographic contrast agents: Effect of microbubbles and carrier solutions on left ventricular contractility. <i>Journal of the American College of Cardiology</i> , 1987, 9, 910-919.	2.8	30
39	Myocardial risk area and peak gray level measurement by contrast echocardiography: Effect of microbubble size and concentration, injection rate, and coronary vasodilation. <i>American Heart Journal</i> , 1988, 115, 733-739.	2.7	27
40	Effect of intracoronary injections of sonicated microbubbles on left ventricular contractility. <i>American Journal of Cardiology</i> , 1987, 60, 166-171.	1.6	26
41	Sonicated Echocardiographic Contrast Agents: Reproducibility Studies. <i>Journal of the American Society of Echocardiography</i> , 1989, 2, 125-131.	2.8	25
42	The Influence of Intravenous Albunex Injections on Pulmonary Arterial Pressure, Gas Exchange, and Left Ventricular Peak Intensity. <i>Journal of the American Society of Echocardiography</i> , 1992, 5, 463-470.	2.8	25
43	The Use of Contrast-enhanced Ultrasonography for Imaging of Carotid Atherosclerotic Plaques. <i>Neuroimaging Clinics of North America</i> , 2016, 26, 81-96.	1.0	24
44	Introduction: 4th Guidelines and Good Clinical Practice Recommendations for Contrast Enhanced Ultrasound (CEUS) in the Liver Update 2020 WFUMB in Cooperation with EFSUMB, AFSUMB, AIUM and FLAUS. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 3483-3484.	1.5	21
45	Reduced forward output states affect the left ventricular opacification of intravenously administered albunex. <i>Journal of the American Society of Echocardiography</i> , 1997, 10, 25-30.	2.8	20
46	Predictors of anterior and posterior wall carotid intima media thickness progression in men and women at moderate risk of coronary heart disease. <i>Journal of Clinical Lipidology</i> , 2011, 5, 141-151.	1.5	18
47	Drug and Gene Delivery using Sonoporation for Cardiovascular Disease. <i>Advances in Experimental Medicine and Biology</i> , 2016, 880, 331-338.	1.6	18
48	Safety and Feasibility of Renal Blood Flow Determination During Kidney Transplant Surgery with Perfusion Ultrasonography. <i>Anesthesia and Analgesia</i> , 1995, 80, 353-359.	2.2	12
49	The Evolution of Contrast Ultrasound. <i>Journal of the American College of Cardiology</i> , 2016, 67, 2516-2518.	2.8	12
50	Therapeutic ultrasound: Increased HDL-Cholesterol following infusions of acoustic microspheres and apolipoprotein A-I plasmids. <i>Atherosclerosis</i> , 2015, 241, 92-99.	0.8	11
51	New Developments in Ultrasonic Contrast Techniques: Transpulmonary Passage of Contrast Agents and Diagnostic Implications. <i>Echocardiography</i> , 1989, 6, 27-33.	0.9	10
52	Optimizing Albunex in the left ventricle: An analysis of the technical parameters of four ultrasound systems in canines and humans. <i>Journal of the American Society of Echocardiography</i> , 1996, 9, 787-794.	2.8	10
53	New Advances in Noninvasive Imaging of the Carotid Artery: CIMT, Contrast-Enhanced Ultrasound, and Vasa Vasorum. <i>Current Cardiology Reports</i> , 2010, 12, 497-502.	2.9	10
54	Detection Of Adventitial Vasa Vasorum And Intraplaque Neovascularization In Carotid Atherosclerotic Lesions With Contrast-Enhanced Ultrasound And Their Role In Atherosclerosis. <i>Methodist DeBakey Cardiovascular Journal</i> , 2011, 7, 37-40.	1.0	8

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55	Pediatric contrast-enhanced ultrasound: shedding light on the pursuit of approval in the United States. <i>Pediatric Radiology</i> , 2021, 51, 2128-2138.	2.0	8
56	Assessment of Myocardial Perfusion Using Contrast Echocardiography. <i>Echocardiography</i> , 1989, 6, 17-25.	0.9	6
57	Contrast echocardiography displays increased subendocardial perfusion after nitroglycerin administration. <i>Journal of the American Society of Echocardiography</i> , 1997, 10, 210-214.	2.8	6
58	Use of ultrasound enhancing agents in transesophageal echocardiography to improve interpretive confidence of left atrial appendage thrombus. <i>Echocardiography</i> , 2019, 36, 362-369.	0.9	6
59	Quantitative Radiofrequency Analysis of Sonicated Echo Contrast Agents. <i>Developments in Cardiovascular Medicine</i> , 1987, , 13-27.	0.1	6
60	Contrast-enhanced ultrasound in pediatric echocardiography. <i>Pediatric Radiology</i> , 2021, 51, 2408-2417.	2.0	5
61	Diabetes Mellitus and Noninvasive Imaging of Atherosclerosis. <i>American Journal of Cardiology</i> , 2007, 99, 89-95.	1.6	4
62	In-hospital statin underutilization among high-risk patients: delayed uptake of the 2013 cholesterol guidelines in a U.S. cohort. <i>Hospital Practice (1995)</i> , 2017, 45, 16-20.	1.0	2
63	Transient Ischemic Attack Caused by Contrast Echocardiography in a Patient with Platypnea-Orthodeoxia. <i>Echocardiography</i> , 2016, 33, 165-166.	0.9	1
64	Usefulness of echo enhancement in stress echocardiography (USA experience). , 1997, , 361-369.		1
65	Safety and Feasibility of Renal Blood Flow Determination During Kidney Transplant Surgery with Perfusion Ultrasonography. <i>Anesthesia and Analgesia</i> , 1995, 80, 353-359.	2.2	0
66	Contrast echocardiography: An introduction. <i>Clinical Cardiology</i> , 1991, 14, V-1-V-3.	1.8	0
67	More on advances in imaging angiogenesis and inflammation in atherosclerosis. <i>Thrombosis and Haemostasis</i> , 2011, 105, 920-921.	3.4	0
68	Computer Techniques in Contrast Echocardiography. <i>Developments in Cardiovascular Medicine</i> , 1987, , 29-38.	0.1	0
69	Developments in Echo Contrast Agents. <i>Developments in Cardiovascular Medicine</i> , 1987, , 3-12.	0.1	0
70	Presence of A Left Atrial Appendage Thrombus After Successful Surgical Closure of the Left Atrial Appendage: A Case Report. <i>Journal of Atrial Fibrillation</i> , 2013, 6, 954.	0.5	0