

Jonathan R Lindner

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8428096/publications.pdf>

Version: 2024-02-01

156
papers

10,920
citations

28274

55
h-index

30922

102
g-index

159
all docs

159
docs citations

159
times ranked

7488
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbubbles in medical imaging: current applications and future directions. <i>Nature Reviews Drug Discovery</i> , 2004, 3, 527-533.	46.4	750
2	Imaging Tumor Angiogenesis With Contrast Ultrasound and Microbubbles Targeted to $\alpha_3\beta_1$. <i>Circulation</i> , 2003, 108, 336-341.	1.6	458
3	Ultrasound Assessment of Inflammation and Renal Tissue Injury With Microbubbles Targeted to P-Selectin. <i>Circulation</i> , 2001, 104, 2107-2112.	1.6	427
4	Microvascular Recruitment Is an Early Insulin Effect That Regulates Skeletal Muscle Glucose Uptake In Vivo. <i>Diabetes</i> , 2004, 53, 1418-1423.	0.6	367
5	Molecular Imaging of Inflammation in Atherosclerosis With Targeted Ultrasound Detection of Vascular Cell Adhesion Molecule-1. <i>Circulation</i> , 2007, 116, 276-284.	1.6	362
6	Noninvasive Assessment of Angiogenesis by Ultrasound and Microbubbles Targeted to $\alpha_5\beta_1$ -Integrins. <i>Circulation</i> , 2003, 107, 455-460.	1.6	355
7	Noninvasive Ultrasound Imaging of Inflammation Using Microbubbles Targeted to Activated Leukocytes. <i>Circulation</i> , 2000, 102, 2745-2750.	1.6	292
8	Interactions Between Microbubbles and Ultrasound: In Vitro and In Vivo Observations. <i>Journal of the American College of Cardiology</i> , 1997, 29, 1081-1088.	2.8	287
9	Clinical Applications of Ultrasonic Enhancing Agents in Echocardiography: 2018 American Society of Echocardiography Guidelines Update. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 241-274.	2.8	282
10	Obesity Blunts Insulin-Mediated Microvascular Recruitment in Human Forearm Muscle. <i>Diabetes</i> , 2006, 55, 1436-1442.	0.6	262
11	Microvascular rheology of Definity microbubbles after intra-arterial and intravenous administration. <i>Journal of the American Society of Echocardiography</i> , 2002, 15, 396-403.	2.8	245
12	Noninvasive Imaging of Inflammation by Ultrasound Detection of Phagocytosed Microbubbles. <i>Circulation</i> , 2000, 102, 531-538.	1.6	231
13	Microbubble Persistence in the Microcirculation During Ischemia/Reperfusion and Inflammation Is Caused by Integrin- and Complement-Mediated Adherence to Activated Leukocytes. <i>Circulation</i> , 2000, 101, 668-675.	1.6	230
14	Binding and detachment dynamics of microbubbles targeted to P-selectin under controlled shear flow. <i>Journal of Controlled Release</i> , 2004, 96, 473-482.	9.9	212
15	Targeted-Microbubble Binding Selectively to GPIIb IIIa Receptors of Platelet Thrombi. <i>Investigative Radiology</i> , 2002, 37, 587-593.	6.2	202
16	Molecular imaging with targeted contrast ultrasound. <i>Current Opinion in Biotechnology</i> , 2007, 18, 11-16.	6.6	191
17	Assessment of Endogenous and Therapeutic Arteriogenesis by Contrast Ultrasound Molecular Imaging of Integrin Expression. <i>Circulation</i> , 2005, 111, 3248-3254.	1.6	180
18	Molecular Imaging of the Initial Inflammatory Response in Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 54-59.	2.4	165

#	ARTICLE	IF	CITATIONS
19	Noninvasive Imaging of Myocardial Reperfusion Injury Using Leukocyte-Targeted Contrast Echocardiography. <i>Circulation</i> , 2002, 105, 1764-1767.	1.6	163
20	Cardiovascular drug delivery with ultrasound and microbubbles. <i>Advanced Drug Delivery Reviews</i> , 2014, 72, 110-126.	13.7	162
21	Vascular recruitment in skeletal muscle during exercise and hyperinsulinemia assessed by contrast ultrasound. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002, 282, E714-E720.	3.5	136
22	Detection of recent myocardial ischaemia by molecular imaging of P-selectin with targeted contrast echocardiography. <i>European Heart Journal</i> , 2007, 28, 2011-2017.	2.2	135
23	Optical and Acoustical Dynamics of Microbubble Contrast Agents inside Neutrophils. <i>Biophysical Journal</i> , 2001, 80, 1547-1556.	0.5	133
24	Multimodality Cardiovascular Molecular Imaging, Part II. <i>Circulation: Cardiovascular Imaging</i> , 2009, 2, 56-70.	2.6	130
25	Molecular imaging with contrast ultrasound and targeted microbubbles. <i>Journal of Nuclear Cardiology</i> , 2004, 11, 215-221.	2.1	124
26	Noninvasive Prediction of Ultimate Infarct Size at the Time of Acute Coronary Occlusion Based on the Extent and Magnitude of Collateral-Derived Myocardial Blood Flow. <i>Circulation</i> , 2001, 104, 2471-2477.	1.6	122
27	Influence of microbubble surface charge on capillary transit and myocardial contrast enhancement. <i>Journal of the American College of Cardiology</i> , 2002, 40, 811-819.	2.8	121
28	Contrast Echocardiography. <i>Current Problems in Cardiology</i> , 2007, 32, 51-96.	2.4	115
29	Molecular Imaging of Endothelial Vascular Cell Adhesion Molecule-1 Expression and Inflammatory Cell Recruitment During Vasculogenesis and Ischemia-Mediated Arteriogenesis. <i>Circulation</i> , 2008, 117, 2902-2911.	1.6	113
30	Abnormal Skeletal Muscle Capillary Recruitment During Exercise in Patients With Type 2 Diabetes Mellitus and Microvascular Complications. <i>Journal of the American College of Cardiology</i> , 2009, 53, 2175-2183.	2.8	111
31	Diagnostic Value of Echocardiography in Suspected Endocarditis. <i>Circulation</i> , 1996, 93, 730-736.	1.6	110
32	Microultrasound Molecular Imaging of Vascular Endothelial Growth Factor Receptor 2 in a Mouse Model of Tumor Angiogenesis. <i>Molecular Imaging</i> , 2007, 6, 7290.2007.00024.	1.4	105
33	Limb Stress-Rest Perfusion Imaging With Contrast Ultrasound for the Assessment of Peripheral Arterial Disease Severity. <i>JACC: Cardiovascular Imaging</i> , 2008, 1, 343-350.	5.3	103
34	Molecular imaging of cardiovascular disease with contrast-enhanced ultrasonography. <i>Nature Reviews Cardiology</i> , 2009, 6, 475-481.	13.7	103
35	Detection of myocardial viability by contrast echocardiography in acute infarction predicts recovery of resting function and contractile reserve. <i>Journal of the American College of Cardiology</i> , 2003, 41, 827-833.	2.8	101
36	Targeting Mucosal Addressin Cellular Adhesion Molecule (MAdCAM)-1 to Noninvasively Image Experimental Crohn's Disease. <i>Gastroenterology</i> , 2006, 130, 8-16.	1.3	101

#	ARTICLE	IF	CITATIONS
37	Albumin Microbubble Persistence During Myocardial Contrast Echocardiography Is Associated With Microvascular Endothelial Glycocalyx Damage. <i>Circulation</i> , 1998, 98, 2187-2194.	1.6	89
38	Decrease in Coronary Blood Flow Reserve During Hyperlipidemia Is Secondary to an Increase in Blood Viscosity. <i>Circulation</i> , 2001, 104, 2704-2709.	1.6	88
39	Evolving applications for contrast ultrasound. <i>American Journal of Cardiology</i> , 2002, 90, 72-80.	1.6	87
40	Perfusion Assessment in Critical Limb Ischemia: Principles for Understanding and the Development of Evidence and Evaluation of Devices: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2019, 140, e657-e672.	1.6	85
41	Augmentation of Muscle Blood Flow by Ultrasound Cavitation Is Mediated by ATP and Purinergic Signaling. <i>Circulation</i> , 2017, 135, 1240-1252.	1.6	82
42	Requisite Role of Kv1.5 Channels in Coronary Metabolic Dilation. <i>Circulation Research</i> , 2015, 117, 612-621.	4.5	78
43	Molecular Imaging of Inflammation and Platelet Adhesion in Advanced Atherosclerosis Effects of Antioxidant Therapy With NADPH Oxidase Inhibition. <i>Circulation: Cardiovascular Imaging</i> , 2013, 6, 74-82.	2.6	77
44	Vascular Gene Transfer of SDF-1 Promotes Endothelial Progenitor Cell Engraftment and Enhances Angiogenesis in Ischemic Muscle. <i>Molecular Therapy</i> , 2011, 19, 895-902.	8.2	76
45	Skeletal muscle capillary responses to insulin are abnormal in late-stage diabetes and are restored by angiotensin-converting enzyme inhibition. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E1804-E1809.	3.5	75
46	Platelets and von Willebrand factor in atherogenesis. <i>Blood</i> , 2017, 129, 1415-1419.	1.4	75
47	Augmentation of Limb Perfusion and Reversal of Tissue Ischemia Produced by Ultrasound-Mediated Microbubble Cavitation. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, .	2.6	74
48	Influence of microbubble shell properties on ultrasound signal: Implications for low-power perfusion imaging. <i>Journal of the American Society of Echocardiography</i> , 2002, 15, 1269-1276.	2.8	68
49	Contrast ultrasound molecular imaging of inflammation in cardiovascular disease. <i>Cardiovascular Research</i> , 2009, 84, 182-189.	3.8	67
50	Proinflammatory Endothelial Activation Detected by Molecular Imaging in Obese Nonhuman Primates Coincides With Onset of Insulin Resistance and Progressively Increases With Duration of Insulin Resistance. <i>Circulation</i> , 2014, 129, 471-478.	1.6	67
51	Delivery of Drugs with Ultrasound. <i>Echocardiography</i> , 2001, 18, 329-337.	0.9	65
52	Thrombotic microangiopathy as a cause of cardiovascular toxicity from the BCR-ABL1 tyrosine kinase inhibitor ponatinib. <i>Blood</i> , 2019, 133, 1597-1606.	1.4	65
53	Ultrasound-Mediated Vascular Gene Transfection by Cavitation of Endothelial-Targeted Cationic Microbubbles. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, 1253-1262.	5.3	64
54	Molecular Imaging of the Paracrine Proangiogenic Effects of Progenitor Cell Therapy in Limb Ischemia. <i>Circulation</i> , 2013, 127, 710-719.	1.6	60

#	ARTICLE	IF	CITATIONS
55	Amelioration of Metabolic Syndrome-Associated Cognitive Impairments in Mice via a Reduction in Dietary Fat Content or Infusion of Non-Diabetic Plasma. <i>EBioMedicine</i> , 2016, 3, 26-42.	6.1	59
56	Detection of Antecedent Myocardial Ischemia With Multiselectin Molecular Imaging. <i>Journal of the American College of Cardiology</i> , 2012, 60, 1690-1697.	2.8	56
57	Myocardial and microcirculatory kinetics of BR14, a novel third-generation intravenous ultrasound contrast agent. <i>Journal of the American College of Cardiology</i> , 2002, 39, 530-537.	2.8	54
58	Detection of peripheral vascular stenosis by assessing skeletal muscle flow reserve. <i>Journal of the American College of Cardiology</i> , 2005, 45, 780-785.	2.8	53
59	Molecular Imaging of Platelet-Endothelial Interactions and Endothelial von Willebrand Factor in Early and Mid-Stage Atherosclerosis. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, e002765.	2.6	53
60	Molecular Imaging of Activated von Willebrand Factor to Detect High-Risk Atherosclerotic Phenotype. <i>JACC: Cardiovascular Imaging</i> , 2010, 3, 947-955.	5.3	52
61	Quantitative assessment of placental perfusion by contrast-enhanced ultrasound in macaques and human subjects. <i>American Journal of Obstetrics and Gynecology</i> , 2016, 214, 369.e1-369.e8.	1.3	51
62	Comparison of Gene Delivery Techniques for Therapeutic Angiogenesis. <i>Journal of the American College of Cardiology</i> , 2009, 54, 1735-1742.	2.8	50
63	Effect of Microbubble Ligation to Cells on Ultrasound Signal Enhancement. <i>Investigative Radiology</i> , 2006, 41, 721-728.	6.2	49
64	Cardiovascular and Systemic Microvascular Effects of Anti-Vascular Endothelial Growth Factor Therapy for Cancer. <i>Journal of the American College of Cardiology</i> , 2012, 60, 618-625.	2.8	48
65	Detection of inflamed plaques with contrast ultrasound. <i>American Journal of Cardiology</i> , 2002, 90, L32-L35.	1.6	46
66	Approaches to Multimodality Imaging of Angiogenesis. <i>Journal of Nuclear Medicine</i> , 2010, 51, 66S-79S.	5.0	42
67	Tyrosine Kinase Inhibitors in Leukemia and Cardiovascular Events. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 301-308.	2.4	42
68	Dysregulated Selectin Expression and Monocyte Recruitment During Ischemia-Related Vascular Remodeling in Diabetes Mellitus. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2526-2533.	2.4	40
69	Molecular imaging of disease with targeted contrast ultrasound imaging. <i>Translational Research</i> , 2012, 159, 140-148.	5.0	38
70	Myocardial Infarction Produces Sustained Proinflammatory Endothelial Activation in Remote Arteries. <i>Journal of the American College of Cardiology</i> , 2018, 72, 1015-1026.	2.8	38
71	Cellular and molecular imaging with targeted contrast ultrasound. <i>Ultrasound Quarterly</i> , 2006, 22, 67-72.	0.8	37
72	Contrast echocardiography. <i>Current Problems in Cardiology</i> , 2002, 27, 454-519.	2.4	34

#	ARTICLE	IF	CITATIONS
73	Ischemic Memory Imaging in Nonhuman Primates with Echocardiographic Molecular Imaging of Selectin Expression. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 786-793.e2.	2.8	31
74	Ultrasound Molecular Imaging of Atherosclerosis Using Small-Peptide Targeting Ligands Against Endothelial Markers of Inflammation and Oxidative Stress. <i>Ultrasound in Medicine and Biology</i> , 2018, 44, 1155-1163.	1.5	31
75	Seeing the Invisible—Ultrasound Molecular Imaging. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 479-497.	1.5	31
76	Contrast echocardiography: current status and future directions. <i>Heart</i> , 2021, 107, 18-24.	2.9	29
77	Molecular Imaging of Myocardial and Vascular Disorders With Ultrasound. <i>JACC: Cardiovascular Imaging</i> , 2010, 3, 204-211.	5.3	28
78	High-resolution Myocardial Perfusion Imaging in Mice with High-frequency Echocardiographic Detection of a Depot Contrast Agent. <i>Journal of the American Society of Echocardiography</i> , 2007, 20, 136-143.	2.8	27
79	Molecular Imaging in Drug Discovery and Development. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e005355.	2.6	27
80	Contrast-enhanced ultrasound reveals real-time spatial changes in vascular perfusion during early implantation in the macaque uterus. <i>Fertility and Sterility</i> , 2011, 95, 1316-1321.e3.	1.0	25
81	Epoxyeicosatrienoic acids mediate insulin-mediated augmentation in skeletal muscle perfusion and blood volume. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 307, E1097-E1104.	3.5	25
82	Temporal Changes in Skeletal Muscle Capillary Responses and Endothelial-Derived Vasodilators in Obesity-Related Insulin Resistance. <i>Diabetes</i> , 2016, 65, 2249-2257.	0.6	25
83	Augmentation of Tissue Perfusion in Patients With Peripheral Artery Disease Using Microbubble Cavitation. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 641-651.	5.3	25
84	Expert Consensus Statement from the American Society of Echocardiography on Hypersensitivity Reactions to Ultrasound Enhancing Agents in Patients with Allergy to Polyethylene Glycol. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 707-708.	2.8	25
85	Contrast-Enhanced Ultrasound Assessment of Impaired Adipose Tissue and Muscle Perfusion in Insulin-Resistant Mice. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, .	2.6	24
86	Temporal Characterization of the Functional Density of the Vasa Vasorum by Contrast-Enhanced Ultrasonography Maximum Intensity Projection Imaging. <i>JACC: Cardiovascular Imaging</i> , 2010, 3, 1265-1272.	5.3	23
87	Echocardiographic Ischemic Memory Imaging Through Complement-Mediated Vascular Adhesion of Phosphatidylserine-Containing Microbubbles. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 937-946.	5.3	23
88	Coronary Microvascular Dysfunction by Myocardial Contrast Echocardiography in Nonelderly Patients Referred for Computed Tomographic Coronary Angiography. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 817-825.	2.8	23
89	Activity restriction, impaired capillary function, and the development of insulin resistance in lean primates. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 303, E607-E613.	3.5	22
90	Lipoprotein Apheresis Acutely Reverses Coronary Microvascular Dysfunction in Patients With Severe Hypercholesterolemia. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1430-1440.	5.3	22

#	ARTICLE	IF	CITATIONS
91	Assessment of Ischemia-Induced Microvascular Remodeling Using Contrast-Enhanced Ultrasound Vascular Anatomic Mapping. <i>Journal of the American Society of Echocardiography</i> , 2007, 20, 1100-1108.	2.8	20
92	Molecular imaging in cardiovascular disease: Which methods, which diseases?. <i>Journal of Nuclear Cardiology</i> , 2013, 20, 990-1001.	2.1	20
93	Real-Time Contrast Ultrasound Muscle Perfusion Imaging with Intermediate-Power Imaging Coupled with Acoustically Durable Microbubbles. <i>Journal of the American Society of Echocardiography</i> , 2015, 28, 718-726.e2.	2.8	20
94	Ultrasound Molecular Imaging: Principles and Applications in Cardiovascular Medicine. <i>Current Cardiology Reports</i> , 2019, 21, 30.	2.9	20
95	Acute Effect of Hookah Smoking on the Human Coronary Microcirculation. <i>American Journal of Cardiology</i> , 2016, 117, 1747-1754.	1.6	19
96	Flow Augmentation in the Myocardium by Ultrasound Cavitation of Microbubbles: Role of Shear-Mediated Purinergic Signaling. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 1023-1031.e2.	2.8	19
97	Skeletal and myocardial microvascular blood flow in hydroxycarbamide-treated patients with sickle cell disease. <i>British Journal of Haematology</i> , 2017, 179, 648-656.	2.5	18
98	Molecular Imaging of VWF (von Willebrand Factor) and Platelet Adhesion in Postischemic Impaired Microvascular Reflow. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e007913.	2.6	18
99	Approaches to Multimodality Imaging of Angiogenesis. <i>Journal of Nuclear Medicine</i> , 2010, 51, 66S-79S.	5.0	18
100	Quantification of residual limb skeletal muscle perfusion with contrast-enhanced ultrasound during application of a focal junctional tourniquet. <i>Journal of Vascular Surgery</i> , 2016, 63, 148-153.	1.1	17
101	Endothelial vascular cell adhesion molecule 1 is a marker for high-risk carotid plaques and target for ultrasound molecular imaging. <i>Journal of Vascular Surgery</i> , 2018, 68, 105S-113S.	1.1	17
102	Renal Retention of Lipid Microbubbles: A Potential Mechanism for Flank Discomfort During Ultrasound Contrast Administration. <i>Journal of the American Society of Echocardiography</i> , 2013, 26, 1474-1481.	2.8	16
103	Myocardial perfusion imaging with contrast echocardiography. <i>Current Cardiology Reports</i> , 2008, 10, 233-239.	2.9	15
104	Effect of Acoustic Power on In Vivo Molecular Imaging with Targeted Microbubbles: Implications for Low-Mechanical Index Real-Time Imaging. <i>Journal of the American Society of Echocardiography</i> , 2010, 23, 79-85.	2.8	15
105	Molecular Imaging of Thrombus. <i>Circulation</i> , 2012, 125, 3057-3059.	1.6	15
106	Influence of DNA-Microbubble Coupling on Contrast Ultrasound-Mediated Gene Transfection in Muscle and Liver. <i>Journal of the American Society of Echocardiography</i> , 2016, 29, 812-818.	2.8	15
107	Efficacy and spatial distribution of ultrasound-mediated clot lysis in the absence of thrombolytics. <i>Thrombosis and Haemostasis</i> , 2015, 113, 1357-1369.	3.4	14
108	Exercise versus vasodilator stress limb perfusion imaging for the assessment of peripheral artery disease. <i>Echocardiography</i> , 2017, 34, 1187-1194.	0.9	14

#	ARTICLE	IF	CITATIONS
109	Effect of Microbubble Exposure to Ultrasound on Quantitation of Myocardial Perfusion. <i>Echocardiography</i> , 2005, 22, 503-509.	0.9	13
110	Molecular Imaging of Vascular Phenotype in Cardiovascular Disease: New Diagnostic Opportunities on the Horizon. <i>Journal of the American Society of Echocardiography</i> , 2010, 23, 343-350.	2.8	13
111	Future applications of contrast echocardiography. <i>Heart</i> , 2012, 98, 246-253.	2.9	13
112	A Primer on the Methods and Applications for Contrast Echocardiography in Clinical Imaging. <i>Journal of Cardiovascular Imaging</i> , 2014, 22, 101.	0.8	12
113	Proteolysis of Von Willebrand Factor Influences Inflammatory Endothelial Activation and Vascular Compliance in Atherosclerosis. <i>JACC Basic To Translational Science</i> , 2020, 5, 1017-1028.	4.1	12
114	Arterial Platelet Adhesion in Atherosclerosisâ€Prone Arteries of Obese, Insulinâ€Resistant Nonhuman Primates. <i>Journal of the American Heart Association</i> , 2021, 10, e019413.	3.7	12
115	Insights into the assessment of myocardial perfusion offered by different cardiac imaging modalities*. <i>Journal of Nuclear Cardiology</i> , 1995, 2, 446-460.	2.1	11
116	Ultrasound molecular imaging: insights into cardiovascular pathology. <i>Journal of Echocardiography</i> , 2020, 18, 86-93.	0.8	10
117	Contrast Echocardiography: Clinical Utility for the Evaluation of Left Ventricular Systolic Function. <i>The American Heart Hospital Journal</i> , 2004, 2, 16-20.	0.2	9
118	Echocardiographic Evaluation of the Effects of Stem Cell Therapy on Perfusion and Function in Ischemic Cardiomyopathy. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 192-199.	2.8	9
119	Assessment of Novel Antioxidant Therapy in Atherosclerosis by Contrast Ultrasound Molecular Imaging. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 1252-1259.e1.	2.8	9
120	Limb Perfusion During Exercise Assessed by Contrast Ultrasound Varies According to Symptom Severity in Patients with Peripheral Artery Disease. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 1086-1094.e3.	2.8	9
121	Contrast-enhanced ultrasound detects changes in microvascular blood flow in adults with sickle cell disease. <i>PLoS ONE</i> , 2019, 14, e0218783.	2.5	9
122	Assessment of myocardial viability with two-dimensional echocardiography and magnetic resonance imaging. <i>Journal of Nuclear Cardiology</i> , 1996, 3, 167-182.	2.1	8
123	Automated Quantification of the Spatial Extent of Perfusion Defects and Viability on Myocardial Contrast Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2006, 19, 379-385.	2.8	8
124	Differential effects of nebivolol vs. metoprolol on microvascular function in hypertensive humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H118-H124.	3.2	8
125	Factors Affecting the Endothelial Retention of Targeted Microbubbles: Influence of Microbubble Shell Design and Cell Surface Projection of the Endothelial Target Molecule. <i>Journal of the American Society of Echocardiography</i> , 2012, 25, 460-466.	2.8	7
126	Functional adaptations of the coronary microcirculation to anaemia in fetal sheep. <i>Journal of Physiology</i> , 2016, 594, 6165-6174.	2.9	7

#	ARTICLE	IF	CITATIONS
127	Augmentation of Tissue Perfusion with Contrast Ultrasound: Influence of Three-Dimensional Beam Geometry and Conducted Vasodilation. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 887-895.	2.8	7
128	Echocardiographic Ischemic Memory Molecular Imaging for Point-of-Care Detection of Myocardial Ischemia. <i>Journal of the American College of Cardiology</i> , 2021, 78, 1990-2000.	2.8	7
129	Arterial Thrombotic Complications of Tyrosine Kinase Inhibitors. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 41, 3-10.	2.4	6
130	Ponatinib coronary microangiopathy: novel bedside diagnostic approach and management with N-acetylcysteine. <i>Blood Advances</i> , 2020, 4, 4083-4085.	5.2	6
131	Echocardiographic Molecular Imaging of the Effect of Anticytokine Therapy for Atherosclerosis. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 433-442.e3.	2.8	6
132	Cardiovascular Molecular Imaging with Contrast Ultrasound: Principles and Applications. <i>Korean Circulation Journal</i> , 2014, 44, 1.	1.9	5
133	Abnormal Regulation of Microvascular Tone in a Murine Model of Sickle Cell Disease Assessed by Contrast Ultrasound. <i>Journal of the American Society of Echocardiography</i> , 2015, 28, 1122-1128.	2.8	5
134	Rest-Stress Limb Perfusion Imaging in Humans with Contrast Ultrasound Using Intermediate-Power Imaging and Microbubbles Resistant to Inertial Cavitation. <i>Journal of the American Society of Echocardiography</i> , 2017, 30, 503-510.e1.	2.8	5
135	E-Cigarette Use and Subclinical Cardiac Effects. <i>Circulation Research</i> , 2020, 127, 1566-1567.	4.5	5
136	Plasma Lipidomic Patterns in Patients with Symptomatic Coronary Microvascular Dysfunction. <i>Metabolites</i> , 2021, 11, 648.	2.9	5
137	Ibrutinib Inhibits BMX-Dependent Endothelial VCAM-1 Expression In Vitro and Pro-Atherosclerotic Endothelial Activation and Platelet Adhesion In Vivo. <i>Cellular and Molecular Bioengineering</i> , 2022, 15, 231-243.	2.1	5
138	Ultrasound imaging of atherosclerotic plaques. <i>Current Cardiovascular Imaging Reports</i> , 2009, 2, 24-32.	0.6	4
139	Therapeutic Contrast Echocardiography. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2843-2845.	2.8	4
140	Microvascular Impairment After Myocardial Infarction. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e011083.	2.6	4
141	Regional and Conducted Vascular Effects of Endovascular Ultrasound Catheters. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 2361-2369.	1.5	4
142	Hypersensitivity Cross-Reactivity for Ultrasound-Enhancing Agents and COVID-19 Vaccines. <i>Journal of the American Society of Echocardiography</i> , 2022, 35, 523-525.	2.8	4
143	Reduced Proteolytic Cleavage of von Willebrand Factor Leads to Aortic Valve Stenosis and Load-Dependent Ventricular Remodeling. <i>JACC Basic To Translational Science</i> , 2022, 7, 642-655.	4.1	3
144	Phase-Conversion Nanoparticle Contrast Agents. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, .	2.6	2

#	ARTICLE	IF	CITATIONS
145	Btk inhibitors in atherosclerosis. <i>Blood</i> , 2018, 131, 2601-2602.	1.4	2
146	Principles of Contrast Echocardiography. , 2019, , 27-33.e2.		2
147	Treatment of Limb Ischemia with Conducted Effects of Catheter-Based Endovascular Ultrasound. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 2277-2285.	1.5	2
148	Abstract O44: Platelet-Endothelial Interactions in Atherosclerosis-Prone Arteries in a Non-Human Primate Model of Obesity and Insulin Resistance. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, .	2.4	1
149	Contrast-Enhanced Ultrasound to Detect Early Microvascular Changes in Skeletal Muscle after High-Dose Radiation Treatment. <i>Radiation Research</i> , 2019, 193, 155.	1.5	1
150	The Fast and the Curious. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 809-812.	5.3	0
151	Phase-Conversion Nanodroplets: Good Things Coming in Small Packages. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 910-912.	2.8	0
152	Contrast-Enhanced Ultrasound Perfusion Imaging in Peripheral Arterial Disease. , 2020, , 147-164.		0
153	Limb Perfusion Imaging in Peripheral Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2020, 14, 1625-1627.	5.3	0
154	Contrast-Enhanced Molecular in Research. <i>Methods in Molecular Biology</i> , 2022, 2419, 801-808.	0.9	0
155	Contrast Ultrasound Assessment of Skeletal Muscle Recrutable Perfusion after Permanent Left Ventricular Assist Device Implantation: Implications for Functional Recovery. <i>Journal of the American Society of Echocardiography</i> , 2021, , .	2.8	0
156	Why Work?. <i>Circulation: Cardiovascular Imaging</i> , 2022, , 101161CIRCIMAGING122014301.	2.6	0