

Vincent B Ho

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

4,118
citations

218381

26
h-index

114278

63
g-index

67
all docs

67
docs citations

67
times ranked

4438
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of strategies for development of tissue engineered meniscal implants. <i>Biomaterials and Biosystems</i> , 2021, 4, 100026.	1.0	12
2	Peripheral nerve stimulation limits of a high amplitude and slew rate magnetic field gradient coil for neuroimaging. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 352-366.	1.9	26
3	Highly efficient head-only magnetic field insert gradient coil for achieving simultaneous high gradient amplitude and slew rate at 3.0T (MAGNUS) for brain microstructure imaging. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 2356-2369.	1.9	63
4	3D Bioprinting and Its Application to Military Medicine. <i>Military Medicine</i> , 2020, 185, e1510-e1519.	0.4	6
5	Oscillating diffusion-encoding with a high gradient-amplitude and high slew-rate head-only gradient for human brain imaging. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 950-965.	1.9	22
6	Using 3D Printing (Additive Manufacturing) to Produce Low-Cost Simulation Models for Medical Training. <i>Military Medicine</i> , 2018, 183, 73-77.	0.4	36
7	Cardiac Imaging Modalities and Appropriate Use. <i>Primary Care - Clinics in Office Practice</i> , 2018, 45, 155-168.	0.7	7
8	ACR Appropriateness Criteria® Chronic Chest Pain—High Probability of Coronary Artery Disease. <i>Journal of the American College of Radiology</i> , 2017, 14, S71-S80.	0.9	11
9	ACR Appropriateness Criteria® Known or Suspected Congenital Heart Disease in the Adult. <i>Journal of the American College of Radiology</i> , 2017, 14, S166-S176.	0.9	7
10	Using computed tomography and 3D printing to construct custom prosthetics attachments and devices. <i>3D Printing in Medicine</i> , 2017, 3, 8.	1.7	17
11	Medical 3D Printing for the Radiologist. <i>Radiographics</i> , 2015, 35, 1965-1988.	1.4	479
12	ACR Appropriateness Criteria Acute Nonspecific Chest Pain—Low Probability of Coronary Artery Disease. <i>Journal of the American College of Radiology</i> , 2015, 12, 1266-1271.	0.9	17
13	Multiacquisition T1-Mapping MRI During Tidal Respiration for Quantification of Myocardial T1 in Swine With Heart Failure. <i>American Journal of Roentgenology</i> , 2013, 201, W563-W570.	1.0	1
14	Flexible cardiac T_1 mapping using a modified look-locker acquisition with saturation recovery. <i>Magnetic Resonance in Medicine</i> , 2012, 67, 622-627.	1.9	32
15	ACR Appropriateness Criteria® on Suspected Lower Extremity Deep Vein Thrombosis. <i>Journal of the American College of Radiology</i> , 2011, 8, 383-387.	0.9	28
16	ACCF/ACR/AHA/NASCI/SCMR 2010 Expert Consensus Document on Cardiovascular Magnetic Resonance. <i>Circulation</i> , 2010, 121, 2462-2508.	1.6	480
17	ACCF/ACR/AHA/NASCI/SCMR 2010 Expert Consensus Document on Cardiovascular Magnetic Resonance. <i>Journal of the American College of Cardiology</i> , 2010, 55, 2614-2662.	1.2	559
18	Radiologic evaluation of suspected congenital heart disease in adults. <i>American Family Physician</i> , 2009, 80, 597-602.	0.1	3

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19	Aortic Valve Disease in Turner Syndrome. Journal of the American College of Cardiology, 2008, 51, 1904-1909.	1.2	148
20	ACR Appropriateness Criteria® on Suspected Congenital Heart Disease in Adults. Journal of the American College of Radiology, 2008, 5, 97-104.	0.9	14
21	ACR Appropriateness Criteria® on Recurrent Symptoms Following Lower-Extremity Angioplasty. Journal of the American College of Radiology, 2008, 5, 1176-1180.	0.9	9
22	Coronary Artery Anomalies and Variants: Technical Feasibility of Assessment with Coronary MR Angiography at 3 T. Radiology, 2008, 247, 220-227.	3.6	66
23	Aortic Dilatation and Dissection in Turner Syndrome. Circulation, 2007, 116, 1663-1670.	1.6	328
24	Prolongation of the Cardiac QTc Interval in Turner Syndrome. Medicine (United States), 2006, 85, 75-81.	0.4	48
25	Impact of "Cine MR Imaging: Potential for the Evaluation of Cardiovascular Function". American Journal of Roentgenology, 2006, 187, 605-608.	1.0	4
26	Contrast-Enhanced MR Angiography: Theory and Technical Optimization. , 2005, , 23-42.		1
27	Association Between Fetal Lymphedema and Congenital Cardiovascular Defects in Turner Syndrome. Pediatrics, 2005, 115, 732-735.	1.0	117
28	Feasibility of Integrating High-Spatial-Resolution 3D Breath-hold Coronary MR Angiography with Myocardial Perfusion and Viability Examinations. Radiology, 2005, 235, 1025-1030.	3.6	26
29	MR Angiography of the Thoracic Aorta. Magnetic Resonance Imaging Clinics of North America, 2005, 13, 41-64.	0.6	13
30	Contrast Agents: Innovations and Potential Applications for Body MR Angiography. Magnetic Resonance Imaging Clinics of North America, 2005, 13, 189-203.	0.6	2
31	MR Angiography of the Abdominal Aorta. Magnetic Resonance Imaging Clinics of North America, 2005, 13, 65-89.	0.6	9
32	Estimation of the differential pressure at renal artery stenoses. Magnetic Resonance in Medicine, 2004, 51, 969-977.	1.9	40
33	Major Vascular Anomalies in Turner Syndrome. Circulation, 2004, 110, 1694-1700.	1.6	312
34	MR evaluation of solid renal masses. Magnetic Resonance Imaging Clinics of North America, 2004, 12, 413-427.	0.6	17
35	Magnetic resonance angiography of the thoracic vessels. Magnetic Resonance Imaging Clinics of North America, 2004, 12, 727-747.	0.6	2
36	Multicenter phase-II trial of safety and efficacy of NC100150 for steady-state contrast-enhanced peripheral magnetic resonance angiography. European Radiology, 2003, 13, 1620-1627.	2.3	17

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37	MR angiography of the abdominal aorta and peripheral vessels. Radiologic Clinics of North America, 2003, 41, 115-144.	0.9	38
38	Isosurfaces as deformable models for magnetic resonance angiography. IEEE Transactions on Medical Imaging, 2003, 22, 875-881.	5.4	47
39	MRA of the thoracic vessels. Seminars in Ultrasound, CT and MRI, 2003, 24, 192-216.	0.7	22
40	Renal Masses: Quantitative Assessment of Enhancement with Dynamic MR Imaging. Radiology, 2002, 224, 695-700.	3.6	203
41	Three-Dimensional Phase-Contrast Magnetic Resonance Angiography: A Useful Clinical Adjunct to Gadolinium-Enhanced Three-Dimensional Renal Magnetic Resonance Angiography?. Military Medicine, 2002, 167, 343-349.	0.4	18
42	Three-Dimensional Phase-Contrast Magnetic Resonance Angiography: A Useful Clinical Adjunct to Gadolinium-Enhanced Three-Dimensional Renal Magnetic Resonance Angiography?. Military Medicine, 2002, 167, 343-349.	0.4	6
43	Cardiac MRI: Recent progress and continued challenges. Journal of Magnetic Resonance Imaging, 2002, 16, 111-127.	1.9	100
44	MR angiography using steady-state free precession. Magnetic Resonance in Medicine, 2002, 48, 699-706.	1.9	42
45	High-resolution gadolinium-enhanced 3D MRA of the infrapopliteal arteries. Magnetic Resonance Imaging, 2002, 20, 543-549.	1.0	26
46	Contrast-Enhanced Magnetic Resonance Angiography: Technical Considerations for Optimized Clinical Implementation. Topics in Magnetic Resonance Imaging, 2001, 12, 283-299.	0.7	19
47	Gadolinium-enhanced, vessel-tracking, two-dimensional coronary MR angiography: Single-dose arterial-phase vs. delayed-phase imaging. Journal of Magnetic Resonance Imaging, 2001, 13, 682-689.	1.9	8
48	Preferential arterial imaging using gated thick-slice gadolinium-enhanced phase-contrast acquisition in peripheral MRA. Journal of Magnetic Resonance Imaging, 2001, 13, 714-721.	1.9	5
49	Adaptive vessel tracking: Automated computation of vessel trajectories for improved efficiency in 2D coronary MR angiography. Journal of Magnetic Resonance Imaging, 2001, 14, 368-373.	1.9	15
50	High-Spatial-Resolution Multistation MR Imaging of Lower-Extremity Peripheral Vasculature with Segmented Volume Acquisition: Feasibility Study. Radiology, 2001, 219, 835-841.	3.6	50
51	Coronary Artery Magnetic Resonance Imaging: A Patient-Tailored Approach. Topics in Magnetic Resonance Imaging, 2000, 11, 406-416.	0.7	9
52	Bolus-chase peripheral 3D MRA using a dual-rate contrast media injection. Journal of Magnetic Resonance Imaging, 2000, 12, 769-775.	1.9	19
53	Vessel Tracking: Prospective Adjustment of Section-selective MR Angiographic Locations for Improved Coronary Artery Visualization over the Cardiac Cycle. Radiology, 2000, 214, 283-289.	3.6	21
54	Chemical Shift: The Artifact and Clinical Tool Revisited. Radiographics, 1999, 19, 357-371.	1.4	160

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55	MR of the Thoracic Aorta: A Pulse Sequence Approach to Discrete Feature Analysis. <i>Critical Reviews in Diagnostic Imaging</i> , 1999, 40, 23-61.	0.1	4
56	Automated bolus chase peripheral MR angiography: Initial practical experiences and future directions of this work-in-progress. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 10, 376-388.	1.9	103
57	Gadolinium-enhanced 3D magnetic resonance angiography of the thoracic vessels. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 10, 758-770.	1.9	61
58	Magnetic resonance imaging of the aorta and branch vessels. <i>Coronary Artery Disease</i> , 1999, 10, 141-150.	0.3	8
59	Automated bolus chase peripheral MR angiography: Initial practical experiences and future directions of this work-in-progress. , 1999, 10, 376.		2
60	MR venography as a diagnostic tool in the assessment of recurrent varicocele in an adolescent. <i>Pediatric Radiology</i> , 1998, 28, 636-637.	1.1	12
61	Optimization of Gadolinium-Enhanced Magnetic Resonance Angiography Using an Automated Bolus-Detection Algorithm (MR SmartPrep)y. <i>Investigative Radiology</i> , 1998, 33, 515-523.	3.5	58
62	Preoperative Gadolinium-Enhanced Magnetic Resonance Pulmonary Venography in an Adolescent with Atrial Septal Defect. <i>Military Medicine</i> , 1997, 162, 640-642.	0.4	5
63	Mycotic aneurysm of the aorta: MRI and MRA features. <i>Journal of Magnetic Resonance Imaging</i> , 1997, 7, 312-315.	1.9	40
64	Ruptured Sinus of Valsalva Aneurysm. <i>Journal of Computer Assisted Tomography</i> , 1995, 19, 652-656.	0.5	22
65	Retroperitoneal melanotic schwannoma: Ultrasonographic features. <i>Journal of Clinical Ultrasound</i> , 1995, 23, 42-48.	0.4	10