

# Shumpei Mori

## List of Publications by Year in descending order

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94  
papers

1,146  
citations

471477

17  
h-index

501174

28  
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94  
all docs

94  
docs citations

94  
times ranked

866  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fibrous Skeleton of the Heart: Anatomic Overview and Evaluation of Pathologic Conditions with CT and MR Imaging. Radiographics, 2017, 37, 1330-1351.	3.3	57
2	Prevalence and extent of mitral annular disjunction in structurally normal hearts: comprehensive 3D analysis using cardiac computed tomography. European Heart Journal Cardiovascular Imaging, 2021, 22, 614-622.	1.2	55
3	Development and Morphology of the Ventricular Outflow Tracts. World Journal for Pediatric & Congenital Heart Surgery, 2016, 7, 561-577.	0.8	54
4	What is the real cardiac anatomy?. Clinical Anatomy, 2019, 32, 288-309.	2.7	54
5	Revisiting the Anatomy of the Living Heart. Circulation Journal, 2016, 80, 24-33.	1.6	53
6	Re-evaluation of the structure of the atrioventricular node and its connections with the atrium. Europace, 2020, 22, 821-830.	1.7	51
7	Anatomical predictors of conduction damage after transcatheter implantation of the aortic valve. Open Heart, 2019, 6, e000972.	2.3	50
8	The Significance of the Interleaflet Triangles in Determining the Morphology of Congenitally Abnormal Aortic Valves: Implications for Noninvasive Imaging and Surgical Management. Journal of the American Society of Echocardiography, 2016, 29, 1131-1143.	2.8	44
9	Variations in rotation of the aortic root and membranous septum with implications for transcatheter valve implantation. Heart, 2018, 104, 999-1005.	2.9	33
10	Relationship between the membranous septum and the virtual basal ring of the aortic root in candidates for transcatheter implantation of the aortic valve. Clinical Anatomy, 2018, 31, 525-534.	2.7	27
11	The lesion characteristics assessed by LGE MRI after the cryoballoon ablation and conventional radiofrequency ablation. Journal of Arrhythmia, 2018, 34, 158-166.	1.2	25
12	Unusual variants of pre-excitation: From anatomy to ablation: Part II—Understanding the anatomy of the variants of ventricular pre-excitation. Journal of Cardiovascular Electrophysiology, 2019, 30, 2170-2180.	1.7	25
13	Clinical Structural Anatomy of the Inferior Pyramidal Space Reconstructed Within the Cardiac Contour Using Multidetector Row Computed Tomography. Journal of Cardiovascular Electrophysiology, 2015, 26, 705-712.	1.7	22
14	Lesion characteristics between cryoballoon ablation and radiofrequency ablation with a contact force-sensing catheter: Late gadolinium enhancement magnetic resonance imaging assessment. Journal of Cardiovascular Electrophysiology, 2020, 31, 2572-2581.	1.7	22
15	The differences between bisecting and off-center cuts of the aortic root: The three-dimensional anatomy of the aortic root reconstructed from the living heart. Echocardiography, 2017, 34, 453-461.	0.9	21
16	Clinical structural anatomy of the inferior pyramidal space reconstructed from the living heart: Three-dimensional visualization using multidetector row computed tomography. Clinical Anatomy, 2015, 28, 878-887.	2.7	20
17	Part II—Clinical presentation, electrophysiologic characteristics, and when and how to ablate atriofascicular pathways and long and short decrementally conducting accessory pathways. Journal of Cardiovascular Electrophysiology, 2019, 30, 3079-3096.	1.7	20
18	Unusual variants of pre-excitation: From anatomy to ablation: Part III—Clinical presentation, electrophysiologic characteristics, when and how to ablate nodoventricular, nodofascicular, fasciculoventricular pathways, along with considerations of permanent junctional reciprocating tachycardia. Journal of Cardiovascular Electrophysiology, 2019, 30, 3097-3115.	1.7	20

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19	Three-dimensional quantification and visualization of aortic calcification by multidetector-row computed tomography: A simple approach using a volume-rendering method. <i>Atherosclerosis</i> , 2015, 239, 622-628.	0.8	19
20	Living Anatomy of the Ventricular Myocardial Crescents Supporting the Coronary Aortic Sinuses. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2020, 32, 230-241.	0.6	19
21	Understanding the Aortic Root Using Computed Tomographic Assessment: A Potential Pathway to Improved Customized Surgical Repair. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e013134.	2.6	19
22	The anatomic substrates for outflow tract arrhythmias. <i>Heart Rhythm</i> , 2019, 16, 290-297.	0.7	18
23	The association between wedging of the aorta and cardiac structural anatomy as revealed using multidetectorâ€row computed tomography. <i>Journal of Anatomy</i> , 2017, 231, 110-120.	1.5	17
24	Three-Dimensional Understanding of Complexity of the Aortic Root Anatomy as the Basis of Routine Two-Dimensional Echocardiographic Measurements. <i>Circulation Journal</i> , 2019, 83, 2320-2323.	1.6	17
25	Two-Dimensional Imaging of a Complex Three-Dimensional Structure: Measurements of Aortic Root Dimensions. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 792-794.	2.8	17
26	Optimal angulations for obtaining an en face view of each coronary aortic sinus and the interventricular septum: Correlative anatomy around the left ventricular outflow tract. <i>Clinical Anatomy</i> , 2015, 28, 494-505.	2.7	16
27	Wilhelm His Junior and his bundle. <i>Journal of Electrocardiology</i> , 2016, 49, 637-643.	0.9	16
28	Clinical cardiac structural anatomy reconstructed within the cardiac contour using multidetectorâ€row computed tomography: Atrial septum and ventricular septum. <i>Clinical Anatomy</i> , 2016, 29, 342-352.	2.7	16
29	Virtual Dissection: Emerging as the Gold Standard of Analyzing Living Heart Anatomy. <i>Journal of Cardiovascular Development and Disease</i> , 2020, 7, 30.	1.6	16
30	Normative Aortic Valvar Measurements in Adults Using Cardiac Computed Tomographyâ€• A Potential Guide to Further Sophisticate Aortic Valve-Sparing Surgery â€•. <i>Circulation Journal</i> , 2021, 85, 1059-1067.	1.6	16
31	Clinical cardiac structural anatomy reconstructed within the cardiac contour using multidetectorâ€row computed tomography: Left ventricular outflow tract. <i>Clinical Anatomy</i> , 2016, 29, 353-363.	2.7	15
32	The Anatomy, Development, and Evolution of the Atrioventricular Conduction Axis. <i>Journal of Cardiovascular Development and Disease</i> , 2018, 5, 44.	1.6	15
33	The rotational position of the aortic root related to its underlying ventricular support. <i>Clinical Anatomy</i> , 2019, 32, 1107-1117.	2.7	15
34	Association between the rotation and threeâ€dimensional tortuosity of the proximal ascending aorta. <i>Clinical Anatomy</i> , 2014, 27, 1200-1211.	2.7	14
35	Lesion distribution after cryoballoon ablation and hotballoon ablation: Lateâ€gadolinium enhancement magnetic resonance imaging analysis. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 1830-1840.	1.7	13
36	Threeâ€dimensional visualization of the bovine cardiac conduction system and surrounding structures compared to the arrangements in the human heart. <i>Journal of Anatomy</i> , 2021, 238, 1359-1370.	1.5	11

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37	Isomerism in the setting of the so-called "heterotaxy" The usefulness of computed tomographic analysis. <i>Annals of Pediatric Cardiology</i> , 2017, 10, 175.	0.5	11
38	Electrophysiology and Arrhythmogenesis in the Human Right Ventricular Outflow Tract. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2022, 15, CIRCEP121010630.	4.8	11
39	The Fate of the Outflow Tract Septal Complex in Relation to the Classification of Ventricular Septal Defects. <i>Journal of Cardiovascular Development and Disease</i> , 2019, 6, 9.	1.6	10
40	Virtual Reality Perhaps, but Is this Real Cardiac Anatomy?. <i>Clinical Anatomy</i> , 2019, 32, 468-468.	2.7	10
41	Clinical cardiac structural anatomy reconstructed within the cardiac contour using multidetector-row computed tomography: The arrangement and location of the cardiac valves. <i>Clinical Anatomy</i> , 2016, 29, 364-370.	2.7	9
42	Diversity and Determinants of the Three-dimensional Anatomical Axis of the Heart as Revealed Using Multidetector-row Computed Tomography. <i>Anatomical Record</i> , 2017, 300, 1083-1092.	1.4	9
43	How Can We Best Describe the Cardiac Components?. <i>Journal of Cardiovascular Electrophysiology</i> , 2016, 27, 972-975.	1.7	7
44	Compression of the Right Ventricular Outflow Tract due to Straight Back Syndrome Clarified by Low-dose Dual-source Computed Tomography. <i>Internal Medicine</i> , 2016, 55, 3279-3283.	0.7	7
45	Demonstration of living anatomy clarifies the morphology of interatrial communications. <i>Heart</i> , 2018, 104, 2003-2009.	2.9	7
46	Percutaneous Pericardiocentesis With the Anterior Approach. <i>JACC: Clinical Electrophysiology</i> , 2019, 5, 730-741.	3.2	6
47	Three-dimensional volumetric measurement of the aortic root compared to standard two-dimensional measurements using cardiac computed tomography. <i>Clinical Anatomy</i> , 2021, 34, 333-341.	2.7	6
48	Severe Deformation of Right Atrium and Tricuspid Annulus Due to Compression by Tortuous Aorta. <i>Journal of Cardiovascular Electrophysiology</i> , 2012, 23, 881-881.	1.7	5
49	Of Tracts, Rings, Nodes, Cusps, Sinuses, and Arrhythmias—A Comment on Szili-Torok et al.'s Paper Entitled "The Dead-End Tract" and Its Role in Arrhythmogenesis. <i>J. Cardiovasc. Dev. Dis.</i> 2016, 3, 11. <i>Journal of Cardiovascular Development and Disease</i> , 2016, 3, 17.	1.6	5
50	Tailored Duration of Contrast Material Injection in High-Pitch Computed Tomographic Aortography With a Double-Level Test Bolus Method. <i>Investigative Radiology</i> , 2017, 52, 274-280.	6.2	5
51	Atypical inferoseptal accessory pathway connection associated with an aneurysm of the coronary sinus: Insight from a three-dimensional combined image of electroanatomic mapping and computed tomography. <i>HeartRhythm Case Reports</i> , 2018, 4, 389-392.	0.4	5
52	Miniseries "Septal and parasепtal accessory pathways" Part I: The anatomic basis for the understanding of para-Hisian accessory atrioventricular pathways. <i>Europace</i> , 2022, 24, 639-649.	1.7	5
53	Living Anatomy of the Pericardial Space. <i>JACC: Clinical Electrophysiology</i> , 2021, 7, 1628-1644.	3.2	5
54	Slit-Like Deformation of the Coronary Sinus Orifice due to Compression of the Inferior Pyramidal Space by the Severely Dilated Left Ventricle. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2016, 39, 1026-1029.	1.2	4

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55	Anatomical characteristics of the superior epigastric artery for epicardial ablation using the anterior approach. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 1339-1340.	1.7	4
56	Anatomy of the Pericardial Space. <i>Cardiac Electrophysiology Clinics</i> , 2020, 12, 265-270.	1.7	4
57	Simple Stereoscopic Display of 3-Dimensional Living Heart Anatomy Relevant to Electrophysiological Practice. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 1473-1477.	3.2	4
58	Ascending aortic elongation and correlative change in overall configuration of the proximal aorta in elderly patients with severe aortic stenosis. <i>Clinical Anatomy</i> , 2020, 33, 1240-1248.	2.7	4
59	Visualization of intensive atrial inflammation and fibrosis after cryoballoon ablation: PET/MRI and LGE-MRI analysis. <i>Journal of Arrhythmia</i> , 2021, 37, 52-59.	1.2	4
60	The aortic valve with four leaflets: how should we best describe this blue moon?. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 777-780.	1.2	4
61	Revival of Mitral and Tricuspid Annular Disjunctions. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1682-1684.	5.3	4
62	Massive Air Embolism During Atrial Fibrillation Ablation. <i>JACC: Case Reports</i> , 2021, 3, 47-52.	0.6	4
63	Diversity and determinants of the sigmoid septum and its impact on morphology of the outflow tract as revealed using cardiac computed tomography. <i>Echocardiography</i> , 2022, 39, 248-259.	0.9	4
64	Optimal image reconstruction using multidetector-row computed tomography to facilitate cardiac resynchronization therapy. <i>Echocardiography</i> , 2017, 34, 1073-1076.	0.9	3
65	Revisiting the prevalence and diversity of localized thinning of the left ventricular apex. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 915-920.	1.7	3
66	Varied Extent of Mitral Annular Disjunction Among Cases With Different Phenotypes of Mitral Valve Prolapse. <i>JACC: Case Reports</i> , 2021, 3, 1251-1257.	0.6	3
67	Catheter Ablation for Idiopathic Right Ventricular Outflow Tract Premature Ventricular Contraction via the Single Right Transjugular Approach. <i>Journal of Cardiovascular Electrophysiology</i> , 2013, 24, 229-230.	1.7	2
68	Reconstruction of an Extracardiac Aortocoronary Collateral and Simulation of Selective Angiography With Multidetector-Row Computed Tomography. <i>Circulation</i> , 2015, 131, e476-9.	1.6	2
69	Isolated Fourth Heart Sound. <i>Circulation: Heart Failure</i> , 2017, 10, .	3.9	2
70	Optimal reconstruction of left ventricular outflow tract obstruction before surgical myectomy in a case with hypertrophic obstructive cardiomyopathy. <i>Echocardiography</i> , 2018, 35, 537-540.	0.9	2
71	Living anatomy of the pulmonary root. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 1238-1240.	1.7	2
72	“An imprisoned heart” arrested by pillory of calcified ring surrounding both ventricles: An extremely rare case of constrictive pericarditis. <i>Echocardiography</i> , 2019, 36, 2265-2267.	0.9	2

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73	Stereoscopic three-dimensional anatomy of the heart: another legacy of Dr. Wallace A. McAlpine. <i>Anatomical Science International</i> , 2021, 96, 485-488.	1.0	2
74	Rotational Position of the Aortic Root is Associated with Increased Aortic Dimensions in Marfan and Loey's Dietz Syndrome. <i>Pediatric Cardiology</i> , 2021, 42, 1157-1161.	1.3	2
75	Iatrogenic Atrioventricular Block. <i>Cardiac Electrophysiology Clinics</i> , 2021, 13, 711-720.	1.7	2
76	Three-dimensional imaging of the pericardial space. <i>HeartRhythm Case Reports</i> , 2020, 6, 194-197.	0.4	2
77	Miniseries "Septal and paraseptal accessory pathways" Part II: Para-Hisian accessory pathways—so-called anteroseptal pathways revisited. <i>Europace</i> , 2022, 24, 650-661.	1.7	2
78	Three-dimensional relationship between the conus branch and the precordial leads confirmed by 64-slice multidetector-row computed tomography. <i>Journal of Electrocardiology</i> , 2009, 42, 118.e1-118.e5.	0.9	1
79	Spontaneous coronary artery intramural hematoma in a patient with vascular Ehlers-Danlos syndrome: Serial findings in coronary computed tomographic angiography. <i>Journal of Cardiovascular Computed Tomography</i> , 2017, 11, 324-326.	1.3	1
80	Extracardiac compression of the inferolateral branch of the coronary vein by the descending aorta in a patient with dilated cardiomyopathy. <i>Journal of Arrhythmia</i> , 2017, 33, 646-648.	1.2	1
81	Cardiac apical swinging detected by computed tomography. <i>Echocardiography</i> , 2017, 34, 1950-1952.	0.9	1
82	A rare case of "subcommissural adhesive aortic stenosis": Triangular struggle of aortic valve area, hemodynamics, and calcium burden. <i>Echocardiography</i> , 2017, 34, 1717-1720.	0.9	1
83	The first case of "locked" leaflet after transcatheter aortic valve replacement in a patient with bicuspid aortic stenosis. <i>Echocardiography</i> , 2018, 35, 110-113.	0.9	1
84	Circumferential extent of thinning of the basal muscular ventricular septum in a case of cardiac sarcoidosis. <i>Echocardiography</i> , 2018, 35, 2095-2098.	0.9	1
85	Serial observation of electrocardiographic responses to corticosteroid therapy in a patient with right ventricular-predominant cardiac sarcoidosis. <i>Journal of Electrocardiology</i> , 2018, 51, 658-662.	0.9	1
86	How to Use Intracardiac Echocardiography to Recognize Normal Cardiac Anatomy. <i>Cardiac Electrophysiology Clinics</i> , 2021, 13, 273-283.	1.7	1
87	Real three-dimensional cardiac imaging using leading-edge holographic display. <i>Clinical Anatomy</i> , 2021, 34, 966-968.	2.7	1
88	Demonstration of entrainment in a case of adenosine-sensitive focal atrial tachycardia near the His bundle. <i>Journal of Arrhythmia</i> , 2012, 28, 65-70.	1.2	0
89	Insertion of an active fixation lead in the inferior interatrial septum via a 9.0 Fr guiding catheter. <i>Journal of Arrhythmia</i> , 2014, 30, 123-126.	1.2	0
90	Serial images of an enlarging asymptomatic pulmonary venous aneurysm. <i>Journal of Cardiovascular Computed Tomography</i> , 2017, 11, 499-500.	1.3	0

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91	Reversed Rivero-Carvalho's sign confirmed by blood flow analysis using cardiac magnetic resonance imaging in a patient with straight back syndrome. <i>Echocardiography</i> , 2017, 34, 1721-1724.	0.9	0
92	Absence of Myocardial Support at the Base of the Left Coronary Aortic Sinus in a Patient With Ehlers-Danlos Syndrome. <i>Circulation Journal</i> , 2021, 85, 220.	1.6	0
93	Further Insights Into a Classic Arrhythmia. <i>JACC: Clinical Electrophysiology</i> , 2021, 7, 855-857.	3.2	0
94	Stereogram of the Living Heart, Lung, and Adjacent Structures. <i>Tomography</i> , 2022, 8, 824-841.	1.8	0