

2021・2022年JMU掲載論文

No	Title	Authors	Article Type	Classifications	Volume	Issue	Publication Year	URL
1	Basic concept and clinical applications of quantitative ultrasound (QUS) technologies	Tadashi Yamaguchi	Special feature article	Physics & Engineering	48	4	2021	https://doi.org/10.1007/s10396-021-01139-6
2	A review of physical and engineering factors potentially affecting shear wave elastography	Naotaka Nitta, Makoto Yamakawa, Hiroyuki Hachiya, Tsuyoshi Shiina	Special feature article	Physics & Engineering	48	4	2021	https://doi.org/10.1007/s10396-021-01127-w
3	Advances in ultrasonography: image formation and quality assessment	Hideyuki Hasegawa	Special feature article	Physics & Engineering	48	4	2021	https://doi.org/10.1007/s10396-021-01140-z
4	Investigation of feasibility of singular value decomposition clutter filter in plane wave imaging with packet transmission sequence	Hideyuki Hasegawa, Ryo Nagaoka, Masaaki Omura, Michiya Mozumi, Kozue Saito	Original Article	Physics & Engineering	48	1	2021	https://doi.org/10.1007/s10396-020-01067-x
5	Evaluation method of the degree of red blood cell aggregation considering ultrasonic propagation attenuation by analyzing ultrasonic backscattering properties	Kanta Nagasawa, Akiyo Fukase, Shohei Mori, Mototaka Arakawa, Satoshi Yashiro, Yasushi Ishigaki, Hiroshi Kanai	Original Article	Physics & Engineering	48	1	2021	https://doi.org/10.1007/s10396-020-01065-z
6	Displacement detection with sub-pixel accuracy and high spatial resolution using deep learning	Mariko Yamamoto, Shin Yoshizawa	Original Article	Physics & Engineering	49	1	2022	https://doi.org/10.1007/s10396-021-01162-7
7	The feasibility of a noise elimination method using continuous wave response of therapeutic ultrasound signals for ultrasonic monitoring of high-intensity focused ultrasound treatment	Ryo Takagi, Toshikatsu Washio, Yoshihiko Koseki	Original Article	Physics & Engineering	48	2	2021	https://doi.org/10.1007/s10396-021-01083-5
8	Tongue model construction based on ultrasound images with image processing and deep learning method	Nobuhiko Mukai, Kimie Mori, Yoshiko Takei	Original Article	Physics & Engineering	49	2	2022	https://doi.org/10.1007/s10396-022-01193-8
9	Color Doppler shear wave elastography using commercial ultrasound machine with compensated transducer scanning delay	Norma Hermawan, Takuro Ishii, Yoshifumi Saijo	Original Article	Physics & Engineering	49	2	2022	https://doi.org/10.1007/s10396-022-01194-7
10	Acoustic radiation force impulse under clinical conditions with single infusion of ultrasound contrast agent evoking arrhythmias in rabbit heart	Kazuma Rifu, Hideki Sasanuma, Noriya Takayama, Naotaka Nitta, Yukiyo Ogata, Iwaki Akiyama, Nobuyuki Taniguchi	Original Article	Physics & Engineering	48	2	2021	https://doi.org/10.1007/s10396-021-01085-3
11	Shear wave speed measurement bias in a viscoelastic phantom across six ultrasound elastography systems: a comparative study with transient elastography and magnetic resonance elastography	Riwa Kishimoto, Mikio Suga, Masashi Usumura, Hiroko Iijima, Masahiro Yoshida, Hiroyuki Hachiya, Tsuyoshi Shiina, Makoto Yamakawa, Kei Konno, Takayuki Obata, Tadashi Yamaguchi	Original Article	Physics & Engineering	49	2	2022	https://doi.org/10.1007/s10396-022-01190-x
12	Enhancement of astaxanthin incorporation by pulsed high-intensity ultrasound in LPS-stimulated macrophages	Xiaoqi Ma, Atomu Yamaguchi, Noriaki Maeshige, Mikiko Uemura, Hikari Noguchi, Hiroyo Kondo, Hidemi Fujino	Original Article	Physics & Engineering	49	2	2022	https://doi.org/10.1007/s10396-022-01189-4
13	Promoting the effect of microbubble-enhanced ultrasound on hyperthermia in rabbit liver	Yuwen Yang, Huanqian Luo, Yang Zhao, Lu Li, Yan He, Fen Xi, Hai Jin, Ruru Gao, Qiong Luo, Jianhua Liu	Original Article	Physics & Engineering	49	2	2022	https://doi.org/10.1007/s10396-021-01187-y
14	Relationship between shear elastic modulus and passive force of the human rectus femoris at multiple sites: a Thiel soft-embalmed cadaver study	Taiki Kodesho, Keigo Taniguchi, Takuya Kato, Shougo Mizoguchi, Yoshiki Yamakoshi, Kota Watanabe, Mineko Fujimiyama, Masaki Katayose	Original Article	Physics & Engineering	48	2	2021	https://doi.org/10.1007/s10396-020-01076-w
15	Low-complexity generalized coherence factor estimated from binarized signals in ultrasound beamforming	Masanori Hisatsu, Shohei Mori, Mototaka Arakawa, Hiroshi Kanai	Original Article	Physics & Engineering	48	3	2021	https://doi.org/10.1007/s10396-021-01089-z
16	Measurement of flow velocity vectors in carotid artery by plane wave imaging with repeated transmit sequence	Hideyuki Hasegawa, Michiya Mozumi, Masaaki Omura, Ryo Nagaoka, Kozue Saito	Original Article	Physics & Engineering	48	4	2021	https://doi.org/10.1007/s10396-021-01113-2
17	Low-intensity ultrasound inhibits melanoma cell proliferation in vitro and tumor growth in vivo	Loreto B. Feril Jr., Kazuki Yamaguchi, Yurika Ikeda-Dantsuji, Yukihiro Furusawa, Yoshiaki Tabuchi, Ichiro Takasaki, Ryohei Ogawa, Zheng-Guo Cui, Katsuro Tachibana	Original Article	Physics & Engineering	48	4	2021	https://doi.org/10.1007/s10396-021-01131-0
18	Machine learning-enabled quantitative ultrasound techniques for tissue differentiation	Hannah Thomson, Shufan Yang, Sandy Cochran	Original Article	Physics & Engineering	49	4	2022	https://doi.org/10.1007/s10396-022-01230-6
19	The effect of attenuation inside the acoustic traps on the configuration of vertical artifacts in lung ultrasound: an experimental study with simple models	Toru Kameda, Naohisa Kamiyama, Nobuyuki Taniguchi	Original Article	Physics & Engineering	49	4	2022	https://doi.org/10.1007/s10396-022-01244-0
20	Assessment of the frequency dependence of acoustic properties on material, composition, and scatterer size of the medium	Mai Ino, Kenji Yoshida, Shinnosuke Hirata, Kazuyo Ito, Tadashi Yamaguchi	Original Article	Physics & Engineering	49	4	2022	https://doi.org/10.1007/s10396-022-01235-1
21	Application of low-complexity generalized coherence factor to in vivo data	Masanori Hisatsu, Shohei Mori, Mototaka Arakawa, Hiroshi Kanai	Original Article	Physics & Engineering	49	4	2022	https://doi.org/10.1007/s10396-022-01243-1
22	Inhibitory effects of ultrasound irradiation on Staphylococcus epidermidis biofilm	Harumi Koibuchi, Yasutomu Fujii, Yusuke Sato'o, Takashi Mochizuki, Toshiyuki Yamada, Longzhu Cui, Nobuyuki Taniguchi	Original Article	Physics & Engineering	48	4	2021	https://doi.org/10.1007/s10396-021-01120-3

23	Evaluation of local changes in RF signal waveform and brightness caused by vessel dilatation for ascertaining reliability of elasticity estimate inside heterogeneous plaque: A preliminary study	Yuta Haji, Shohei Mori, Mototaka Arakawa, Toshio Yamagishi, Hiroshi Kanai	Original Article	Physics & Engineering	49	4	2022	https://doi.org/10.1007/s10396-022-01229-z
24	Current status and issues regarding reference values for echocardiography: a short review	Tadafumi Sugimoto, Kaoru Dohi	Special feature article	Cardiology	49	1	2022	https://doi.org/10.1007/s10396-021-01108-z
25	How to standardize the measurement of left ventricular ejection fraction	Kenya Kusunose, Robert Zheng, Hirotsugu Yamada, Masataka Sata	Special feature article	Cardiology	49	1	2022	https://doi.org/10.1007/s10396-021-01116-z
26	Standardization of normal values for cardiac chamber size in echocardiography	Tatsuya Miyoshi, Hidekazu Tanaka	Special feature article	Cardiology	49	1	2022	https://doi.org/10.1007/s10396-021-01147-6
27	How to standardize measurement of global longitudinal strain	Tomoko Negishi, Kazuaki Negishi	Special feature article	Cardiology	49	1	2022	https://doi.org/10.1007/s10396-021-01160-9
28	Aging and myocardial strain	Koki Nakanishi, Masao Daimon	Special feature article	Cardiology	49	1	2022	https://doi.org/10.1007/s10396-021-01115-0
29	Cardiac and vascular point-of-care ultrasound: current situation, problems, and future prospects	Hirotsugu Yamada, Hiroyuki Ito, Mika Fujiwara	Special feature article	Cardiology	49	4	2022	https://doi.org/10.1007/s10396-021-01166-3
30	The roles of global longitudinal strain imaging in contemporary clinical cardiology	Toshimitsu Kato, Tomonari Harada, Kazuki Kagami, Masaru Obokata	Review Article	Cardiology	49	2	2022	https://doi.org/10.1007/s10396-021-01184-1
31	Diagnosis of heart failure in the elderly: current status and future perspectives for echocardiographic diagnostic systems	Yoshihiro Seo	Review Article	Cardiology	49	3	2022	https://doi.org/10.1007/s10396-022-01223-5
32	Treatment of secondary mitral regurgitation by transcatheter edge-to-edge repair using MitraClip	Yuji Itabashi, Sayuki Kobayashi, Yukiko Mizutani, Kei Torikai, Isao Taguchi	Review Article	Cardiology	49	3	2022	https://doi.org/10.1007/s10396-022-01227-1
33	Wave intensity, an index of ventriculo-arterial interaction, increases in hypertensive subjects but decreases in normotensive subjects during the cold pressor test	Midori Tanaka, Motoaki Sugawara, Kiyomi Niki, Yasuo Ogasawara	Original Article	Cardiology	48	2	2021	https://doi.org/10.1007/s10396-020-01077-9
34	Age-related etiologies of aortic regurgitation with moderate or greater severity and coronary cusp bending: evaluation using transesophageal echocardiography	Naoki Hoshino, Akira Yamada, Yuka Kawada, Meiko Hoshino, Sayuri Yamabe, Kayoko Takada, Kunihiko Sugimoto, Hideo Izawa	Original Article	Cardiology	49	2	2022	https://doi.org/10.1007/s10396-021-01177-0
35	Impact of left ventricular hypertrophy on clinical outcomes in patients with dialysis: a single-center study in Japan	Takafumi Nakayama, Junki Yamamoto, Toshikazu Ozeki, Kaoru Yasuda, Chikao Yamazaki, Tsuyoshi Ito, Toshihiko Goto, Shoichi Maruyama, Kunio Morozumi, Yoshihiro Seo	Original Article	Cardiology	49	2	2022	https://doi.org/10.1007/s10396-022-01197-4
36	Association of carotid ultrasonography with perioperative stroke after thoracic aortic aneurysm treatment: a retrospective study	Michiko Ito, Hirofumi Shimada, Toshiyasu Ogata, Hiromitsu Teratani, Yoshio Tsuboi, Tooru Inoue, Hideichi Wada	Original Article	Cardiology	48	3	2021	https://doi.org/10.1007/s10396-021-01096-0
37	Total atrial conduction time as a possible predictor of atrial fibrillation recurrence after catheter ablation for paroxysmal atrial fibrillation: relationship between electrical atrial remodeling and structural atrial remodeling time courses	Ryuichi Maenosono, Naoko Mizukami, Hitoshi Ichiki, Naoya Oketani, Fuminori Namino, Izumi Masamoto, Toshinori Yuasa, Munekazu Yamakuchi, Mitsuru Ohishi, Teruto Hashiguchi	Original Article	Cardiology	48	3	2021	https://doi.org/10.1007/s10396-021-01090-6
38	Self-learning followed by telepresence instruction of focused cardiac ultrasound with a handheld device for medical students: a preliminary study	Toru Kameda, Harumi Koibuchi, Kei Konno, Nobuyuki Taniguchi	Original Article	Cardiology	49	3	2022	https://doi.org/10.1007/s10396-022-01233-3
39	Value of Standard Echocardiography at the Bedside for COVID-19 Patients with an Offline Comprehensive Measurement: A Japanese Single-center Analysis	Tomoo Nagai, Hitomi Horinouchi, Koichiro Yoshioka, Yoshihide Nakagawa, Yuji Ikari	Original Article	Cardiology	48	4	2021	https://doi.org/10.1007/s10396-021-01122-1
40	Analysis of the Relationship between the Amplitude of Aortic Wall Motion and Heart Function	Hideki Tashiro, Samon Koyanagi, Akihiro Honda, Toshikatu Nonaka, Youhei Ohkubo, Chisana Naganuma, Daisuke Fukui, Kenichi Ichimura, Terufumi Sakai	Original Article	Cardiology	49	4	2022	https://doi.org/10.1007/s10396-022-01238-y
41	A case of commissural dehiscence 13 years after mitral valve bioprosthesis replacement	Ritsuko Kurimoto, Masahiro Dohi, Shunpei Ushimaru, Kimitoshi Kitani, Taku Kato, Hirokazu Yokoi, Hiroki Mani	Image	Cardiology	49	1	2022	https://doi.org/10.1007/s10396-021-01170-7
42	A growing left ventricular aneurysm after myocardial infarction: pathological confirmation of subepicardial aneurysm	Hitomi Horinouchi, Tomoo Nagai, Mai Ishihara, Seiji Tamiya, Yuji Ikari	Image	Cardiology	48	1	2021	https://doi.org/10.1007/s10396-020-01057-z
43	Hypochoic neoplasm with hyperechoic capsule on transthoracic echocardiography in a case of cardiac hemangioma	Xing-zhi Huang, Jia Hu, Hongling Ran, Juan Liu	Image	Cardiology	48	2	2021	https://doi.org/10.1007/s10396-021-01080-8
44	Perforation of the membranous atrioventricular septum caused by infective endocarditis in a patient with a unicuspid aortic valve	Yukiko Sugawara, Atsushi Kobayashi, Yuki Muto, Takashi Igarashi, Yasuchika Takeishi	Image	Cardiology	49	2	2022	https://doi.org/10.1007/s10396-021-01180-5
45	Myocardial infiltration of B-cell lymphoblastic lymphoma detected by speckle tracking echocardiography: the importance of segmental longitudinal strain	Kanako Niwa, Toshimitsu Kato, Tomonari Harada, Masaru Obakata, Takao Kimura, Hideki Ishii, Masami Murakami	Image	Cardiology	49	3	2022	https://doi.org/10.1007/s10396-022-01216-4

46	Esophageal hematoma associated with transesophageal echocardiography during transcatheter aortic valve replacement in an elderly Japanese woman	Yuko Yamamoto, Hiroyuki Kiriyama, Masao Daimon, Yoshiteru Mori, Haruo Yamauchi, Mizuki Miura, Issei Komuro	Image	Cardiology	49	3	2022	https://doi.org/10.1007/s10396-022-01219-1
47	Two cases showing alterations of the order of tricuspid and mitral valve opening during loading manipulations: a new approach for quick assessment of stress-induced left ventricular filling pressure elevation	Michito Murayama, Hiroyuki Iwano, Ko Motoi, Suguru Ishizaka, Shingo Tsujinaga, Toshiyuki Nagai, Toshihisa Anzai	Image	Cardiology	49	3	2022	https://doi.org/10.1007/s10396-022-01224-4
48	Development of aortic regurgitation due to non-bacterial thrombotic endocarditis	Masayo Sugawara, Tomoko Nakao, Yutaka Yatomi, Masao Daimon	Image	Cardiology	48	3	2021	https://doi.org/10.1007/s10396-021-01105-2
49	Methicillin-resistant Staphylococcus aureus-induced right-sided infective endocarditis detected by transthoracic echocardiography: the importance of parasternal short-axis view screening	Keiko Morita, Toshimitsu Kato, Koji Kurosawa, Kunio Yanagisawa, Noriaki Takama, Yutaka Tokue, Masami Murakami	Image	Cardiology	48	3	2021	https://doi.org/10.1007/s10396-021-01099-x
50	Preoperative diagnosis of acute aortic regurgitation caused by a ruptured anomalous cord in a patient with a bicuspid aortic valve using transesophageal echocardiography	Shota Inoue, Tomoko Nakao, Osamu Kinoshita, Hirohide Suzuki, Yutaka Yatomi, Masao Daimon	Image	Cardiology	49	3	2022	https://doi.org/10.1007/s10396-022-01231-5
51	Recurrent ovarian hemangioma extending via the inferior vena cava to the right heart mimicking leiomyomatosis and visualized by echocardiography	Toshimitsu Kato, Noriaki Takama, Tomoaki Ishii, Katsumi Kaneko, Yoshiaki Kaneko, Hideki Ishii, Masami Murakami	Image	Cardiology	49	4	2022	https://doi.org/10.1007/s10396-022-01258-8
52	Pseudo-thrombus mechanism in left atrial appendage visualized via transthoracic echocardiography	Ai Saito, Toshimitsu Kato, Takahiro Ikoma, Katsuhiko Tsunekawa, Noriaki Takama, Takao Kimura, Masami Murakami	Image	Cardiology	48	4	2021	https://doi.org/10.1007/s10396-021-01119-w
53	Multimodality imaging in patients with an idiopathic submitral left ventricular aneurysm	Fengyu Huang, Li Rao, Wenjuan Bai	Image	Cardiology	48	4	2021	https://doi.org/10.1007/s10396-021-01130-1
54	Pulmonary blastoma captured by the mitral valve	Masaru Yoshikai, Manabu Ito, Yousuke Ueno, Nobuhiko Koga	Image	Cardiology	49	4	2022	https://doi.org/10.1007/s10396-022-01248-w
55	Vascular evaluation using transabdominal ultrasound for gallbladder polyps	Haruo Miwa, Kazushi Numata, Kazuya Sugimori, Takashi Kaneko, Shin Maeda	Special feature article	Gastroenterology	48	2	2021	https://doi.org/10.1007/s10396-020-01008-8
56	Role of conventional ultrasonography in the diagnosis of gallbladder polypoid lesions	Shinji Okaniwa	Special feature article	Gastroenterology	48	2	2021	https://doi.org/10.1007/s10396-019-00989-5
57	Role of endoscopic ultrasound for gallbladder disease	Kazunari Tanaka, Akio Katanuma, Tsuyoshi Hayashi, Toshifumi Kin, Kuniyuki Takahashi	Special feature article	Gastroenterology	48	2	2021	https://doi.org/10.1007/s10396-020-01030-w
58	B-mode ultrasonographic diagnosis in gallbladder wall thickening	Hironao Miyoshi, Kazuo Inui, Yoshiaki Katano, Yoshihiko Tachi, Satoshi Yamamoto	Special feature article	Gastroenterology	48	2	2021	https://doi.org/10.1007/s10396-020-01018-6
59	Artificial intelligence in the diagnosis of cirrhosis and portal hypertension	Xiaoguo Li, Ning Kang, Xiaolong Qi, Yifei Huang	Special feature article	Gastroenterology	49	3	2022	https://doi.org/10.1007/s10396-021-01153-8
60	Diagnostic accuracy of transient elastography in diagnosing clinically significant portal hypertension in patients with chronic liver disease: a systematic review and meta-analysis	Ashish Kumar, Hitoshi Maruyama, Anil Arora, Praveen Sharma, Shrihari Anil Anikhindi, Naresh Bansal, Mandhir Kumar, Piyush Ranjan, Munish Sachdeva, Shivam Khare	Special feature article	Gastroenterology	49	3	2022	https://doi.org/10.1007/s10396-022-01239-x
61	Application of ultrasound for the diagnosis of cirrhosis/portal hypertension	Seul Ki Han, Moon Young Kim, Seong Hee Kang, Soon Koo Baik	Special feature article	Gastroenterology	49	3	2022	https://doi.org/10.1007/s10396-022-01191-w
62	The role of endoscopic ultrasound for portal hypertension in liver cirrhosis	Cosmas Rinaldi Adithya Lesmana, Maria Satya Paramitha, Rino A. Gani, Laurentius A. Lesmana	Special feature article	Gastroenterology	49	3	2022	https://doi.org/10.1007/s10396-021-01165-4
63	Ultrasonography in the diagnosis of complications in patients with portal hypertension	Hisashi Hidaka, Haruki Uojima	Special feature article	Gastroenterology	49	3	2022	https://doi.org/10.1007/s10396-021-01158-3
64	Point-of-care ultrasound for acute abdomen: 5W1H (Translated version)	Jiro Hata	Special feature article	Gastroenterology	49	4	2022	https://doi.org/10.1007/s10396-022-01203-9
65	Quantitative assessment of fatty liver using ultrasound attenuation imaging	Dong Ho Lee	Special feature article	Gastroenterology	48	4	2021	https://doi.org/10.1007/s10396-021-01132-z
66	Quantitative assessment of liver steatosis using ultrasound: dual-energy CT	Akira Yamada, Eriko Yoshizawa	Special feature article	Gastroenterology	48	4	2021	https://doi.org/10.1007/s10396-021-01136-9
67	Pathological findings of liver steatosis that is difficult to evaluate by ultrasound	Reiichiro Kondo, Hironori Kusano, Yutaro Mihara, Masayoshi Kage, Jun Akiba, Hirohisa Yano	Special feature article	Gastroenterology	48	4	2021	https://doi.org/10.1007/s10396-021-01126-x
68	Attenuation coefficient measurement for liver fat quantification in chronic liver disease	Nobuharu Tamaki, Masayuki Kurosaki, Yutaka Yasui, Kaoru Tsuchiya, Namiki Izumi	Special feature article	Gastroenterology	48	4	2021	https://doi.org/10.1007/s10396-021-01103-4
69	MRI-derived proton density fat fraction.	Eriko Yoshizawa, Akira Yamada	Special feature article	Gastroenterology	48	4	2021	https://doi.org/10.1007/s10396-021-01135-w
70	Quantitative assessment of liver steatosis using ultrasound Controlled Attenuation Parameter: CAP (Echoscans)	Giovanna Ferraioli	Special feature article	Gastroenterology	48	4	2021	https://doi.org/10.1007/s10396-021-01106-1
71	Diagnostic accuracy of ultrasound-guided attenuation parameter as a non-invasive test for steatosis in non-alcoholic fatty liver disease	Hidekatsu Kuroda, Tamami Abe, Yudai Fujiwara, Tomoaki Nagasawa, Yasuhiro Takikawa	Special feature article	Gastroenterology	48	4	2021	https://doi.org/10.1007/s10396-021-01123-0

72	Role of transabdominal ultrasound in the diagnosis of autoimmune pancreatitis	Shinji Okaniwa	Special feature article	Gastroenterology	48	4	2021	https://doi.org/10.1007/s10396-021-01133-y
73	Imaging diagnosis of autoimmune pancreatitis using endoscopic ultrasonography	Takuya Ishikawa, Hiroki Kawashima, Eizaburo Ohno, Yasuyuki Mizutani, Mitsuhiro Fujishiro	Special feature article	Gastroenterology	48	4	2021	https://doi.org/10.1007/s10396-021-01143-w
74	Endoscopic ultrasound-guided tissue acquisition for the histopathological diagnosis of autoimmune pancreatitis	Atsushi Kanno, Kiichi Tamada, Noriyoshi Fukushima, Alan Kawarai Lefor, Hironori Yamamoto	Special feature article	Gastroenterology	48	4	2021	https://doi.org/10.1007/s10396-021-01144-9
75	Endoscopic retrograde cholangiopancreatography and intraductal ultrasonography in the diagnosis of autoimmune pancreatitis and IgG4-related sclerosing cholangitis	Itaru Naitoh, Takahiro Nakazawa	Special feature article	Gastroenterology	48	4	2021	https://doi.org/10.1007/s10396-021-01114-1
76	Histological features of autoimmune pancreatitis and IgG4-related sclerosing cholangitis with a correlation with imaging findings	Kenji Notohara	Special feature article	Gastroenterology	48	4	2021	https://doi.org/10.1007/s10396-021-01148-5
77	Imaging diagnosis of autoimmune pancreatitis: computed tomography and magnetic resonance imaging	Hiroshi Ogawa, Yasuo Takehara, Shinji Naganawa	Special feature article	Gastroenterology	48	4	2021	https://doi.org/10.1007/s10396-021-01145-8
78	Efficacy of B-mode ultrasound-based attenuation for the diagnosis of hepatic steatosis: a systematic review/meta-analysis	Masashi Hirooka, Yohei Koizumi, Kotarou Sunago, Yoshiko Nakamura, Kana Hirooka, Takao Watanabe, Osamu Yoshida, Yoshio Tokumoto, Masanori Abe, Yoichi Hiasa	Review Article	Gastroenterology	49	2	2022	https://doi.org/10.1007/s10396-022-01196-5
79	Transabdominal ultrasonographic diagnosis of relatively rare pancreatic neoplasms	Senju Hashimoto, Kazunori Nakaoka, Hiroyuki Tanaka, Teiji Kuzuya, Naoto Kawabe, Mitsuo Nagasaka, Yoshihito Nakagawa, Ryoji Miyahara, Tomoyuki Shibata, Yoshiki Hirooka	Review Article	Gastroenterology	49	2	2022	https://doi.org/10.1007/s10396-022-01192-9
80	Refraction artifact on abdominal sonogram	Hiroko Naganuma, Hideaki Ishida, Atsushi Uno, Hiroshi Nagai, Masahiro Ogawa, Naohisa Kamiyama	Review Article	Gastroenterology	48	3	2021	https://doi.org/10.1007/s10396-021-01097-z
81	Feasibility of endoscopic ultrasonography using a 60-MHz ultrasound miniature probe in the upper gastrointestinal tract	Hiroimitsu Asai, Kazuhiro Furukawa, Ryoji Miyahara, Kohei Funasaka, Satoshi Furune, Masanao Nakamura, Hiroki Kawashima, Masatoshi Ishigami, Yoshiki Hirooka, Mitsuhiro Fujishiro	Original Article	Gastroenterology	49	1	2022	https://doi.org/10.1007/s10396-021-01172-5
82	Reliability of an ultrasonographical scoring system for diagnosis of sinusoidal obstruction syndrome/veno-occlusive disease in patients with hematopoietic stem cell transplantation	Takahito Iwai, Mutsumi Nishida, Junichi Sugita, Yusuke Kudo, Rika Takasugi, Isao Yokota, Ryo Takagi, Hitoshi Shibuya, Shuichiro Takahashi, Takanori Teshima	Original Article	Gastroenterology	48	1	2021	https://doi.org/10.1007/s10396-020-01071-1
83	Noninvasive ultrasound technique for assessment of liver fibrosis and cardiac function in Fontan-associated liver disease: diagnosis based on elastography and hepatic vein waveform type	Yohei Koizumi, Masashi Hirooka, Takaaki Tanaka, Takao Watanabe, Osamu Yoshida, Yoshio Tokumoto, Takashi Higaki, Mariko Eguchi, Masanori Abe, Yoichi Hiasa	Original Article	Gastroenterology	48	2	2021	https://doi.org/10.1007/s10396-020-01078-8
84	Two-dimensional shear wave elastography of the pancreas: measurement success rate, repeatability, and factors affecting measurement values	Minling Zhuo, Xiujuan Zhang, Yi Tang, Yan Yan, Zhikui Chen	Original Article	Gastroenterology	49	2	2022	https://doi.org/10.1007/s10396-022-01198-3
85	Normal values of combinational elastography in adult liver: the influence of age	Yoko Idobe-Fujii, Ryoko Omoso, Shinya Fujii, Hiromitsu Fujiwara, Yuki Nakamura, Takahiro Nomi, Yuichiro Sasaki, Hiroyuki Sasaki, Hajime Isomoto, Yoshikazu Murawaki	Original Article	Gastroenterology	48	2	2021	https://doi.org/10.1007/s10396-021-01082-6
86	Role of liver stiffness measurements in patients who develop hepatocellular carcinoma after clearance of the hepatitis C virus	Yoshinori Gyotoku, Ryosaku Shirahashi, Toshikuni Suda, Masaya Tamano	Original Article	Gastroenterology	49	2	2022	https://doi.org/10.1007/s10396-021-01188-x
87	Renal vein measurement using ultrasonography in patients with cirrhotic ascites and congestive heart failure	Masahiro Kaneko, Naoki Matsumoto, Mariko Kumagawa, Yukinobu Watanabe, Midori Hirayama, Hiroshi Nakagawara, Toshiki Yamamoto, Masahiro Ogawa, Mitsuhiko Moriyama	Original Article	Gastroenterology	48	2	2021	https://doi.org/10.1007/s10396-021-01088-0
88	A study on the inconsistency of arterial phase hypervascularity detection between contrast-enhanced ultrasound using sonazoid and gadolinium-ethoxybenzyl-diethylenetriamine penta-acetic acid magnetic resonance imaging of hepatocellular carcinoma lesions	Feiqian Wang, Kazushi Numata, Makoto Chuma, Haruo Miwa, Satoshi Moriya, Katsuaki Ogushi, Masahiro Okada, Masako Otani, Yoshiaki Inayama, Shin Maeda	Original Article	Gastroenterology	48	2	2021	https://doi.org/10.1007/s10396-021-01086-2
89	The effect of the skin–liver capsule distance on the accuracy of ultrasound diagnosis for liver steatosis and fibrosis	Shinsuke Uchikawa, Tomokazu Kawaoka, Hatsue Fujino, Atsushi Ono, Takashi Nakahara, Eisuke Murakami, Masami Yamauchi, Daiki Miki, Michio Imamura, Hiroshi Aikata	Original Article	Gastroenterology	49	3	2022	https://doi.org/10.1007/s10396-022-01210-w

90	Large-volume cell-free and concentrated ascites reinfusion therapy improves venous flow in patients with liver cirrhosis	Naoki Matsumoto, Masahiro Ogawa, Tatsuo Kanda, Shunichi Matsuoka, Mitsuhiko Moriyama, Keisuke Matsusaki	Original Article	Gastroenterology	48	3	2021	https://doi.org/10.1007/s10396-021-01094-2
91	Ultrasonographic grayscale findings related to fibrosis in patients with non-alcoholic fatty liver disease: comparison with transient elastography and Fib-4 index	Naoki Matsumoto, Mariko Kumagawa, Masahiro Ogawa, Masahiro Kaneko, Yukinobu Watanabe, Hiroshi Nakagawara, Ryota Masuzaki, Tatsuo Kanda, Mitsuhiko Moriyama, Masahiko Sugitani	Original Article	Gastroenterology	48	3	2021	https://doi.org/10.1007/s10396-021-01107-0
92	Contrast-enhanced ultrasonography for blood flow detection in hepatocellular carcinoma during lenvatinib therapy	Naoki Matsumoto, Masahiro Ogawa, Masahiro Kaneko, Shuhei Arima, Mariko Kumagawa, Yukinobu Watanabe, Midori Hirayama, Ryota Masuzaki, Tatsuo Kanda, Mitsuhiko Moriyama	Original Article	Gastroenterology	49	3	2022	https://doi.org/10.1007/s10396-022-01204-8
93	Factors associated with misdiagnosis of preoperative EUS in patients with pancreatic cystic neoplasms undergoing surgical resection	Eizaburo Ohno, Takuya Ishikawa, Yasuyuki Mizutani, Tadashi Iida, Kota Uetsuki, Jun Yashika, Kenta Yamada, Noriaki Gibo, Toshinori Aoki, Hiroki Kawashima	Original Article	Gastroenterology	49	3	2022	https://doi.org/10.1007/s10396-022-01205-7
94	Optimal number of needle punctures in endoscopic ultrasound-guided fine needle aspiration/biopsy for gastric subepithelial lesions without rapid on-site evaluation	Masato Suzuki, Yusuke Sekino, Kunihiro Hosono, Kenichi Kawana, Hajime Nagase, Kensuke Kubota, Atsushi Nakajima	Original Article	Gastroenterology	48	4	2021	https://doi.org/10.1007/s10396-021-01129-8
95	Comparison of the Balthazar score of acute pancreatitis between computed tomography and ultrasound in children: pitfalls of ultrasound in diagnosing and evaluating pancreatitis	Takahiro Hosokawa, Yutaka Tanami, Yumiko Sato, Eiji Oguma	Original Article	Gastroenterology	48	4	2021	https://doi.org/10.1007/s10396-021-01117-y
96	The Most Appropriate ROI Position for Attenuation Coefficient Measurement in the Evaluation of Liver Steatosis	Katsutoshi Sugimoto, Masakazu Abe, Hisashi Oshiro, Hiroshi Takahashi, Tatsuya Kakegawa, Yusuke Tomita, Yu Yoshimasu, Hirohito Takeuchi, Takao Itoi	Original Article	Gastroenterology	48	4	2021	https://doi.org/10.1007/s10396-021-01124-z
97	Elucidation of spleen elasticity and viscosity in a carbon tetrachloride rat model of liver cirrhosis using a new ultrasound elastography	Yoshihiro Furuichi, Katsutoshi Sugimoto, Hisashi Oshiro, Masakazu Abe, Hirohito Takeuchi, Yu Yoshimasu, Takao Itoi	Original Article	Gastroenterology	48	4	2021	https://doi.org/10.1007/s10396-021-01110-5
98	Gastric bronchogenic cyst: a rare congenital cystic lesion of the stomach	Takuya Kihara, Takaaki Sugihara, Suguru Ikeda, Yukako Matsuki, Takakazu Nagahara, Koichiro Kawaguchi, Hajime Isomoto	Image	Gastroenterology	49	1	2022	https://doi.org/10.1007/s10396-021-01171-6
99	Portal vein gas in a patient with acute cholangitis: report of a case with emphasis on B-flow imaging	Yoko Ohyama, Hiroko Naganuma, Hideaki Ishida, Takao Hoshino	Image	Gastroenterology	49	1	2022	https://doi.org/10.1007/s10396-021-01167-2
100	Isolated portal vein thrombus due to contraceptive low-dose estrogen progestin use	Motoko Kon, Hideaki Ishida, Yumiko Yamanaka, Takaharu Miyauchi, Hiroko Naganuma	Image	Gastroenterology	49	3	2022	https://doi.org/10.1007/s10396-022-01228-0
101	Vascular access management of hemodialysis patients at the bedside using point-of-care ultrasound	Atsushi Onoue, Takahiro Akiyama	Special feature article	Urology	49	4	2022	https://doi.org/10.1007/s10396-021-01161-8
102	Ultrasonography findings for the diagnosis of renal oncocytoma	Shengnan Zhao, Jiahong Shi, Ran Yang, Xiujuan Zhang, Wei Zhao, Zhixia Sun	Review Article	Urology	49	2	2022	https://doi.org/10.1007/s10396-021-01179-y
103	Effectiveness of a voiding evaluation technique using a diaper equipped with a urination-activated alarm system to assess bladder function and voiding patterns in infants	Jun Ajiki, Yasuyuki Naitoh, Yuta Inoue, Tsukasa Narukawa, Atsuko Fujihara, Fumiya Hongo, Osamu Ukimura	Original Article	Urology	49	4	2022	https://doi.org/10.1007/s10396-022-01251-1
104	Intraoperative ultrasound monitoring with superb microvascular imaging in focal cryotherapy for prostate cancer	Toru Matsugasumi, Tsuyoshi Iwata, Yasuhiro Yamada, Takumi Shiraishi, Atsuko Fujihara, Koji Okihara, Osamu Ukimura	Image	Urology	49	3	2022	https://doi.org/10.1007/s10396-022-01206-6
105	New modified technique of hydrogel spacer implantation for prostate cancer: a novel method for separation at the prostate apex level under real-time ultrasound guidance	Tsukasa Narukawa, Takumi Shiraishi, Norihiro Aibe, Atsuko Fujihara, Fumiya Hongo, Hideya Yamazaki, Osamu Ukimura	Image	Urology	49	4	2022	https://doi.org/10.1007/s10396-022-01254-y
106	Usefulness of intraoperative contrast-enhanced color Doppler ultrasonography for selective renal artery clamping in robot-assisted partial nephrectomy	Fumiya Hongo, Munehiro Ohashi, Takashi Ueda, Koji Okihara, Osamu Ukimura	Image	Urology	48	4	2021	https://doi.org/10.1007/s10396-021-01112-3
107	Point-of-care ultrasound for abdominal pain in obstetrics and gynecological diseases	Ayako Shibata	Special feature article	Obstetrics & Gynecology	49	4	2022	https://doi.org/10.1007/s10396-022-01218-2
108	Hypertensive disorders and maternal hemodynamic changes in pregnancy: monitoring by USCOM® device	Elisa Montaguti, Gaetana Di Donna, Aly Youssef, Gianluigi Pili	Review Article	Obstetrics & Gynecology	49	3	2022	https://doi.org/10.1007/s10396-022-01225-3
109	Measurement of fetal automated fractional shortening using two-dimensional tracking in multiple centers	Sumito Nagasaki, Masahiko Nakata, Mayumi Takano, Junya Sakuma, Ryuhei Nagai, Susumu Miyashita, Yuichiro Takahashi, Shigenori Iwagaki, Yuka Yamamoto, Mineto Morita	Original Article	Obstetrics & Gynecology	48	1	2021	https://doi.org/10.1007/s10396-020-01069-9
110	Measurement of fetal atrioventricular intervals in pregnant women with anti-SSA/Ro antibodies	Yayoi Matsubara, Daisuke Fujita, Noboru Inamura, Tomio Fujita	Original Article	Obstetrics & Gynecology	49	3	2022	https://doi.org/10.1007/s10396-022-01226-2

111	Ultrasonographic evaluation of pelvic floor structure at antepartum and postpartum periods using three-dimensional transperineal ultrasound	Manabu Nishibayashi, Ryugo Okagaki	Original Article	Obstetrics & Gynecology	48	3	2021	https://doi.org/10.1007/s10396-021-01100-7
112	A new approach for quantitative assessment of fetal general movements in the early second trimester of pregnancy using four-dimensional ultrasound	Eisuke Inubashiri, Sachiko Fujita, Shiho Shimakura, Megumi Kurasawa, Towa Yamamoto, Yukio Watanabe, Keizou Deguchi, Noriyuki Akutagawa, Katsumaru Kuroki, Nobuhiko Maeda	Original Article	Obstetrics & Gynecology	48	3	2021	https://doi.org/10.1007/s10396-021-01095-1
113	Association of amniotic fluid natriuretic peptide levels with ductus venosus Doppler flow in recipient twins with twin-to-twin transfusion syndrome	Mayumi Takano, Sumito Nagasaki, Junya Sakuma, Makiko Shimabukuro, Hikari Kotaki, Masahiko Nakata	Original Article	Obstetrics & Gynecology	49	4	2022	https://doi.org/10.1007/s10396-022-01241-3
114	A case of umbilical cord angiomyxoma with massive arteriovenous shunts diagnosed with HDlive Flow	Lan Zhang, Shuai Huang, Junnan Li, E. Gong, Xinmei Wang, Heqiu Li, Huan He	Image	Obstetrics & Gynecology	48	1	2021	https://doi.org/10.1007/s10396-020-01063-1
115	Velamentous cord insertion diagnosed based on an aberrant vessel floating in the amniotic fluid	Kunio Tanaka, Yohei Akiba, Kazunori Ueno, Kazumi Yakubo	Image	Obstetrics & Gynecology	49	1	2022	https://doi.org/10.1007/s10396-021-01156-5
116	Prenatal imaging of a fetus with the rare combination of Pfeiffer syndrome and hypoplastic left heart syndrome	Yuzo Kitadai, Nobuhiro Hidaka, Masahiro Sumie, Naoyuki Nakanami, Nobuhiko Kan, Yoichiro Serita, Kiyomi Tsukimori	Image	Obstetrics & Gynecology	49	4	2022	https://doi.org/10.1007/s10396-022-01249-9
117	The value of ultrasound imaging is not limited to advanced technology and skills	Maki Nakata	Letter to the Editor	Obstetrics & Gynecology	49	3	2022	https://doi.org/10.1007/s10396-022-01209-3
118	Reply for the value of ultrasound imaging is not limited to advanced technology and skills	Katsuhiko Naruse	Letter to the Editor	Obstetrics & Gynecology	49	3	2022	https://doi.org/10.1007/s10396-022-01213-7
119	Point-of-care ultrasound in the head and neck region	Madoka Furukawa, Kaori Hashimoto, Yuka Kitani, Manatsu Yoshida	Special feature article	Breast & Thyroid	49	4	2022	https://doi.org/10.1007/s10396-022-01266-8
120	Evaluating the usefulness of breast strain elastography for intraductal lesions	Yumi Kokubu, Keiko Yamada, Masahiko Tanabe, Ayumi Izumori, Chieko Kato, Rie Horii, Shinji Ohno, Kiyoshi Matsueda	Original Article	Breast & Thyroid	48	1	2021	https://doi.org/10.1007/s10396-020-01070-2
121	Effect of the size of benign thyroid degenerative nodules on ACR TI-RADS categories	Yan Yan, Fan Zhang, Huiyu Ge, Liying Miao, Lulu Zhang, Ying Xiong, Qiang Fu, Hao Liu	Original Article	Breast & Thyroid	49	1	2022	https://doi.org/10.1007/s10396-021-01163-6
122	B-mode ultrasound diagnostic flowchart for solid breast masses: JABTS BC-01 study	Takanori Watanabe, Takuhiro Yamaguchi, Eriko Tohno, Hiroko Tsunoda, Setsuko Kaoku, Kanako Ban, Ryoji Watanabe, Takeshi Umemoto, Koichi Hirokaga, Toshikazu Ito	Original Article	Breast & Thyroid	48	1	2021	https://doi.org/10.1007/s10396-020-01072-0
123	Can measuring perilesional tissue stiffness and stiff rim sign improve the diagnostic performance between benign and malignant breast lesions?	Wen-tao Kong, Yin Wang, Wei-jun Zhou, Yi-dan Zhang, Wen-ping Wang, Xiao-min Zhuang, Min Wu	Original Article	Breast & Thyroid	48	1	2021	https://doi.org/10.1007/s10396-020-01064-0
124	Evaluation of an MRI/US fusion technique for the detection of non-mass enhancement of breast lesions detected by MRI yet occult on conventional B-mode second-look US	Manami Goto, Shogo Nakano, Masayuki Saito, Hirona Banno, Yukie Ito, Mirai Ido, Takahito Ando, Junko Kousaka, Kimihito Fujii, Kojiro Suzuki	Original Article	Breast & Thyroid	49	2	2022	https://doi.org/10.1007/s10396-021-01175-2
125	The tumor-infiltrating lymphocyte ultrasonography score can provide a diagnostic prediction of a lymphocyte-predominant breast cancer preoperatively	Akiko Kanou, Norio Masumoto, Kayo Fukui, Michiya Yokozaki, Shinsuke Sasada, Akiko Emi, Takayuki Kadoya, Koji Arihiro, Morihito Okada	Original Article	Breast & Thyroid	49	4	2022	https://doi.org/10.1007/s10396-022-01240-4
126	Value of shear wave elastography during second-look breast ultrasonography for suspicious lesions on magnetic resonance imaging	Bo Mi Gil, Na Young Jung, Sung Hun Kim, Bong Joo Kang, Jeongmin Lee, Myung Hee Chung	Original Article	Breast & Thyroid	49	4	2022	https://doi.org/10.1007/s10396-022-01253-z
127	Ultrasonography and fine needle aspiration cytology of thyroid Langerhans cell histiocytosis lesions	Sayaka Yamamoto, Kei Konno, Harumi Koibuchi, Iekuni Oh, Nobuyuki Taniguchi	Image	Breast & Thyroid	48	1	2021	https://doi.org/10.1007/s10396-020-01066-y
128	Deep axillary lymphadenopathy after coronavirus disease 2019 vaccination: a case report	Mio Mori, Tomoyuki Fujioka, Yuka Yashima, Emi Yamaga, Tsuyoshi Nakagawa, Kazunori Kubota, Ukihide Tateishi	Image	Breast & Thyroid	49	1	2022	https://doi.org/10.1007/s10396-021-01149-4
129	A case of metaplastic breast carcinoma with cartilaginous differentiation: comparison with the histology and tissue characterizations of an ultrasound image	Fuyo Kimura, Atsuo Kawamoto, Eiichi Sato, Kyoko Orimoto, Kana Miyahara, Takahiko Kawate, Takashi Ishikawa	Image	Breast & Thyroid	49	2	2022	https://doi.org/10.1007/s10396-021-01182-3
130	Reply to the comments on our article on the effect of the size of benign thyroid degenerative nodules on ACR TI-RADS categories	Yan Yan, Fan Zhang, Huiyu Ge	Letter to the Editor	Breast & Thyroid	49	3	2022	https://doi.org/10.1007/s10396-022-01232-4
131	Comments on "Effect of the size of benign thyroid degenerative nodules on ACR TI-RADS categories"	Qing-xiu Huang, Xiao-wen Huang	Letter to the Editor	Breast & Thyroid	49	3	2022	https://doi.org/10.1007/s10396-022-01214-6
132	Point-of-care ultrasound in musculoskeletal field	Yuko Nakashima, Toru Sunagawa, Rikuo Shinomiya, Akira Kodama, Nobuo Adachi	Special feature article	Orthopedics	49	4	2022	https://doi.org/10.1007/s10396-022-01252-0
133	Clinical utility of ultrasonography imaging in musculoskeletal conditions: A Systematic review and Meta-analysis	Summaiya Zareen Shaikh, Dabholkar Tejashree, Dabholkar Ajit	Review Article	Orthopedics	48	3	2021	https://doi.org/10.1007/s10396-021-01104-3

134	Reliability of shoulder muscle stiffness measurement using strain ultrasound elastography and an acoustic coupler	Daisuke Shimoyama, Hitoshi Shitara, Noritaka Hamano, Tsuyoshi Ichinose, Tsuyoshi Sasaki, Atsushi Yamamoto, Tsutomu Kobayashi, Tsuyoshi Tajika, Kenji Takagishi, Hiroataka Chikuda	Original Article	Orthopedics	48	1	2021	https://doi.org/10.1007/s10396-020-01056-0
135	Time-course changes in active stiffness of the supraspinatus muscle after arthroscopic rotator cuff repair	Yoshinari Sakaki, Keigo Taniguchi, Fumiko Sato, Naoki Oikawa, Masaki Katayose, Hideji Kura, Kenji Okamura	Original Article	Orthopedics	49	1	2022	https://doi.org/10.1007/s10396-021-01168-1
136	Sonographic evaluation of the abductor pollicis brevis muscle reflects muscle strength recovery after carpal tunnel release	Katsunori Ohno, Keitaro Fujino, Kenta Fujiwara, Atsushi Yokota, Masashi Neo	Original Article	Orthopedics	49	2	2022	https://doi.org/10.1007/s10396-022-01195-6
137	Usefulness of ultrasound in diagnosing long head of the biceps tendon malposition in patients with rotator cuff tears	Yoshiko Fujiwara, Syuichi Yamamoto, Yumi Kato, Shimpei Kurata, Shuhei Fujii, Kazuya Inoue, Takashi Inoue, Takamitsu Mondori, Yoshiyuki Nakagawa, Yasuhito Tanaka	Original Article	Orthopedics	49	2	2022	https://doi.org/10.1007/s10396-022-01200-y
138	Effect of introducing ultrasonography in medical examinations for elbow injuries among young baseball players	Yasushi Takata, Junsuke Nakase, Masahiro Kosaka, Kengo Shimozaki, Hideto Fujii, Takeshi Nunotani, Hiroyuki Tsuchiya	Original Article	Orthopedics	49	3	2022	https://doi.org/10.1007/s10396-022-01221-7
139	Positive rate and prognostic significance of the superb microvascular imaging signal in joints of rheumatoid arthritis patients in remission with normal C-reactive protein levels and erythrocyte sedimentation rates	Hidemasa Matsuo, Yuya Tabuchi, Risako Yukimatsu, Akari Imamura, Madoka Shimizu, Maiko Inagaki, Yuko Tsuji, Shuichiro Nakabo, Hideaki Tsuji, Toshiki Nakajima, Motomu Hashimoto, Hiromu Ito, Akio Morinobu, Yasutomo Fujii	Original Article	Orthopedics	48	3	2021	https://doi.org/10.1007/s10396-021-01102-5
140	Ultrasonography: an interesting imaging method for ligament assessment during the acute phase of closed elbow injuries	Romain Bilger, Pierre Laumonerie, Hugo Barret, Franck Lapègue, Pierre Mansat, Nicolas Sans, Marie Faruch-Bilfeld	Original Article	Orthopedics	49	4	2022	https://doi.org/10.1007/s10396-022-01246-y
141	Association between medial meniscus extrusion under weight-bearing condition and pain in early-stage knee osteoarthritis	Yosuke Ishii, Masakazu Ishikawa, Yuko Nakashima, Seiju Hayashi, Munekazu Kanemitsu, Hiroshi Kurumadani, Shota Date, Akio Ueda, Toru Sunagawa, Nobuo Adachi	Original Article	Orthopedics	48	4	2021	https://doi.org/10.1007/s10396-021-01109-y
142	Dynamic response of medial meniscus extrusion to the lateral wedge insole is correlated with immediate pain reduction in knee osteoarthritis patients: real-time ultrasonographic study	Yosuke Ishii, Masakazu Ishikawa, Yuko Nakashima, Makoto Takahashi, Yoshitaka Iwamoto, Kaoru Okada, Kazuya Takagi, Toru Sunagawa, Nobuo Adachi	Original Article	Orthopedics	49	4	2022	https://doi.org/10.1007/s10396-022-01234-2
143	Ultrasound and biopsy findings in arthritis with familial Mediterranean fever	Yutaro Yamada, Kentaro Inui, Tadashi Okano, Koji Mandai, Ryuta Nishikomori, Hiroaki Nakamura, Daisuke Tsuruta	Image	Orthopedics	49	1	2022	https://doi.org/10.1007/s10396-021-01157-4
144	Comments on "Clinical utility of ultrasonography imaging in musculoskeletal conditions: A Systematic review and Meta-analysis"	Ke-Vin Chang, Wei-Ting Wu	Letter to the Editor	Orthopedics	49	1	2022	https://doi.org/10.1007/s10396-021-01125-y
145	Clinical utility of ultrasonography imaging in musculoskeletal conditions: a systematic review and meta-analysis. (Response to letter to editor)	Summaiya Zareen Shaikh, Tejashree Dabholkar, Ajit Dabholkar, Anant Patil, Uroosa Naireen Shaikh	Letter to the Editor	Orthopedics	49	1	2022	https://doi.org/10.1007/s10396-021-01173-4
146	Reply to the comments on our article comparison of radial extracorporeal shockwave therapy with ultrasound therapy in patients with lateral epicondylitis	Vasileios Dedes, Konstantinos Tzirogiannis, Maria Polikandrioti, Ariadni Maria Dede, Athanasios Mitseas, Georgios I. Panoutsopoulos	Letter to the Editor	Orthopedics	48	3	2021	https://doi.org/10.1007/s10396-021-01092-4
147	Comments on the article comparing radial extracorporeal shockwave therapy with ultrasound therapy in patients with lateral epicondylitis	Dimitrios Stasinopoulos	Letter to the Editor	Orthopedics	48	3	2021	https://doi.org/10.1007/s10396-021-01087-1
148	Point-of-care ultrasound for children	Ko Ichihashi, Kazuhito Nonaka	Special feature article	Pediatrics	49	4	2022	https://doi.org/10.1007/s10396-021-01169-0
149	Role of ultrasound in follow-up after choledochal cyst surgery	Takahiro Hosokawa, Mayumi Hosokawa, Saki Shibuki, Yutaka Tanami, Yumiko Sato, Tetsuya Ishimaru, Hiroshi Kawashima, Eiji Oguma	Review Article	Pediatrics	48	1	2021	https://doi.org/10.1007/s10396-020-01073-z
150	Implementation and assessment of a pediatric point-of-care ultrasound training course in Japan: a pilot study	Takaaki Mori, Osamu Nomura, Hirokazu Takei, Shinichi Fukuhara, Ko Ichihashi	Original Article	Pediatrics	49	1	2022	https://doi.org/10.1007/s10396-021-01155-6
151	The diagnostic accuracy of ultrasound and upper gastrointestinal contrast studies for locating atresia/stenosis and intestinal malrotation and detecting annular pancreas in pediatric patients with duodenal atresia/stenosis	Takahiro Hosokawa, Yutaka Tanami, Yumiko Sato, Tetsuya Ishimaru, Hiroshi Kawashima, Eiji Oguma	Original Article	Pediatrics	49	2	2022	https://doi.org/10.1007/s10396-021-01176-1
152	Prenatal diagnosis of isolated retroaortic innominate vein with a left aortic arch	Masayoshi Mori, Yoichiro Ishii, Futoshi Kayatani	Image	Pediatrics	48	4	2021	https://doi.org/10.1007/s10396-021-01121-2
153	Trans thoracic three-dimensional echocardiography is useful to reveal the parachute-like asymmetric mitral valve	Naka Saito, Hideaki Ueda, Yasuhiro Ichikawa	Image	Pediatrics	49	4	2022	https://doi.org/10.1007/s10396-022-01245-z

154	Point-of-care ultrasound for stroke patients in the emergency room	Hidehiro Takekawa, Daisuke Tsukui, Saro Kobayasi, Keisuke Suzuki, Hirotooshi Hamaguchi	Special feature article	Vessels	49	4	2022	https://doi.org/10.1007/s10396-021-01185-0
155	Use of aortic point-of-care ultrasound in conventional and emergent echocardiography	Kazuhiro Nishigami	Special feature article	Vessels	49	4	2022	https://doi.org/10.1007/s10396-021-01151-w
156	Ultrasound diagnosis of carotid artery stenosis and occlusion	Hidehiro Takekawa, Daisuke Tsukui, Saro Kobayasi, Keisuke Suzuki, Hirotooshi Hamaguchi	Review Article	Vessels	49	4	2022	https://doi.org/10.1007/s10396-022-01259-7
157	Effectiveness of pulsatility index of carotid Doppler ultrasonography to predict cardiovascular events	Yasuhiro Hitomi, Nobuyuki Masaki, Yuki Ishinoda, Kazuki Kagami, Risako Yasuda, Takumi Toya, Takayuki Namba, Yuji Nagatomo, Bonpei Takase, Takeshi Adachi	Original Article	Vessels	49	1	2022	https://doi.org/10.1007/s10396-021-01164-5
158	Soleal vein diameter is associated with a risk for developing deep vein thrombosis in patients with acute stroke	Kaima Soga, Takahiro Shimizu, Yuta Hagiwara, Hana Ogura, Hisanao Akiyama, Junji Yamauchi, Tomoo Sato, Kazuhiko Hanzawa, Yasuhiro Hasegawa, Yoshihisa Yamano	Original Article	Vessels	48	1	2021	https://doi.org/10.1007/s10396-020-01075-x
159	Ultrasound-guided internal jugular venipuncture using pocket-sized versus standard ultrasound devices: a prospective non-inferiority trial	Kenji Yamamoto, Yasuyoshi Inagaki, Chihiro Iwata, Masahiro Tada, Kazuyoshi Tateoka, Tomoki Sasakawa	Original Article	Vessels	48	4	2021	https://doi.org/10.1007/s10396-021-01118-x
160	The significance of ultrasonic characteristics in adventitial cystic disease	Nozomi Kawanami, Tsuyoshi Yoshimuta, Takako Minami, Satoshi Ikeda, Hiroaki Kawano, Koji Maemura, Kiyoyuki Eishi	Image	Vessels	49	3	2022	https://doi.org/10.1007/s10396-022-01215-5
161	Point-of-care lung ultrasound for the assessment of pneumonia: a narrative review in the COVID-19 era	Toru Kameda, Yoshihiro Mizuma, Hayato Taniguchi, Masato Fujita, Nobuyuki Taniguchi	Review Article	Respirology	48	1	2021	https://doi.org/10.1007/s10396-020-01074-y
162	Comparison of lung ultrasonography findings with chest computed tomography results in coronavirus (COVID-19) pneumonia	Korgün Ökmen, Durdu Kahraman Yıldız, Emel Soyaslan	Original Article	Respirology	48	2	2021	https://doi.org/10.1007/s10396-021-01081-7
163	Ultrasonography in undergraduate medical education: a comprehensive review and the education program implemented at Jichi Medical University	Toru Kameda, Nobuyuki Taniguchi, Kei Konno, Harumi Koibuchi, Kiyoka Omoto, Kouichi Itoh	Review Article	Miscellaneous area	49	2	2022	https://doi.org/10.1007/s10396-021-01178-z
164	Assessment of the risk of disease transmission during fine-needle aspiration cytology under ultrasound guidance by visualization of droplet and aerosol formation	Kei Konno, Harumi Koibuchi, Sayaka Yamamoto, Yamato Tada, Toru Kameda, Nobuyuki Taniguchi	Original Article	Miscellaneous area	49	3	2022	https://doi.org/10.1007/s10396-022-01220-8
165	Solitary fibrous tumor of the upper eyelid with unique ultrasound images	Takayuki Suyama, Megumi Yokoyama, Tokihiro Nishimura, Kazumoto Katagiri	Image	Miscellaneous area	49	3	2022	https://doi.org/10.1007/s10396-022-01217-3