

Su Hyun Lee

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,382
citations

361045

20
h-index

377514

34
g-index

64
all docs

64
docs citations

64
times ranked

1631
citing authors

#	ARTICLE	IF	CITATIONS
1	Differentiation of benign from malignant solid breast masses: comparison of two-dimensional and three-dimensional shear-wave elastography. <i>European Radiology</i> , 2013, 23, 1015-1026.	2.3	106
2	Added Value of Shear-Wave Elastography for Evaluation of Breast Masses Detected with Screening US Imaging. <i>Radiology</i> , 2014, 273, 61-69.	3.6	105
3	Two-stage microfluidic chip for selective isolation of circulating tumor cells (CTCs). <i>Biosensors and Bioelectronics</i> , 2015, 67, 86-92.	5.3	83
4	Practice guideline for the performance of breast ultrasound elastography. <i>Ultrasonography</i> , 2014, 33, 3-10.	1.0	79
5	Effects of dexmedetomidine on oxygenation and lung mechanics in patients with moderate chronic obstructive pulmonary disease undergoing lung cancer surgery. <i>European Journal of Anaesthesiology</i> , 2016, 33, 275-282.	0.7	60
6	Predicting Axillary Response to Neoadjuvant Chemotherapy: Breast MRI and US in Patients with Node-Positive Breast Cancer. <i>Radiology</i> , 2019, 293, 49-57.	3.6	60
7	Two-View versus Single-View Shear-Wave Elastography: Comparison of Observer Performance in Differentiating Benign from Malignant Breast Masses. <i>Radiology</i> , 2014, 270, 344-353.	3.6	53
8	Evaluation of Screening US-detected Breast Masses by Combined Use of Elastography and Color Doppler US with B-Mode US in Women with Dense Breasts: A Multicenter Prospective Study. <i>Radiology</i> , 2017, 285, 660-669.	3.6	52
9	Dynamic Contrast-enhanced Breast MRI for Evaluating Residual Tumor Size after Neoadjuvant Chemotherapy. <i>Radiology</i> , 2018, 289, 327-334.	3.6	52
10	Intraoperative Dexmedetomidine Improves the Quality of Recovery and Postoperative Pulmonary Function in Patients Undergoing Video-assisted Thoracoscopic Surgery. <i>Medicine (United States)</i> , 2016, 95, e2854.	0.4	45
11	Factors Affecting Pathologic Complete Response Following Neoadjuvant Chemotherapy in Breast Cancer: Development and Validation of a Predictive Nomogram. <i>Radiology</i> , 2021, 299, 290-300.	3.6	44
12	Tumor growth rate of invasive breast cancers during wait times for surgery assessed by ultrasonography. <i>Medicine (United States)</i> , 2016, 95, e4874.	0.4	42
13	Diffusion-Weighted Magnetic Resonance Imaging of the Breast: Standardization of Image Acquisition and Interpretation. <i>Korean Journal of Radiology</i> , 2021, 22, 9.	1.5	33
14	Prediction of invasive breast cancer using shear-wave elastography in patients with biopsy-confirmed ductal carcinoma in situ. <i>European Radiology</i> , 2017, 27, 7-15.	2.3	31
15	Contrast-enhanced MRI after neoadjuvant chemotherapy of breast cancer: lesion-to-background parenchymal signal enhancement ratio for discriminating pathological complete response from minimal residual tumour. <i>European Radiology</i> , 2018, 28, 2986-2995.	2.3	31
16	Time-to-enhancement at ultrafast breast DCE-MRI: potential imaging biomarker of tumour aggressiveness. <i>European Radiology</i> , 2020, 30, 4058-4068.	2.3	30
17	Diagnostic performance of tomosynthesis and breast ultrasonography in women with dense breasts: a prospective comparison study. <i>Breast Cancer Research and Treatment</i> , 2017, 162, 85-94.	1.1	29
18	Shear-Wave Elastography for the Detection of Residual Breast Cancer After Neoadjuvant Chemotherapy. <i>Annals of Surgical Oncology</i> , 2015, 22, 376-384.	0.7	25

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19	Undiagnosed Breast Cancer: Features at Supplemental Screening US. <i>Radiology</i> , 2015, 277, 372-380.	3.6	24
20	The N-terminal cysteine is a dual sensor of oxygen and oxidative stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	24
21	Comparison of Ultrasound Elastography and Color Doppler Ultrasonography for Distinguishing Small Triple-negative Breast Cancer From Fibroadenoma. <i>Journal of Ultrasound in Medicine</i> , 2018, 37, 2135-2146.	0.8	22
22	Ultrafast Dynamic Contrast-Enhanced Breast MRI: Lesion Conspicuity and Size Assessment according to Background Parenchymal Enhancement. <i>Korean Journal of Radiology</i> , 2020, 21, 561.	1.5	19
23	Addition of Digital Breast Tomosynthesis to Full-Field Digital Mammography in the Diagnostic Setting: Additional Value and Cancer Detectability. <i>Journal of Breast Cancer</i> , 2016, 19, 438.	0.8	18
24	US Evaluation of Axillary Lymphadenopathy Following COVID-19 Vaccination: A Prospective Longitudinal Study. <i>Radiology</i> , 2022, 305, 46-53.	3.6	18
25	Supplemental Screening Breast US in Women with Negative Mammographic Findings: Effect of Routine Axillary Scanning. <i>Radiology</i> , 2018, 286, 830-837.	3.6	16
26	Imaging features of breast cancers on digital breast tomosynthesis according to molecular subtype: association with breast cancer detection. <i>British Journal of Radiology</i> , 2017, 90, 20170470.	1.0	15
27	Microcalcifications and Peritumoral Edema Predict Survival Outcome in Luminal Breast Cancer Treated with Neoadjuvant Chemotherapy. <i>Radiology</i> , 2022, 304, 310-319.	3.6	15
28	Automated Breast Ultrasound System for Breast Cancer Evaluation: Diagnostic Performance of the Two-View Scan Technique in Women with Small Breasts. <i>Korean Journal of Radiology</i> , 2020, 21, 25.	1.5	14
29	p62/SQSTM1-induced caspase-8 aggresomes are essential for ionizing radiation-mediated apoptosis. <i>Cell Death and Disease</i> , 2021, 12, 997.	2.7	14
30	Effects of Inhaled Iloprost on Lung Mechanics and Myocardial Function During One-Lung Ventilation in Chronic Obstructive Pulmonary Disease Patients Combined With Poor Lung Oxygenation. <i>Anesthesia and Analgesia</i> , 2020, 130, 1407-1414.	1.1	13
31	Supplemental Breast US Screening in Women with a Personal History of Breast Cancer: A Matched Cohort Study. <i>Radiology</i> , 2020, 295, 54-63.	3.6	13
32	Effects of intraoperative inhaled iloprost on primary graft dysfunction after lung transplantation. <i>Medicine (United States)</i> , 2016, 95, e3975.	0.4	12
33	Diffusion-weighted MRI at 3.0 T for detection of occult disease in the contralateral breast in women with newly diagnosed breast cancer. <i>Breast Cancer Research and Treatment</i> , 2020, 182, 283-297.	1.1	12
34	Features of Undiagnosed Breast Cancers at Screening Breast MR Imaging and Potential Utility of Computer-Aided Evaluation. <i>Korean Journal of Radiology</i> , 2016, 17, 59.	1.5	11
35	Comparison of Abbreviated MRI and Full Diagnostic MRI in Distinguishing between Benign and Malignant Lesions Detected by Breast MRI: A Multireader Study. <i>Korean Journal of Radiology</i> , 2021, 22, 297.	1.5	11
36	Stress-induced cardiomyopathy after negative pressure pulmonary edema during emergence from anesthesia -A case report-. <i>Korean Journal of Anesthesiology</i> , 2012, 62, 79.	0.9	10

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37	Association between partial-volume corrected SUVmax and Oncotype DX recurrence score in early-stage, ER-positive/HER2-negative invasive breast cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 1574-1584.	3.3	10
38	Glandular Tissue Component and Breast Cancer Risk in Mammographically Dense Breasts at Screening Breast US. <i>Radiology</i> , 2021, 301, 57-65.	3.6	10
39	Diffusion-weighted Breast MRI in Prediction of Upstaging in Women with Biopsy-proven Ductal Carcinoma in Situ. <i>Radiology</i> , 2022, 305, 307-316.	3.6	10
40	Construction of a 3D mammary duct based on spatial localization of the extracellular matrix. <i>NPG Asia Materials</i> , 2018, 10, 970-981.	3.8	9
41	Diffusion-Weighted Magnetic Resonance Imaging for Breast Cancer Screening in High-Risk Women: Design and Imaging Protocol of a Prospective Multicenter Study in Korea. <i>Journal of Breast Cancer</i> , 2021, 24, 218.	0.8	8
42	Noncontrast-Enhanced MR-Based Conductivity Imaging for Breast Cancer Detection and Lesion Differentiation. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 631-645.	1.9	8
43	Prediction of fluid responsiveness in the beach chair position using dynamic preload indices. <i>Journal of Clinical Monitoring and Computing</i> , 2016, 30, 995-1002.	0.7	7
44	Oncologist Perspectives on Rare Cancer Care: A Nationwide Survey. <i>Cancer Research and Treatment</i> , 2015, 47, 591-599.	1.3	7
45	Income Disparities in the Use of Health Screening Services Among University Students in Korea. <i>Medicine (United States)</i> , 2016, 95, e3681.	0.4	6
46	Detection of Contralateral Breast Cancer Using Diffusion-Weighted Magnetic Resonance Imaging in Women with Newly Diagnosed Breast Cancer: Comparison with Combined Mammography and Whole-Breast Ultrasound. <i>Korean Journal of Radiology</i> , 2021, 22, 867.	1.5	6
47	Added value of ultrafast sequence in abbreviated breast MRI surveillance in women with a personal history of breast cancer: A multireader study. <i>European Journal of Radiology</i> , 2022, 151, 110322.	1.2	6
48	Glandular Tissue Component on Breast Ultrasound in Dense Breasts: A New Imaging Biomarker for Breast Cancer Risk. <i>Korean Journal of Radiology</i> , 2022, 23, 574.	1.5	6
49	Automated breast US as the primary screening test for breast cancer among East Asian women aged 40-49 years: a multicenter prospective study. <i>European Radiology</i> , 2021, 31, 7771-7782.	2.3	5
50	Inflammatory Myofibroblastic Tumor: a Possible Complication of Percutaneous Radiofrequency Ablation for Hepatocellular Carcinoma. <i>Korean Journal of Radiology</i> , 2009, 10, 635.	1.5	4
51	Effects of Positive End-Expiratory Pressure on Pulmonary Oxygenation and Biventricular Function during One-Lung Ventilation: A Randomized Crossover Study. <i>Journal of Clinical Medicine</i> , 2019, 8, 740.	1.0	4
52	Echocardiographic evaluation of pulmonary venous blood flow and cardiac function changes during one-lung ventilation. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 13099-108.	1.3	4
53	Detection of axillary lymph node recurrence in patients with personal history of breast cancer treated with sentinel lymph node biopsy (SLNB): results of postoperative combined ultrasound and mammography screening over five consecutive years. <i>Acta Radiologica</i> , 2019, 60, 852-858.	0.5	3
54	Dynamics of heart rate variability in patients with type 2 diabetes mellitus during spinal anaesthesia: prospective observational study. <i>BMC Anesthesiology</i> , 2015, 15, 141.	0.7	2

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55	Utility and Diagnostic Performance of Automated Breast Ultrasound System in Evaluating Pure Non-Mass Enhancement on Breast Magnetic Resonance Imaging. Korean Journal of Radiology, 2020, 21, 1210.	1.5	2
56	Analyses of the Frequency and the Indications of Succinylcholine in General Inhalation Anesthesia. Daehan Macwi'gwa Haghoeji, 2007, 52, 392.	0.2	1
57	Two-View versus Single-View Shear-Wave Elastography: Comparison of Observer Performance in Differentiating Benign from Malignant Breast Masses. Radiology, 2013, , 130561.	3.6	1
58	Use of Abbreviated Magnetic Resonance Imaging in Breast Cancer Screening. Journal of the Korean Society of Radiology, 2019, 80, 47.	0.1	0
59	Diffusion-Weighted Imaging as a Stand-Alone Breast Imaging Modality. Journal of the Korean Society of Radiology, 2021, 82, 29.	0.1	0
60	Shear-wave elastography in detection of residual breast cancer after neoadjuvant chemotherapy.. Journal of Clinical Oncology, 2014, 32, 102-102.	0.8	0
61	In Response. Anesthesia and Analgesia, 2020, 131, e165-e166.	1.1	0