

# Huadan Xue

## List of Publications by Year in descending order

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75  
papers

1,045  
citations

430874

18  
h-index

477307

29  
g-index

76  
all docs

76  
docs citations

76  
times ranked

1799  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nuclear and Fluorescent Labeled PD-1-Liposome-DOX- <sup>64</sup> Cu/IRDye800CW Allows Improved Breast Tumor Targeted Imaging and Therapy. <i>Molecular Pharmaceutics</i> , 2017, 14, 3978-3986.	4.6	66
2	Serial Circulating Tumor DNA in Predicting and Monitoring the Effect of Neoadjuvant Chemoradiotherapy in Patients with Rectal Cancer: A Prospective Multicenter Study. <i>Clinical Cancer Research</i> , 2021, 27, 301-310.	7.0	65
3	Liposomal nanohybrid cerasomes targeted to PD-L1 enable dual-modality imaging and improve antitumor treatments. <i>Cancer Letters</i> , 2018, 414, 230-238.	7.2	63
4	Histogram analysis of apparent diffusion coefficient for the assessment of local aggressiveness of cervical cancer. <i>Archives of Gynecology and Obstetrics</i> , 2014, 290, 341-348.	1.7	62
5	Sex disparities in clinical characteristics and prognosis of immunoglobulin G4-related disease: a prospective study of 403 patients. <i>Rheumatology</i> , 2019, 58, 820-830.	1.9	57
6	Comparison of biparametric and multiparametric MRI in the diagnosis of prostate cancer. <i>Cancer Imaging</i> , 2019, 19, 90.	2.8	50
7	Multiparametric MRI-Based Radiomics for Prostate Cancer Screening With PSA in 4–10 ng/mL to Reduce Unnecessary Biopsies. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1890-1899.	3.4	50
8	TBX6 compound inheritance leads to congenital vertebral malformations in humans and mice. <i>Human Molecular Genetics</i> , 2019, 28, 539-547.	2.9	46
9	Progress and prospect on imaging diagnosis of COVID-19. <i>Chinese Journal of Academic Radiology</i> , 2020, 3, 4-13.	0.6	46
10	Prospective comparison of biphasic contrast-enhanced CT, volume perfusion CT, and 3 Tesla MRI with diffusion-weighted imaging for insulinoma detection. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 1648-1655.	3.4	32
11	Modified breath-hold compressed-sensing 3D MR cholangiopancreatography with a small field-of-view and high resolution acquisition: Clinical feasibility in biliary and pancreatic disorders. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 1389-1399.	3.4	27
12	Distinguishing pancreatic cancer and autoimmune pancreatitis with in vivo tomoelastography. <i>European Radiology</i> , 2021, 31, 3366-3374.	4.5	27
13	Comparison and evaluation of the efficacy of compressed SENSE (CS) and gradient-and spin-echo (GRASE) in breath-hold (BH) magnetic resonance cholangiopancreatography (MRCP). <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 824-832.	3.4	25
14	Microsurgery guided by sequential preoperative lymphography using <sup>68</sup> Ga-NEB PET and MRI in patients with lower-limb lymphedema. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 1501-1510.	6.4	23
15	Incorporating MRI structural information into bioluminescence tomography: system, heterogeneous reconstruction and in vivo quantification. <i>Biomedical Optics Express</i> , 2014, 5, 1861.	2.9	22
16	PD-1 blockade in combination with zoledronic acid to enhance the antitumor efficacy in the breast cancer mouse model. <i>BMC Cancer</i> , 2018, 18, 669.	2.6	20
17	Insulinoma Detection With MDCT: Is There a Role for Whole-Pancreas Perfusion?. <i>American Journal of Roentgenology</i> , 2017, 208, 306-314.	2.2	19
18	Improved resection and prolonged overall survival with PD-1-IRDye800CW fluorescence probe-guided surgery and PD-1 adjuvant immunotherapy in 4T1 mouse model. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 8337-8351.	6.7	19

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19	Baseline bone marrow ADC value of diffusion-weighted MRI: a potential independent predictor for progression and death in patients with newly diagnosed multiple myeloma. <i>European Radiology</i> , 2021, 31, 1843-1852.	4.5	19
20	Differences and similarities between IgG4-related disease with and without dacryoadenitis and sialoadenitis: clinical manifestations and treatment efficacy. <i>Arthritis Research and Therapy</i> , 2019, 21, 44.	3.5	18
21	Combination Immunotherapy with Cytotoxic T-Lymphocyte-Associated Antigen-4 and Programmed Death Protein-1 Inhibitors Prevents Postoperative Breast Tumor Recurrence and Metastasis. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 802-811.	4.1	18
22	Human and mouse studies establish TBX6 in Mendelian CAKUT and as a potential driver of kidney defects associated with the 16p11.2 microdeletion syndrome. <i>Kidney International</i> , 2020, 98, 1020-1030.	5.2	17
23	$M$  Net: A multi-scale multi-view framework for multi-phase pancreas segmentation based on cross-phase non-local attention. <i>Medical Image Analysis</i> , 2022, 75, 102232.	11.6	17
24	Coexpression of EGFR and CXCR4 Predicts Poor Prognosis in Resected Pancreatic Ductal Adenocarcinoma. <i>PLoS ONE</i> , 2015, 10, e0116803.	2.5	15
25	Feasibility of Low-Dose Contrast Medium High Pitch CT Angiography for the Combined Evaluation of Coronary, Head and Neck Arteries. <i>PLoS ONE</i> , 2014, 9, e90268.	2.5	14
26	Prediction of Early Treatment Response in Multiple Myeloma Using MY-RADS Total Burden Score, ADC, and Fat Fraction From Whole-Body MRI: Impact of Anemia on Predictive Performance. <i>American Journal of Roentgenology</i> , 2022, 218, 310-319.	2.2	14
27	Optical magnetic multimodality imaging of plectin-1-targeted imaging agent for the precise detection of orthotopic pancreatic ductal adenocarcinoma in mice. <i>EBioMedicine</i> , 2022, 80, 104040.	6.1	14
28	Identifying clinical subgroups in IgG4-related disease patients using cluster analysis and IgG4-RD composite score. <i>Arthritis Research and Therapy</i> , 2020, 22, 7.	3.5	13
29	Combined use of iterative reconstruction and monochromatic imaging in spinal fusion CT images. <i>Acta Radiologica</i> , 2017, 58, 62-69.	1.1	12
30	Head and neck angiography at 70 kVp with a third-generation dual-source CT system in patients: comparison with 100 kVp. <i>Neuroradiology</i> , 2017, 59, 1071-1081.	2.2	12
31	CT texture analysis predicts abdominal aortic aneurysm post-endovascular aortic aneurysm repair progression. <i>Scientific Reports</i> , 2020, 10, 12268.	3.3	12
32	Prospective Comparison of Reduced Field-of-View (rFOV) and Full FOV (fFOV) Diffusion-Weighted Imaging (DWI) in the Assessment of Insulinoma: Image Quality and Lesion Detection. <i>Academic Radiology</i> , 2020, 27, 1572-1579.	2.5	10
33	Comparison of image quality and lesion diagnosis in abdominopelvic unenhanced CT between reduced-dose CT using deep learning post-processing and standard-dose CT using iterative reconstruction: A prospective study. <i>European Journal of Radiology</i> , 2021, 139, 109735.	2.6	10
34	Diagnosis and treatment of hepatic angiomyolipoma. <i>Hepatobiliary Surgery and Nutrition</i> , 2012, 1, 19-24.	1.5	10
35	Native T1 mapping of autoimmune pancreatitis as a quantitative outcome surrogate. <i>European Radiology</i> , 2019, 29, 4436-4446.	4.5	8
36	Spectrum of IgG4-related disease on multi-detector CT: a 5-year study of a single medical center data. <i>Abdominal Imaging</i> , 2015, 40, 3104-3116.	2.0	6

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37	A deep learning algorithm to improve readers'™ interpretation and speed of pancreatic cystic lesions on dual-phase enhanced CT. <i>Abdominal Radiology</i> , 2022, , 1.	2.1	6
38	Initial Clinical Experience of Virtual Monoenergetic Imaging Improves Stent Visualization in Lower Extremity Run-Off CT Angiography by Dual-Layer Spectral Detector CT. <i>Academic Radiology</i> , 2020, 27, 825-832.	2.5	5
39	Optimization of Simultaneous Multislice, Readout-Segmented Echo Planar Imaging for Accelerated Diffusion-Weighted Imaging of the Head and Neck: A Preliminary Study. <i>Academic Radiology</i> , 2020, 27, e245-e253.	2.5	5
40	Feasibility evaluation of amide proton transfer-weighted imaging in the parotid glands: a strategy to recognize artifacts and measure APT value. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 2279-2291.	2.0	5
41	Laparoscopic resection of large retrorectal developmental cysts in adults: Single-centre experiences of 20 cases. <i>Journal of Minimal Access Surgery</i> , 2020, 16, 152.	0.7	5
42	Clinical effectiveness of contrast medium injection protocols for 80-kV coronary and craniocervical CT angiography—a prospective multicenter observational study. <i>European Radiology</i> , 2022, 32, 3808-3818.	4.5	5
43	The image variations in mastoid segment of facial nerve and sinus tympani in congenital aural atresia by HRCT and 3D VR CT. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2015, 79, 1412-1417.	1.0	4
44	Weight-adapted ultra-low-dose pancreatic perfusion CT: radiation dose, image quality, and perfusion parameters. <i>Abdominal Radiology</i> , 2019, 44, 2196-2204.	2.1	4
45	CT-based radiomics model for preoperative prediction of hepatic encephalopathy after transjugular intrahepatic portosystemic shunt. <i>British Journal of Radiology</i> , 2022, 95, 20210792.	2.2	4
46	Diffuse Involvement of Pancreas is not Always Autoimmune Pancreatitis. <i>Academic Radiology</i> , 2022, 29, 1523-1531.	2.5	4
47	A novel approach to monitoring the efficacy of anti-tumor treatments in animal models: combining functional MRI and texture analysis. <i>BMC Cancer</i> , 2018, 18, 833.	2.6	3
48	Application of integrated positron emission tomography/magnetic resonance imaging in evaluating the prognostic factors of head and neck squamous cell carcinoma with positron emission tomography, diffusion-weighted imaging, dynamic contrast enhancement and combined model. <i>Dentomaxillofacial Radiology</i> , 2020, 49, 20190488.	2.7	3
49	DWI of Autoimmune Pancreatitis: Is It an Imaging Biomarker for Disease Activity?. <i>American Journal of Roentgenology</i> , 2021, 216, 1240-1246.	2.2	3
50	Bone Marrow Imaging by Third-generation Dual-source Dual-energy CT Using Virtual Noncalcium Technique for Assessment of Diffuse Infiltrative Lesions of Multiple Myeloma. <i>Zhongguo Yi Xue Ke Xue Yuan Xue Bao Acta Academiae Medicinae Sinicae</i> , 2017, 39, 114-119.	0.2	3
51	Using amide proton transfer-weighted MRI to non-invasively differentiate mismatch repair deficient and proficient tumors in endometrioid endometrial adenocarcinoma. <i>Insights Into Imaging</i> , 2021, 12, 182.	3.4	3
52	Blood supply of the male breast nipple-areola complex evaluated by CTA. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2021, 74, 2588-2595.	1.0	2
53	Tumor Volume Predicts High-Risk Patients and Guides Initial Chemoradiotherapy for Early Cervical Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 640846.	2.8	2
54	Parallel Medical Imaging: An ACP-Based Approach for Intelligent Medical Image Recognition with Small Samples. , 2021, , .		2

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55	Histogram Analysis Based on Apparent Diffusion Coefficient Maps of Bone Marrow in Multiple Myeloma: An Independent Predictor for High-risk Patients Classified by the Revised International Staging System. <i>Academic Radiology</i> , 2022, 29, e98-e107.	2.5	2
56	Imaging Features of Breast Periductal Stromal Tumor: A Case Report. <i>Frontiers in Oncology</i> , 2021, 11, 577227.	2.8	2
57	Development of a Prognostic Nomogram in Hepatocellular Carcinoma with Portal Vein Tumor Thrombus Following Trans-Arterial Chemoembolization with Drug-Eluting Beads. <i>Cancer Management and Research</i> , 2021, Volume 13, 9367-9377.	1.9	2
58	Morphological description of uterine scar 1 year after cesarean section by 3D-SPACE 3.0T MR. <i>Chinese Journal of Academic Radiology</i> , 2020, 3, 162-168.	0.6	1
59	Quick evaluation of lower leg ischemia in patients with peripheral arterial disease by time maximum intensity projection CT angiography: a pilot study. <i>BMC Medical Imaging</i> , 2021, 21, 7.	2.7	1
60	Endometrial T2 values and thickness measured during the spontaneous menstrual cycle: potential imaging biomarker related to female physiological hormones. <i>Chinese Journal of Academic Radiology</i> , 2021, 4, 98-104.	0.6	1
61	Correlation Between Dual-energy and Perfusion CT in Patients with Focal Liver Lesions Using Third-generation Dual-source CT Scanner. <i>Zhongguo Yi Xue Ke Xue Yuan Xue Bao Acta Academiae Medicinae Sinicae</i> , 2017, 39, 74-79.	0.2	1
62	Application of Compressed Sensing 3D MR cholangiopancreatography (CS-MRCP) with Contact-Free Physiological Monitoring (CFPM) for Pancreaticobiliary Disorders. <i>Academic Radiology</i> , 2021, 28 Suppl 1, S148-S156.	2.5	1
63	Assessment of Response to Chemotherapy in Pancreatic Cancer with Liver Metastasis: CT Texture as a Predictive Biomarker. <i>Diagnostics</i> , 2021, 11, 2252.	2.6	1
64	Assessment of facial autologous fat grafts using Dixon magnetic resonance imaging. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022, 12, 2830-2840.	2.0	1
65	Third-generation Dual-source CT for Head and Neck CT Angiography with 70 kV Tube Voltage and 20-25 ml Contrast Medium in Patients With Body Weight Lower than 75 kg. <i>Zhongguo Yi Xue Ke Xue Yuan Xue Bao Acta Academiae Medicinae Sinicae</i> , 2017, 39, 4-8.	0.2	1
66	Feasibility of Pediatric Chest CT Using Spectral Filtration on Third-generation Dual-source CT. <i>Zhongguo Yi Xue Ke Xue Yuan Xue Bao Acta Academiae Medicinae Sinicae</i> , 2017, 39, 21-27.	0.2	1
67	Initial Experience of the Application of Third-generation Dual-source CT Scanner in High-pitch Angiography of Aorta. <i>Zhongguo Yi Xue Ke Xue Yuan Xue Bao Acta Academiae Medicinae Sinicae</i> , 2017, 39, 68-73.	0.2	1
68	Application of Low Tube Voltage 70 kV and Advanced Modeled Iterative Reconstruction in the Third-generation Dual-source CT to CT Colonography. <i>Zhongguo Yi Xue Ke Xue Yuan Xue Bao Acta Academiae Medicinae Sinicae</i> , 2017, 39, 95-100.	0.2	1
69	Feasibility of Peripheral Artery CT Angiography under 70 kV with 50 ml Contrast Medium on the Third-generation Dual-source CT. <i>Zhongguo Yi Xue Ke Xue Yuan Xue Bao Acta Academiae Medicinae Sinicae</i> , 2017, 39, 107-113.	0.2	1
70	Primary pulmonary artery chondrosarcoma: the use of different imaging modalities. <i>Chinese Medical Journal</i> , 2014, 127, 2868-9.	2.3	0
71	The association of different serum IgG4 levels with distinct clinical characteristics and treatment efficacy in patients with IgG4-related disease. <i>Clinical and Experimental Rheumatology</i> , 2021, 39, 727-735.	0.8	0
72	Initial Experience of the Application of Automated Tube Potential Selection Technique in High-pitch Dual-source CT Angiography of Whole Aorta Using Third-generation Dual-source CT Scanner. <i>Zhongguo Yi Xue Ke Xue Yuan Xue Bao Acta Academiae Medicinae Sinicae</i> , 2017, 39, 62-67.	0.2	0

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73	Characteristics of CT Perfusion Parameters of Focal Pancreatic Lesions and Data Comparison of Different Algorithms. Zhongguo Yi Xue Ke Xue Yuan Xue Bao Acta Academiae Medicinae Sinicae, 2017, 39, 80-87.	0.2	0
74	Comparison of Topogram-based Automated Selection of Tube Potential and Fixed Tube Potential in Imaging Solid Pancreatic Lesions. Zhongguo Yi Xue Ke Xue Yuan Xue Bao Acta Academiae Medicinae Sinicae, 2017, 39, 88-94.	0.2	0
75	Feasibility Study of Low-dose Prostate CT Perfusion on Third-generation Dual-source CT. Zhongguo Yi Xue Ke Xue Yuan Xue Bao Acta Academiae Medicinae Sinicae, 2017, 39, 101-106.	0.2	0