

Feng Chen

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

1,622
citations

331670

21
h-index

330143

37
g-index

73
all docs

73
docs citations

73
times ranked

2646
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic abdominal multi-organ segmentation using deep convolutional neural network and time-implicit level sets. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 399-411.	2.8	151
2	Evans Blue Dye: A Revisit of Its Applications in Biomedicine. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-10.	0.8	104
3	Novel Nomogram for Preoperative Prediction of Early Recurrence in Intrahepatic Cholangiocarcinoma. <i>Frontiers in Oncology</i> , 2018, 8, 360.	2.8	92
4	Necrosis Avid Contrast Agents. <i>Investigative Radiology</i> , 2005, 40, 526-535.	6.2	82
5	Medical image augmentation for lesion detection using a texture-constrained multichannel progressive GAN. <i>Computers in Biology and Medicine</i> , 2022, 145, 105444.	7.0	82
6	Identification of serum biomarkers of hepatocarcinoma through liquid chromatography/mass spectrometry-based metabonomic method. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 1899-1904.	3.7	80
7	CT Quantification and Machine-learning Models for Assessment of Disease Severity and Prognosis of COVID-19 Patients. <i>Academic Radiology</i> , 2020, 27, 1665-1678.	2.5	74
8	Inhibition of c-FLIP expression by miR-512-3p contributes to Taxol-induced apoptosis in hepatocellular carcinoma cells. <i>Oncology Reports</i> , 2010, 23, 1457-62.	2.6	70
9	IQGAP1 is overexpressed in hepatocellular carcinoma and promotes cell proliferation by Akt activation. <i>Experimental and Molecular Medicine</i> , 2010, 42, 477.	7.7	70
10	A nomogram based on bi-regional radiomics features from multimodal magnetic resonance imaging for preoperative prediction of microvascular invasion in hepatocellular carcinoma. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019, 9, 1503-1515.	2.0	63
11	First report of manic-like symptoms in a COVID-19 patient with no previous history of a psychiatric disorder. <i>Journal of Affective Disorders</i> , 2020, 277, 337-340.	4.1	56
12	Genes related to the very early stage of ConA-induced fulminant hepatitis: a gene-chip-based study in a mouse model. <i>BMC Genomics</i> , 2010, 11, 240.	2.8	40
13	Liver Tumor Model with Implanted Rhabdomyosarcoma in Rats: MR Imaging, Microangiography, and Histopathologic Analysis. <i>Radiology</i> , 2006, 239, 554-562.	7.3	39
14	Risk Factors for Sarcopenia in the Elderly with Type 2 Diabetes Mellitus and the Effect of Metformin. <i>Journal of Diabetes Research</i> , 2020, 2020, 1-10.	2.3	36
15	Visualization of Stroke with Clinical MR Imagers in Rats: A Feasibility Study. <i>Radiology</i> , 2004, 233, 905-911.	7.3	29
16	Use of a Radiomics Model to Predict Tumor Invasiveness of Pulmonary Adenocarcinomas Appearing as Pulmonary Ground-Glass Nodules. <i>BioMed Research International</i> , 2018, 2018, 1-9.	1.9	29
17	Imaging Biomarkers to Predict and Evaluate the Effectiveness of Immunotherapy in Advanced Non-Small-Cell Lung Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 657615.	2.8	29
18	Clinical Characteristics and Outcomes of Propylthiouracil-Induced Antineutrophil Cytoplasmic Antibody-Associated Vasculitis in Patients with Graves' Disease: A Median 38-Month Retrospective Cohort Study from a Single Institution in China. <i>Thyroid</i> , 2017, 27, 1469-1474.	4.5	25

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19	Identifying BAP1 Mutations in Clear-Cell Renal Cell Carcinoma by CT Radiomics: Preliminary Findings. <i>Frontiers in Oncology</i> , 2020, 10, 279.	2.8	25
20	Morphological classification of intraductal papillary neoplasm of the bile duct. <i>European Radiology</i> , 2018, 28, 1568-1578.	4.5	23
21	Disrupted Causal Connectivity Anchored in the Posterior Cingulate Cortex in Amnesic Mild Cognitive Impairment. <i>Frontiers in Neurology</i> , 2017, 8, 10.	2.4	22
22	Necrosis targeted radiotherapy with iodine-131-labeled hypericin to improve anticancer efficacy of vascular disrupting treatment in rabbit VX2 tumor models. <i>Oncotarget</i> , 2015, 6, 14247-14259.	1.8	22
23	Radiomics predict postoperative survival of patients with primary liver cancer with different pathological types. <i>Annals of Translational Medicine</i> , 2020, 8, 820-820.	1.7	21
24	Aberrant interhemispheric functional connectivity in first-episode, drug-naïve major depressive disorder. <i>Brain Imaging and Behavior</i> , 2019, 13, 1302-1310.	2.1	20
25	Rat cerebral ischemia induced with photochemical occlusion of proximal middle cerebral artery: a stroke model for MR imaging research. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2004, 17, 103-108.	2.0	18
26	Hepatitis B virus genotype B and mutations in basal core promoter and pre-core/core genes associated with acute-on-chronic liver failure: a multicenter cross-sectional study in China. <i>Hepatology International</i> , 2014, 8, 508-516.	4.2	18
27	Dynamic susceptibility contrast-enhanced perfusion MR imaging at 1.5 T predicts final infarct size in a rat stroke model. <i>Journal of Neuroscience Methods</i> , 2005, 141, 55-60.	2.5	17
28	Microplasmin and Tissue Plasminogen Activator: Comparison of Therapeutic Effects in Rat Stroke Model at Multiparametric MR Imaging. <i>Radiology</i> , 2007, 244, 429-438.	7.3	17
29	Enhanced Antitumor Efficacy of a Vascular Disrupting Agent Combined with an Antiangiogenic in a Rat Liver Tumor Model Evaluated by Multiparametric MRI. <i>PLoS ONE</i> , 2012, 7, e41140.	2.5	15
30	Dynamic Contrast-Enhanced and Diffusion-Weighted Magnetic Resonance Imaging Noninvasive Evaluation of Vascular Disrupting Treatment on Rabbit Liver Tumors. <i>PLoS ONE</i> , 2013, 8, e82649.	2.5	15
31	Gd-EOB-DTPA-enhanced magnetic resonance imaging for bile duct intraductal papillary mucinous neoplasms. <i>World Journal of Gastroenterology</i> , 2015, 21, 7824.	3.3	15
32	Delayed perfusion phenomenon in a rat stroke model at 1.5T MR: An imaging sign parallel to spontaneous reperfusion and ischemic penumbra?. <i>European Journal of Radiology</i> , 2007, 61, 70-78.	2.6	14
33	Towards Stratifying Ischemic Components by Cardiac MRI and Multifunctional Stainings in a Rabbit Model of Myocardial Infarction. <i>Theranostics</i> , 2014, 4, 24-35.	10.0	13
34	<p><p>Risk factors of postoperative pulmonary complications after minimally invasive anatomic resection for lung cancer<p>. <i>Therapeutics and Clinical Risk Management</i> , 2019, Volume 15, 223-231.	2.0	13
35	A Combined-Radiomics Approach of CT Images to Predict Response to Anti-PD-1 Immunotherapy in NSCLC: A Retrospective Multicenter Study. <i>Frontiers in Oncology</i> , 2021, 11, 688679.	2.8	13
36	Coronavirus disease 2019 (COVID-19): chest CT characteristics benefit to early disease recognition and patient classification"a single center experience. <i>Annals of Translational Medicine</i> , 2020, 8, 679-679.	1.7	12

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37	Integrating intratumoral and peritumoral features to predict tumor recurrence in intrahepatic cholangiocarcinoma. <i>Physics in Medicine and Biology</i> , 2021, 66, 125001.	3.0	12
38	CT classification model of pancreatic serous cystic neoplasms and mucinous cystic neoplasms based on a deep neural network. <i>Abdominal Radiology</i> , 2022, 47, 232-241.	2.1	12
39	Three-dimensional contrasted visualization of pancreas in rats using clinical MRI and CT scanners. <i>Contrast Media and Molecular Imaging</i> , 2015, 10, 379-387.	0.8	11
40	COVID-19 associated kidney impairment in adult: Qualitative and quantitative analyses with non-enhanced CT on admission. <i>European Journal of Radiology</i> , 2020, 131, 109240.	2.6	11
41	Safety and efficacy of drug-eluting bead transarterial chemoembolization with CalliSpheres® microsphere for hepatocellular carcinoma with portal vein tumor thrombus: a preliminary study. <i>Journal of Cancer</i> , 2021, 12, 4522-4529.	2.5	10
42	Radiomics analysis combining unsupervised learning and handcrafted features: A multiple-disease study. <i>Medical Physics</i> , 2021, 48, 7003-7015.	3.0	9
43	Comparison between CT and MRI in the assessment of pulmonary embolism. <i>Medicine (United States)</i> , 2017, 96, e8935.	1.0	7
44	Computed Tomography-Based Radiomics Model for Predicting the WHO/ISUP Grade of Clear Cell Renal Cell Carcinoma Preoperatively: A Multicenter Study. <i>Frontiers in Oncology</i> , 2021, 11, 543854.	2.8	7
45	A rare lethal case of severe acute necrotizing pancreatitis due to a parathyroid adenoma in a third-trimester pregnant woman. <i>BMC Endocrine Disorders</i> , 2019, 19, 82.	2.2	6
46	<p>New Preoperative Nomogram Using the Centrality Index to Predict High Nuclear Grade Clear Cell Renal Carcinoma</p>. <i>Cancer Management and Research</i> , 2019, Volume 11, 10921-10928.	1.9	6
47	Imaging findings for pancreatic Hamartoma: two case reports and a review of the literature. <i>BMC Gastroenterology</i> , 2020, 20, 37.	2.0	6
48	Predicting the Ki-67 proliferation index in pulmonary adenocarcinoma patients presenting with subsolid nodules: construction of a nomogram based on CT images. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022, 12, 642-652.	2.0	6
49	Dynamic changes in the collagen metabolism of liver fibrosis at the transcription level in rabbits with <i>Schistosomiasis japonica</i> . <i>Chinese Medical Journal</i> , 2002, 115, 1637-40.	2.3	6
50	Bifunctional staining for <i>ex vivo</i> determination of area at risk in rabbits with reperfused myocardial infarction. <i>World Journal of Methodology</i> , 2013, 3, 27.	3.5	5
51	Do transition and hepatobiliary phase hypointensity improve LI-RADS categorization as an alternative washout: a systematic review and meta-analysis. <i>European Radiology</i> , 2022, 32, 5134-5143.	4.5	5
52	Primary retroperitoneal perivascular epithelioid cell neoplasm: A case report. <i>Oncology Letters</i> , 2015, 10, 469-472.	1.8	4
53	Noninvasive evaluation of renal oxygenation in primary nephrotic syndrome with blood oxygen level dependent magnetic resonance imaging: Initial experience. <i>Journal of International Medical Research</i> , 2015, 43, 356-363.	1.0	4
54	<sc>MEAN</sc> inhibits hepatitis C virus replication by interfering with a polypyrimidine tractâ€binding protein. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 1255-1265.	3.6	4

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55	Cancer Modelsâ€™ Multiparametric Applications of Clinical MRI in Rodent Hepatic Tumor Model. <i>Methods in Molecular Biology</i> , 2011, 771, 489-507.	0.9	4
56	Complete Response of Hepatocellular Carcinoma with Macroscopic Vascular Invasion and Pulmonary Metastasis to the Combination of Drug-Eluting Beads Transarterial Chemoembolization and Huaier Granule: A Case Report. <i>OncoTargets and Therapy</i> , 2021, Volume 14, 3873-3880.	2.0	3
57	Generalized methodology for radiomic feature selection and modelling in predicting clinical outcomes. <i>Physics in Medicine and Biology</i> , 2021, 66, .	3.0	3
58	<p>Gene Therapy with Cytosine Deaminase and Endostatin Fusion Gene Mediated by Endothelial Progenitor Cells in Hepatomas</p>. <i>Cancer Management and Research</i> , 2020, Volume 12, 3023-3031.	1.9	2
59	An APC Mutation in a Large Chinese Kindred With Familial Adenomatous Polyposis Was Identified Using Both Next Generation Sequencing and Simple STR Marker Haplotypes. <i>Frontiers in Genetics</i> , 2020, 11, 191.	2.3	2
60	Separate calculation of DW-MRI in assessing therapeutic effect in liver tumors in rats. <i>World Journal of Gastroenterology</i> , 2013, 19, 9092.	3.3	2
61	Adjuvant Transarterial Chemoembolization for Barcelona Clinic Liver Cancer Stage A Hepatocellular Carcinoma After Hepatectomy. <i>Frontiers in Oncology</i> , 2020, 10, 1754.	2.8	1
62	Genetic polymorphisms of interleukin-6 influence the development of hepatitis B virus-related liver cirrhosis in the Han Chinese population. <i>Infection, Genetics and Evolution</i> , 2020, 84, 104331.	2.3	1
63	CMV promoter and the mouse albumin promoter and enhancer triggered the elevation of hepatitis B virus envelope polypeptides. <i>Acta Biochimica Et Biophysica Sinica</i> , 2017, 49, 374-377.	2.0	0
64	Icotinib and rh-endostatin as first line therapy in advanced non small cell line cancer patients harboring activating epidermal growth factor receptor mutations.. <i>Journal of Clinical Oncology</i> , 2016, 34, e20074-e20074.	1.6	0
65	B-Cell Lymphoma Associated with COVID 19 Infection: A Case Report. <i>Current Medical Imaging</i> , 2022, 18, .	0.8	0