F Edward Boas

List of Publications by Year
in descending order

54 papers	2,519 citations	361413 20 h-index	197818 49 g-index
55 all docs	55 docs citations	55 times ranked	3617 citing authors

#	Article	IF	Citations
1	CT artifacts: causes and reduction techniques. Imaging in Medicine, 2012, 4, 229-240.	0.0	593
2	Phosphatidylserine exposure and red cell viability in red cell aging and in hemolytic anemia. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 3077-3081.	7.1	361
3	Evaluation of Two Iterative Techniques for Reducing Metal Artifacts in Computed Tomography. Radiology, 2011, 259, 894-902.	7.3	255
4	Computed tomography—old ideas and new technology. European Radiology, 2011, 21, 510-517.	4.5	240
5	Potential energy functions for protein design. Current Opinion in Structural Biology, 2007, 17, 199-204.	5.7	126
6	Dissecting eukaryotic translation and its control by ribosome density mapping. Nucleic Acids Research, 2005, 33, 2421-2432.	14.5	120
7	Optimal Imaging Surveillance Schedules after Liver-Directed Therapy for Hepatocellular Carcinoma. Journal of Vascular and Interventional Radiology, 2015, 26, 69-73.	0.5	55
8	Aspirin Is Associated With Improved Liver Function After Embolization of Hepatocellular Carcinoma. American Journal of Roentgenology, 2019, 213, 1-7.	2.2	48
9	Metabolic tumor volume and total lesion glycolysis on FDG-PET/CT can predict overall survival after 90Y radioembolization of colorectal liver metastases: A comparison with SUVmax, SUVpeak, and RECIST 1.0. European Journal of Radiology, 2016, 85, 1224-1231.	2.6	47
10	Factors Associated With Local Tumor Control and Complications After Thermal Ablation of Colorectal Cancer Liver Metastases: A 15-year Retrospective Cohort Study. Clinical Colorectal Cancer, 2021, 20, e82-e95.	2.3	45
11	Radioembolization of Colorectal Liver Metastases: Indications, Technique, and Outcomes. Journal of Nuclear Medicine, 2017, 58, 104S-111S.	5.0	43
12	Design of Protein—Ligand Binding Based on the Molecular-Mechanics Energy Model. Journal of Molecular Biology, 2008, 380, 415-424.	4.2	40
13	Classification of Hypervascular Liver Lesions Based on Hepatic Artery and Portal Vein Blood Supply Coefficients Calculated from Triphasic CT Scans. Journal of Digital Imaging, 2015, 28, 213-223.	2.9	31
14	Factors Affecting Oncologic Outcomes of 90Y Radioembolization of Heavily Pre-Treated Patients With Colon Cancer Liver Metastases. Clinical Colorectal Cancer, 2019, 18, 8-18.	2.3	31
15	PI3K pathway mutations are associated with longer time to local progression after radioembolization of colorectal liver metastases. Oncotarget, 2017, 8, 23529-23538.	1.8	31
16	Autologous Blood Patch Injection versus Hydrogel Plug in CT-guided Lung Biopsy: A Prospective Randomized Trial. Radiology, 2019, 290, 547-554.	7.3	30
17	Therapeutic Application of Percutaneous Peritoneovenous (Denver) Shunt in Treating Chylous Ascites in Cancer Patients. Journal of Vascular and Interventional Radiology, 2016, 27, 665-673.	0.5	25
18	Lung Adenocarcinoma: Predictive Value of *KRAS* Mutation Status in Assessing Local Recurrence in Patients Undergoing Image-guided Ablation. Radiology, 2017, 282, 251-258.	7.3	25

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19	Does Enhancement or Perfusion on Preprocedure CT Predict Outcomes After Embolization of Hepatocellular Carcinoma?. Academic Radiology, 2018, 25, 1588-1594.	2.5	24
20	Quantitative Measurements of Enhancement on Preprocedure Triphasic CT Can Predict Response of Colorectal Liver Metastases to Radioembolization. American Journal of Roentgenology, 2016, 207, 671-675.	2.2	23
21	Model-based Iterative Reconstruction Compared to Adaptive Statistical Iterative Reconstruction and Filtered Back-projection in CT of the Kidneys and the Adjacent Retroperitoneum. Academic Radiology, 2014, 21, 774-784.	2.5	20
22	Outcomes After Transarterial Embolization of Neuroendocrine Tumor Liver Metastases Using Spherical Particles of Different Sizes. CardioVascular and Interventional Radiology, 2019, 42, 569-576.	2.0	20
23	Bronchial or Pulmonary Artery Chemoembolization for Unresectable and Unablatable Lung Metastases: A Phase I Clinical Trial. Radiology, 2021, 301, 474-484.	7.3	20
24	Induction and characterization of pancreatic cancer in a transgenic pig model. PLoS ONE, 2020, 15, e0239391.	2.5	19
25	Development and comprehensive characterization of porcine hepatocellular carcinoma for translational liver cancer investigation. Oncotarget, 2020, 11, 2686-2701.	1.8	19
26	Pneumodissection for skin protection in image-guided cryoablation of superficial musculoskeletal tumours. European Radiology, 2017, 27, 1202-1210.	4.5	16
27	DAXX Mutation Status of Embolization-TreatedÂNeuroendocrine Tumors Predicts ShorterÂTime to Hepatic Progression. Journal of Vascular and Interventional Radiology, 2018, 29, 1519-1526.	0.5	15
28	Association of PI3K Pathway Mutations with Early Positron-Emission Tomography/CT Imaging Response after Radioembolization for Breast Cancer Liver Metastases: Results of a Single-Center Retrospective Pilot Study. Journal of Vascular and Interventional Radiology, 2018, 29, 1226-1235.	0.5	15
29	NRF2 Dysregulation in Hepatocellular Carcinoma and Ischemia: A Cohort Study and Laboratory Investigation. Radiology, 2020, 297, 225-234.	7.3	15
30	Image-guided interventional radiological delivery of chimeric antigen receptor (CAR) T cells for pleural malignancies in a phase I/II clinical trial. Lung Cancer, 2022, 165, 1-9.	2.0	15
31	A comparison of four algorithms for metal artifact reduction in CT imaging. , 2011, , .		14
32	Gene Signature Associated with Upregulation of the Wnt/Î²-Catenin Signaling Pathway Predicts Tumor Response to Transarterial Embolization. Journal of Vascular and Interventional Radiology, 2017, 28, 349-355.e1.	0.5	14
33	Transarterial Embolization of Liver Cancer in a Transgenic Pig Model. Journal of Vascular and Interventional Radiology, 2021, 32, 510-517.e3.	0.5	14
34	Development of a Searchable Database of Cryoablation Simulations for Use in Treatment Planning. CardioVascular and Interventional Radiology, 2017, 40, 761-768.	2.0	12
35	PET/CT Imaging Characteristics After Radioembolization of Hepatic Metastasis from Breast Cancer. CardioVascular and Interventional Radiology, 2020, 43, 488-494.	2.0	11
36	Optimizing 90Y Particle Density Improves Outcomes After Radioembolization. CardioVascular and Interventional Radiology, 2022, 45, 958-969.	2.0	10

#	Article	IF	Citations
37	Evaluation of a metal artifact reduction technique in tonsillar cancer delineation. Practical Radiation Oncology, 2012, 2, 27-34.	2.1	9
38	Adjuvant Medications That Improve Survival after Locoregional Therapy. Journal of Vascular and Interventional Radiology, 2017, 28, 971-977.e4.	0.5	9
39	Effect of abdominopelvic abscess drain size on drainage time and probability of occlusion. American Journal of Surgery, 2017, 213, 718-722.	1.8	8
40	Comparison of biliary brush biopsy and fine needle biopsy in the diagnosis of biliary strictures. Minimally Invasive Therapy and Allied Technologies, 2018, 27, 278-283.	1.2	8
41	Radiation Segmentectomy for Hepatocellular Carcinoma: Ready for Prime Time?. Radiology, 2018, 287, 1059-1060.	7.3	7
42	Relationship of radiation dose to efficacy of radioembolization of liver metastasis from breast cancer. European Journal of Radiology, 2021, 136, 109539.	2.6	7
43	Validation of a Body Mass Index Nomogram for Children as an Obesity Screening Tool in Young Children. Clinical Pediatrics, 2006, 45, 718-724.	0.8	5
44	Percutaneous liver venous deprivation: outcomes in heavily pretreated metastatic colorectal cancer patients. Hpb, 2022, 24, 404-412.	0.3	4
45	Targeted Transgastric Drainage of Isolated Pancreatic Duct Segments to Cure Persistent Pancreaticocutaneous Fistulas from Pancreatitis. Journal of Vascular and Interventional Radiology, 2015, 26, 247-251.	0.5	3
46	Optimizing Travel Time to Outpatient Interventional Radiology Procedures in a Multi-Site Hospital System Using a Google Maps Application. Journal of Digital Imaging, 2018, 31, 591-595.	2.9	3
47	Evaluation of the Effect of Operator Experience on Outcome of Hepatic Artery Embolization of Hepatocellular Carcinoma in a Tertiary Cancer Center. Academic Radiology, 2018, 25, 856-860.	2.5	3
48	Safety and Efficacy of Hepatic Artery Embolization in Treating Solitary Fibrous Tumor Metastatic to the Liver. Sarcoma, 2019, 2019, 1-6.	1.3	3
49	Embolization with microspheres alone for hepatocellular carcinoma with portal vein tumor: analysis of outcome and liver function at disease progression. Hpb, 2020, 22, 588-594.	0.3	3
50	Analysis of the Chemotherapy-Free Interval following Image-Guided Ablation in Sarcoma Patients. Sarcoma, 2020, 2020, 1-8.	1.3	2
51	Reply to: â€œAdjuvant Medications that Improve Survival after Locoregional Therapyâ€. Journal of Vascular and Interventional Radiology, 2017, 28, 1335-1336.	0.5	1
52	Safety and Efficacy of Arterially Directed Liver Therapies in the Treatment of Hepatic Metastatic Ovarian Cancer: A Retrospective Single-Institution Study. Journal of Vascular and Interventional Radiology, 2021, 32, 853-860.	0.5	1
53	Accuracy of a CBCT-based virtual injection software for vessel detection during hepatic arterial embolization. European Journal of Radiology, 2022, 150, 110273.	2.6	1
54	Reply to: â€œRegarding â€˜PET/CT Imaging Characteristics After Radioembolization of Hepatic Metastasis from Breast Cancerâ€™â€. CardioVascular and Interventional Radiology, 2020, 43, 799-799.	2.0	0