

Zachary L Bercu

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

308
citations

933264

10
h-index

996849

15
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40
all docs

40
docs citations

40
times ranked

361
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual-Resonance (16/32 MHz) Piezoelectric Transducer With a Single Electrical Connection for Forward-Viewing Robotic Guidewire. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2022, 69, 1428-1441.	1.7	2
2	Cooled Radiofrequency Ablation for Chronic Joint Pain Secondary to Hip and Shoulder Osteoarthritis. Radiographics, 2022, 42, 594-608.	1.4	5
3	Meta-analysis of Intraprocedural Comparative Effectiveness of Vascular Plugs Vs Coils in Proximal Splenic Artery Embolization and Associated Patient Radiation Exposure. Current Problems in Diagnostic Radiology, 2021, 50, 623-628.	0.6	4
4	Comparison of Tc-99m MAA Planar Versus SPECT/CT Imaging for Lung Shunt Fraction Evaluation Prior to Y-90 Radioembolization: Are We Overestimating Lung Shunt Fraction?. CardioVascular and Interventional Radiology, 2021, 44, 254-260.	0.9	20
5	Evaluation of Medium-Term Efficacy of Y90 Radiation Segmentectomy vs Percutaneous Microwave Ablation in Patients with Solitary Surgically Unresectable Hepatocellular Carcinoma: A Propensity Score Matched Study. CardioVascular and Interventional Radiology, 2021, 44, 401-413.	0.9	18
6	Selective Intra-Arterial Calcium Stimulation Venous Sampling Test for Preoperative Localization of Occult Neuroendocrine Tumors: Recall for an Old Technique. Digestive Disease Interventions, 2021, 05, 287-293.	0.3	0
7	Determination of tumour dose response threshold and implication on survival in patients with HCC treated with Y90 radiation segmentectomy. Nuclear Medicine Communications, 2021, Publish Ahead of Print, 892-898.	0.5	3
8	Same day yttrium-90 radioembolization with single photon emission computed tomography/computed tomography: An opportunity to improve care during the COVID-19 pandemic and beyond. World Journal of Gastrointestinal Oncology, 2021, 13, 440-452.	0.8	6
9	A Robotically Steerable Guidewire With Forward-Viewing Ultrasound: Development of Technology for Minimally-Invasive Imaging. IEEE Transactions on Biomedical Engineering, 2021, 68, 2222-2232.	2.5	6
10	Predictors of Successful Yttrium-90 Radioembolization Bridging or Downstaging in Patients with Hepatocellular Carcinoma. Canadian Journal of Gastroenterology and Hepatology, 2021, 2021, 1-14.	0.8	2
11	Improved Tumor Response in Patients on Metformin Undergoing Yttrium-90 Radioembolization Segmentectomy for Hepatocellular Carcinoma. CardioVascular and Interventional Radiology, 2021, 44, 1937-1944.	0.9	7
12	Managing Postembolization Syndrome-Related Pain after Uterine Fibroid Embolization. Seminars in Interventional Radiology, 2021, 38, 382-387.	0.3	3
13	Standard Radiation Dosimetry Models: What Interventional Radiologists Need to Know. Seminars in Interventional Radiology, 2021, 38, 405-411.	0.3	4
14	Predictors of Overall and Progression-Free Survival in Patients with Ocular Melanoma Metastatic to the Liver Undergoing Y90 Radioembolization. CardioVascular and Interventional Radiology, 2020, 43, 254-263.	0.9	26
15	Predictors of Survival after Yttrium-90 Radioembolization of Chemotherapy-Refractory Hepatic Metastases from Breast Cancer. Journal of Vascular and Interventional Radiology, 2020, 31, 925-933.	0.2	12
16	Assessing the Status of Mentorship Programs in Interventional Radiology Residency Training: Results of a 2018 Survey. Current Problems in Diagnostic Radiology, 2020, 49, 154-156.	0.6	8
17	Impact of Genomic Mutation and Timing of Y90 Radioembolization in Colorectal Liver Metastases. CardioVascular and Interventional Radiology, 2020, 43, 1006-1014.	0.9	12
18	New-Onset Uncontrolled Hypertension and Renal Failure in a Young Woman. JACC: Case Reports, 2020, 2, 64-68.	0.3	1

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19	Percutaneous CT-Guided Cryoablation of the Bilateral Pudendal Nerves for Palliation of Intractable Pain Related to Pelvic Neoplasms. <i>American Journal of Hospice and Palliative Medicine</i> , 2020, 37, 619-623.	0.8	7
20	A Meta-analysis of Comparative Outcome and Cost-Effectiveness of Internal Iliac Artery Embolization with Vascular Plug Versus Coil. <i>CardioVascular and Interventional Radiology</i> , 2020, 43, 706-713.	0.9	6
21	Contemporary Management of Hepatic Trauma: What IRs Need to Know. <i>Seminars in Interventional Radiology</i> , 2020, 37, 035-043.	0.3	13
22	Yttrium-90 Radioembolization Dosimetry: What Trainees Need to Know. <i>Seminars in Interventional Radiology</i> , 2020, 37, 543-554.	0.3	16
23	Systematic Review of Contemporary Evidence for the Management of T1 Renal Cell Carcinoma: What IRs Need to Know for Kidney Cancer Tumor Boards. <i>Seminars in Interventional Radiology</i> , 2019, 36, 194-202.	0.3	6
24	Image-Guided Percutaneous Gastrostomy Tube Placement is Safe in Patients Requiring Aspirin 325 mg. <i>Academic Radiology</i> , 2019, 26, 1483-1487.	1.3	0
25	Postpartum haemorrhage requiring embolisation of a hypertrophied round ligament artery. <i>BMJ Case Reports</i> , 2019, 12, e230071.	0.2	1
26	Tc-99m-MAA lung shunt fraction before Y-90 radioembolization is low among patients with non-hepatocellular carcinoma malignancies. <i>Nuclear Medicine Communications</i> , 2019, 40, 1154-1157.	0.5	5
27	Best Practices From the APDR. <i>Academic Radiology</i> , 2018, 25, 789-791.	1.3	12
28	Modifying Institutional Guidelines Reduces the Likelihood of Oversedation During Interventional Procedures. <i>Journal of the American College of Radiology</i> , 2018, 15, 1185-1187.	0.9	1
29	Opioid Prescribing Behavior of Interventional Radiologists Across the United States. <i>Journal of the American College of Radiology</i> , 2018, 15, 726-733.	0.9	9
30	CTA As an Adjuvant Tool for Acute Intra-abdominal or Gastrointestinal Bleeding. <i>Techniques in Vascular and Interventional Radiology</i> , 2017, 20, 248-257.	0.4	10
31	Locoregional Therapy for Hepatic Neuroendocrine Metastases. <i>Digestive Disease Interventions</i> , 2017, 01, 218-224.	0.3	1
32	Postpartum Hemorrhage. <i>Techniques in Vascular and Interventional Radiology</i> , 2017, 20, 266-273.	0.4	32
33	TIPS for Refractory Ascites: A 6-Year Single-Center Experience With Expanded Polytetrafluoroethylene Covered Stent-Grafts. <i>American Journal of Roentgenology</i> , 2015, 204, 654-661.	1.0	31
34	Reply to "Viatorr TIPS Endoprosthesis Versus Generic Expanded Polytetrafluoroethylene Covered Stent-Grafts". <i>American Journal of Roentgenology</i> , 2015, 205, W464-W464.	1.0	0
35	Percutaneous Mesocaval Shunt Creation in a Patient with Chronic Portal and Superior Mesenteric Vein Thrombosis. <i>CardioVascular and Interventional Radiology</i> , 2015, 38, 1316-1319.	0.9	14
36	Outcomes of Transjugular Intrahepatic Portosystemic Shunts for Ascites. <i>Seminars in Interventional Radiology</i> , 2014, 31, 248-251.	0.3	3

#	ARTICLE	IF	CITATIONS
37	Lost in Transition: One Radiology Resident's Transitional Year at a Hospital Lost to the Ages. Journal of the American College of Radiology, 2012, 9, 933-934.	0.9	1
38	Systematic Review of Radiation-Based Therapies for Hepatocellular Carcinoma. Digestive Disease Interventions, 0, 05, .	0.3	0