

# Stephen J Hunt

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55  
papers

1,142  
citations

13  
h-index

33  
g-index

62  
ext. papers

1,374  
ext. citations

3.3  
avg. IF

4.19  
L-index

#	Paper	IF	Citations
55	Global Health and Interventional Radiology: Supporting Trainee Engagement and Diversity for Future Development.. <i>Journal of Vascular and Interventional Radiology</i> , <b>2022</b> ,	2.4	1
54	Transarterial Embolization Modulates the Immune Response within Target and Nontarget Hepatocellular Carcinomas in a Rat Model.. <i>Radiology</i> , <b>2022</b> , 211028	20.5	1
53	Treatment of a Pulmonary Aspergilloma in a Lung Transplant Recipient Using Catheter-directed Intracavitary Instillation of Liposomal Amphotericin B.. <i>Transplantation Direct</i> , <b>2022</b> , 8, e1270	2.3	
52	Molecular imaging in management of colorectal metastases by the interventional oncologist.. <i>International Journal of Hyperthermia</i> , <b>2022</b> , 39, 675-681	3.7	0
51	Infection Rates Following Hepatic Embolotherapy in Patients with Prior Biliary Interventions: Comparison of Single-Drug Moxifloxacin and Multidrug Antibiotic Prophylaxis. <i>Journal of Vascular and Interventional Radiology</i> , <b>2021</b> , 32, 739-744	2.4	1
50	Hydralazine augmented ultrasound hyperthermia for the treatment of hepatocellular carcinoma. <i>Scientific Reports</i> , <b>2021</b> , 11, 15553	4.9	2
49	Subsequent Ultrasound Vascular Targeting Therapy of Hepatocellular Carcinoma Improves the Treatment Efficacy. <i>Biology</i> , <b>2021</b> , 10,	4.9	1
48	Demographic Trends in Female Interventional Radiology Trainees With the Advent of the Integrated Interventional Radiology Residency. <i>Journal of the American College of Radiology</i> , <b>2021</b> , 18, 1451-1455	3.5	
47	Augmented reality improves procedural efficiency and reduces radiation dose for CT-guided lesion targeting: a phantom study using HoloLens 2. <i>Scientific Reports</i> , <b>2020</b> , 10, 18620	4.9	11
46	Augmented and Mixed Reality: Technologies for Enhancing the Future of IR. <i>Journal of Vascular and Interventional Radiology</i> , <b>2020</b> , 31, 1074-1082	2.4	20
45	Assessing the feasibility of NaF-PET/CT versus FDG-PET/CT to detect abdominal aortic calcification or inflammation in rheumatoid arthritis patients. <i>Annals of Nuclear Medicine</i> , <b>2020</b> , 34, 424-431	2.5	12
44	Hyperpolarized Metabolic Imaging Detects Latent Hepatocellular Carcinoma Domains Surviving Locoregional Therapy. <i>Hepatology</i> , <b>2020</b> , 72, 140-154	11.2	10
43	MR Imaging Enables Real-Time Monitoring of In Vitro Electrolytic Ablation of Hepatocellular Carcinoma. <i>Journal of Vascular and Interventional Radiology</i> , <b>2020</b> , 31, 352-361	2.4	3
42	Three-Dimensional Augmented Reality Visualization Informs Locoregional Therapy in a Translational Model of Hepatocellular Carcinoma. <i>Journal of Vascular and Interventional Radiology</i> , <b>2020</b> , 31, 1612-1618.e1	2.4	5
41	Dose-dependent effects of ultrasound therapy on hepatocellular carcinoma. <i>Ultrasonics Symposium (IUS), 2009 IEEE International</i> , <b>2020</b> , 2020,	0.8	1
40	Iatrogenic celiac and hepatic artery dissections during intra-arterial regional tumor therapies: a 16-year retrospective review. <i>Abdominal Radiology</i> , <b>2019</b> , 44, 3480-3485	3	1
39	B-mode ultrasound for the assessment of hepatic fibrosis: a quantitative multiparametric analysis for a radiomics approach. <i>Scientific Reports</i> , <b>2019</b> , 9, 8708	4.9	8

38	Association of Complete Radiologic and Pathologic Response following Locoregional Therapy before Liver Transplantation with Long-Term Outcomes of Hepatocellular Carcinoma: A Retrospective Study. <i>Journal of Vascular and Interventional Radiology</i> , <b>2019</b> , 30, 323-329	2.4	6
37	Complication rates of percutaneous biliary drainage in the presence of ascites. <i>Abdominal Radiology</i> , <b>2019</b> , 44, 1901-1906	3	8
36	Establishment of hepatocellular carcinoma patient-derived xenografts from image-guided percutaneous biopsies. <i>Scientific Reports</i> , <b>2019</b> , 9, 10546	4.9	3
35	A Comparison of Cryoablation with Heat-Based Thermal Ablation for Treatment of Clinical T1a Renal Cell Carcinoma: A National Cancer Database Study. <i>Journal of Vascular and Interventional Radiology</i> , <b>2019</b> , 30, 1027-1033.e3	2.4	7
34	Angiographic Atlas of the Visceral Vascular Anatomy in Translational Rat Models. <i>Journal of Vascular and Interventional Radiology</i> , <b>2019</b> , 30, 2009-2015.e1	2.4	0
33	Factors impacting technical success rate of image-guided intra-arterial therapy in rat orthotopic liver tumor model. <i>American Journal of Translational Research (discontinued)</i> , <b>2019</b> , 11, 3761-3770	3	4
32	Pretreatment volumetric parameters of FDG-PET predict the survival after Yttrium-90 radio-embolization in metastatic liver disease. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2019</b> , 9, 248-254	2.2	1
31	An update on the role of F-FDG-PET/CT in major infectious and inflammatory diseases. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2019</b> , 9, 255-273	2.2	24
30	PET Assessment of Immune Effects from Interventional Oncology Procedures. <i>PET Clinics</i> , <b>2019</b> , 14, 477-485	4.8	3
29	The Evolving Role of PET-Based Novel Quantitative Techniques in the Interventional Radiology Procedures of the Liver. <i>PET Clinics</i> , <b>2019</b> , 14, 419-425	2.2	4
28	Microbubble-enhanced ultrasound for the antivasular treatment and monitoring of hepatocellular carcinoma. <i>Nanotheranostics</i> , <b>2019</b> , 3, 331-341	5.6	12
27	Dynamics of fluorine-18-fluorodeoxyglucose uptake in the liver and its correlation with hepatic fat content and BMI. <i>Nuclear Medicine Communications</i> , <b>2019</b> , 40, 545-551	1.6	1
26	Retrospective comparison of outcomes and associated complications between large bore radiologically inserted gastrostomy tube types. <i>Abdominal Radiology</i> , <b>2019</b> , 44, 318-326	3	2
25	The Impact of Bridging LRT on Survival in Patients Listed for Liver Transplantation. <i>CardioVascular and Interventional Radiology</i> , <b>2018</b> , 41, 112-119	2.7	3
24	Near-Infrared Fluorescence Imaging of Matrix Metalloproteinase 2 Activity as a Biomarker of Vascular Remodeling in Hemodialysis Access. <i>Journal of Vascular and Interventional Radiology</i> , <b>2018</b> , 29, 1268-1275.e1	2.4	0
23	The Implications of CRISPR-Cas9 Genome Editing for IR. <i>Journal of Vascular and Interventional Radiology</i> , <b>2018</b> , 29, 1264-1267.e1	2.4	
22	Combination of Neoadjuvant Transcatheter Arterial Chemoembolization and Orthotopic Liver Transplantation for the Treatment of Cirrhotomimetic Hepatocellular Carcinoma. <i>Journal of Vascular and Interventional Radiology</i> , <b>2018</b> , 29, 237-243	2.4	3
21	2167 Beyond diagnosis: Using ultrasound to affect tumor vasculature for hepatocellular carcinoma (HCC) therapy. <i>Journal of Clinical and Translational Science</i> , <b>2018</b> , 2, 5-6	0.4	78

20	Electrolytic ablation enables cancer cell targeting through pH modulation. <i>Communications Biology</i> , <b>2018</b> , 1, 48	6.7	10
19	Ischemia Induces Quiescence and Autophagy Dependence in Hepatocellular Carcinoma. <i>Radiology</i> , <b>2017</b> , 283, 702-710	20.5	30
18	Relative Initial Weight Is Associated with Improved Survival without Altering Tumor Latency in a Translational Rat Model of Diethylnitrosamine-Induced Hepatocellular Carcinoma and Transarterial Embolization. <i>Journal of Vascular and Interventional Radiology</i> , <b>2017</b> , 28, 1043-1050.e2	2.4	14
17	Understanding the Lung Abscess Microbiome: Outcomes of Percutaneous Lung Parenchymal Abscess Drainage with Microbiologic Correlation. <i>CardioVascular and Interventional Radiology</i> , <b>2017</b> , 40, 902-906	2.7	5
16	Increasing Medical Student Exposure to IR through Integration of IR into the Gross Anatomy Course. <i>Journal of Vascular and Interventional Radiology</i> , <b>2017</b> , 28, 1455-1460	2.4	13
15	Outcomes of Percutaneous Cholecystostomy in the Presence of Ascites. <i>Journal of Vascular and Interventional Radiology</i> , <b>2016</b> , 27, 562-6.e1	2.4	13
14	Thermal Changes during Rheolytic Mechanical Thrombectomy. <i>Journal of Vascular and Interventional Radiology</i> , <b>2016</b> , 27, 905-12	2.4	1
13	Percutaneous Renal Cryoablation: Short-Axis Ice-Ball Margin as a Predictor of Outcome. <i>Journal of Vascular and Interventional Radiology</i> , <b>2016</b> , 27, 403-9	2.4	19
12	Magnetic Resonance-Monitored Coaxial Electrochemical Ablation--Preliminary Evaluation of Technical Feasibility. <i>Journal of Vascular and Interventional Radiology</i> , <b>2015</b> , 26, 1238-46	2.4	2
11	Can precision medicine reduce overdiagnosis?. <i>Academic Radiology</i> , <b>2015</b> , 22, 1040-1	4.3	5
10	Segmental Transarterial Embolization in a Translational Rat Model of Hepatocellular Carcinoma. <i>Journal of Vascular and Interventional Radiology</i> , <b>2015</b> , 26, 1229-37	2.4	25
9	Antivascular ultrasound therapy: magnetic resonance imaging validation and activation of the immune response in murine melanoma. <i>Journal of Ultrasound in Medicine</i> , <b>2015</b> , 34, 275-87	2.9	20
8	Radiologic monitoring of hepatocellular carcinoma tumor viability after transhepatic arterial chemoembolization: estimating the accuracy of contrast-enhanced cross-sectional imaging with histopathologic correlation. <i>Journal of Vascular and Interventional Radiology</i> , <b>2009</b> , 20, 30-8	2.4	50
7	Computed tomography of the acute abdomen in patients with atrial fibrillation. <i>Journal of Computer Assisted Tomography</i> , <b>2009</b> , 33, 280-5	2.2	7
6	Role of pediatricians as advocates for incarcerated youth. <i>Pediatrics</i> , <b>2008</b> , 121, e397-8	7.4	7
5	Epithelial polarity requires septin coupling of vesicle transport to polyglutamylated microtubules. <i>Journal of Cell Biology</i> , <b>2008</b> , 180, 295-303	7.3	133
4	Fabrication of a dual substrate display to test roles of cell adhesion proteins in vesicle targeting to plasma membrane domains. <i>FEBS Letters</i> , <b>2007</b> , 581, 4539-43	3.8	6
3	An evolutionarily conserved presynaptic protein is required for isoflurane sensitivity in <i>Caenorhabditis elegans</i> . <i>Anesthesiology</i> , <b>2007</b> , 107, 971-82	4.3	23

- 2 The health status of youth in juvenile detention facilities. *Journal of Adolescent Health*, **2006**, 38, 776-82 5.8 131
- 1 NGF signaling in sensory neurons: evidence that early endosomes carry NGF retrograde signals. *Neuron*, **2003**, 39, 69-84 13.9 387