Shraga Nahum Goldberg

List of Publications by Year
in descending order

87	8,450	109321 35	58581 82
papers	citations	h-index	g-index

87	87	87	5298
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hepatocellular Carcinoma: Radio-frequency Ablation of Medium and Large Lesions. Radiology, 2000, 214, 761-768.	7.3	969
2	Image-guided Tumor Ablation: Standardization of Terminology and Reporting Criteriaâ€"A 10-Year Update. Radiology, 2014, 273, 241-260.	7.3	870
3	Principles of and Advances in Percutaneous Ablation. Radiology, 2011, 258, 351-369.	7.3	737
4	Image-guided Tumor Ablation: Standardization of Terminology and Reporting Criteria. Radiology, 2005, 235, 728-739.	7.3	699
5	Treatment of intrahepatic malignancy with radiofrequency ablation. Cancer, 2000, 88, 2452-2463.	4.1	583
6	Image-guided Tumor Ablation: Standardization of Terminology and Reporting Criteria. Journal of Vascular and Interventional Radiology, 2009, 20, S377-S390.	0.5	416
7	Image-guided Radiofrequency Tumor Ablation: Challenges and Opportunitiesâ€"Part I. Journal of Vascular and Interventional Radiology, 2001, 12, 1021-1032.	0.5	400
8	Image-guided Tumor Ablation: Proposal for Standardization of Terms and Reporting Criteria. Radiology, 2003, 228, 335-345.	7.3	369
9	Small Liver Colorectal Metastases Treated with Percutaneous Radiofrequency Ablation: Local Response Rate and Long-term Survival with Up to 10-year Follow-up. Radiology, 2012, 265, 958-968.	7.3	299
10	Image-guided Tumor Ablation: Standardization of Terminology and Reporting Criteria. Journal of Vascular and Interventional Radiology, 2005, 16, 765-778.	0.5	270
11	Irreversible Electroporation Ablation: Is All the Damage Nonthermal?. Radiology, 2013, 266, 462-470.	7.3	200
12	Real-Time US-CT/MRI Image Fusion for Guidance of Thermal Ablation of Liver Tumors Undetectable with US: Results in 295 Cases. CardioVascular and Interventional Radiology, 2015, 38, 143-151.	2.0	184
13	Radiofrequency Ablation of Hepatic Tumors: Increased Tumor Destruction with Adjuvant Liposomal Doxorubicin Therapy. American Journal of Roentgenology, 2002, 179, 93-101.	2.2	168
14	The role of contrast-enhanced ultrasound in the detection of focal liver leasions. European Radiology, 2001, 11, E15-E26.	4.5	145
15	Percutaneous Tumor Ablation: Increased Necrosis with Combined Radio-frequency Ablation and Intravenous Liposomal Doxorubicin in a Rat Breast Tumor Model. Radiology, 2002, 222, 797-804.	7.3	117
16	Hepatic Radiofrequency Ablationâ€"induced Stimulation of Distant Tumor Growth Is Suppressed by c-Met Inhibition. Radiology, 2016, 279, 103-117.	7.3	103
17	Irreversible Electroporation versus Radiofrequency Ablation: A Comparison of Local and Systemic Effects in a Small-Animal Model. Radiology, 2016, 280, 413-424.	7.3	98
18	Percutaneous Tumor Ablation: Increased Necrosis with Combined Radio-Frequency Ablation and Intratumoral Doxorubicin Injection in a Rat Breast Tumor Model. Radiology, 2001, 220, 420-427.	7.3	89

#	Article	IF	Citations
19	Radiofrequency Ablation: Inflammatory Changes in the Periablative Zone Can Induce Global Organ Effects, including Liver Regeneration. Radiology, 2015, 276, 416-425.	7.3	86
20	Hepatic Thermal Ablation: Effect of Device and Heating Parameters on Local Tissue Reactions and Distant Tumor Growth. Radiology, 2016, 281, 782-792.	7.3	86
21	Oncogenesis: An â€œOff-Targetâ€•Effect of Radiofrequency Ablation. Radiology, 2015, 276, 426-432.	7.3	85
22	Combination Radiofrequency Ablation with Intratumoral Liposomal Doxorubicin: Effect on Drug Accumulation and Coagulation in Multiple Tissues and Tumor Types in Animals. Radiology, 2005, 235, 469-477.	7.3	84
23	Society of Interventional Radiology Position Statement on Percutaneous Radiofrequency Ablation for the Treatment of Liver Tumors. Journal of Vascular and Interventional Radiology, 2009, 20, S342-S347.	0.5	80
24	Characterization of Irreversible Electroporation Ablation in In Vivo Porcine Liver. American Journal of Roentgenology, 2012, 198, W62-W68.	2.2	79
25	Irreversible Electroporation Ablation: Creation of Large-Volume Ablation Zones in in Vivo Porcine Liver with Four-Electrode Arrays. Radiology, 2014, 270, 416-424.	7.3	72
26	Consensus Guidelines for the Definition of Time-to-Event End Points in Image-guided Tumor Ablation: Results of the SIO and DATECAN Initiative. Radiology, 2021, 301, 533-540.	7.3	72
27	Minimally Invasive Image-Guided Therapies for Hepatocellular Carcinoma. Journal of Clinical Gastroenterology, 2002, 35, S115-S129.	2.2	65
28	Dynamic Intrahepatic Flow and Cellular Alterations during Radiofrequency Ablation of Liver Tissue in Mice. Journal of Vascular and Interventional Radiology, 2001, 12, 1193-1201.	0.5	60
29	Microwave ablation of primary and secondary liver tumours: ex vivo, in vivo, and clinical characterisation. International Journal of Hyperthermia, 2017, 33, 34-42.	2.5	57
30	Immunotherapy and the Interventional Oncologist: Challenges and Opportunitiesâ€”A Society of Interventional Oncology White Paper. Radiology, 2019, 292, 25-34.	7.3	57
31	A novel software platform for volumetric assessment of ablation completeness. International Journal of Hyperthermia, 2019, 36, 336-342.	2.5	57
32	Ten-year survival of hepatocellular carcinoma patients undergoing radiofrequency ablation as a first-line treatment. World Journal of Gastroenterology, 2016, 22, 2993.	3.3	56
33	Do Liposomal Apoptotic Enhancers Increase Tumor Coagulation and End-Point Survival in Percutaneous Radiofrequency Ablation of Tumors in a Rat Tumor Model?. Radiology, 2010, 257, 685-696.	7.3	49
34	Tissue shrinkage in microwave ablation of liver: an ex vivo predictive model. International Journal of Hyperthermia, 2017, 33, 101-109.	2.5	48
35	Systemic siRNA Nanoparticle-Based Drugs Combined with Radiofrequency Ablation for Cancer Therapy. PLoS ONE, 2015, 10, e0128910.	2.5	38
36	The 10-year Survival Analysis of Radiofrequency Ablation for Solitary Hepatocellular Carcinoma 5 cm or Smaller: Primary versus Recurrent HCC. Radiology, 2021, 300, 458-469.	7.3	38

#	Article	IF	Citations
37	Augmented reality for interventional oncology: proof-of-concept study of a novel high-end guidance system platform. European Radiology Experimental, 2018, 2, 18.	3.4	37
38	Clinical Outcomes following Percutaneous Radiofrequency Ablation of Unilateral Aldosterone-Producing Adenoma: Comparison with Adrenalectomy. Journal of Vascular and Interventional Radiology, 2016, 27, 961-967.	0.5	33
39	Hepatic radiofrequency ablation: markedly reduced systemic effects by modulating periablational inflammation via cyclooxygenase-2 inhibition. European Radiology, 2017, 27, 1238-1247.	4.5	32
40	Percutaneous Tumor Ablation: Reduced Tumor Growth with Combined Radio-frequency Ablation and Liposomal Doxorubicin in a Rat Breast Tumor Model. Radiology, 2003, 228, 112-118.	7.3	31
41	Radiofrequency ablation (RFA)-induced systemic tumor growth can be reduced by suppression of resultant heat shock proteins. International Journal of Hyperthermia, 2018, 34, 934-942.	2.5	31
42	Tissue shrinkage in microwave thermal ablation: comparison of three commercial devices. International Journal of Hyperthermia, 2018, 34, 382-391.	2.5	30
43	Targeting STAT3 to Suppress Systemic Pro-Oncogenic Effects from Hepatic Radiofrequency Ablation. Radiology, 2018, 286, 524-536.	7.3	29
44	Moderate hyperthermic heating encountered during thermal ablation increases tumor cell activity. International Journal of Hyperthermia, 2020, 37, 119-129.	2.5	24
45	Does Thermosensitive Liposomal Vinorelbine Improve End-Point Survival after Percutaneous Radiofrequency Ablation of Liver Tumors in a Mouse Model?. Radiology, 2016, 279, 762-772.	7.3	19
46	Tumor-penetrating Peptide-integrated Thermally Sensitive Liposomal Doxorubicin Enhances Efficacy of Radiofrequency Ablation in Liver Tumors. Radiology, 2017, 285, 462-471.	7.3	19
47	Molecular MRI of the Immuno-Metabolic Interplay in a Rabbit Liver Tumor Model: A Biomarker for Resistance Mechanisms in Tumor-targeted Therapy?. Radiology, 2020, 296, 575-583.	7.3	19
48	Clinical evaluation of a robotic system for precise CT-guided percutaneous procedures. Abdominal Radiology, 2021, 46, 5007-5016.	2.1	19
49	Radiofrequency Ablationâ€“Induced Upregulation of Hypoxia-Inducible Factor-1Î± Can Be Suppressed with Adjuvant Bortezomib or Liposomal Chemotherapy. Journal of Vascular and Interventional Radiology, 2014, 25, 1972-1982.	0.5	18
50	Thermal Ablation Induces Transitory Metastatic Growth by Means of the STAT3/c-Met Molecular Pathway in an Intrahepatic Colorectal Cancer Mouse Model. Radiology, 2020, 294, 464-472.	7.3	17
51	Treatment of intrahepatic malignancy with radiofrequency ablation. Cancer, 2000, 88, 2452-2463.	4.1	17
52	Thermal Ablation of Liver Tumors Guided by Augmented Reality: An Initial Clinical Experience. Cancers, 2022, 14, 1312.	3.7	17
53	Society of Interventional Radiology Interventional Oncology Task Force: Interventional Oncology Research Vision Statement and Critical Assessment of the State of Research Affairs. Journal of Vascular and Interventional Radiology, 2005, 16, 1287-1294.	0.5	16
54	Incomplete thermal ablation of tumors promotes increased tumorigenesis. International Journal of Hyperthermia, 2021, 38, 263-272.	2.5	16

#	Article	IF	Citations
55	Hepatic Arterial Bland Embolization Increases Th17 Cell Infiltration in a Syngeneic Rat Model of Hepatocellular Carcinoma. CardioVascular and Interventional Radiology, 2020, 43, 311-321.	2.0	15
56	Planar strain analysis of liver undergoing microwave thermal ablation using xâ€ray CT. Medical Physics, 2015, 42, 372-380.	3.0	12
57	Can We Differentiate Residual Untreated Tumor from Tissue Responses to Heat Following Thermal Tumor Ablation?. Radiology, 2005, 234, 317-318.	7.3	11
58	Significance of enhanced cerebral grayâ€“white matter contrast at 80kVp compared to conventional 120kVp CT scan in the evaluation of acute stroke. Journal of Clinical Neuroscience, 2014, 21, 1591-1594.	1.5	11
59	In-Cell Determination of Lactate Dehydrogenase Activity in a Luminal Breast Cancer Model â€“ ex vivo Investigation of Excised Xenograft Tumor Slices Using dDNP Hyperpolarized [1-13C]pyruvate. Sensors, 2019, 19, 2089.	3.8	11
60	CT severity indices derived from low monoenergetic images at dual-energy CT may improve prediction of outcome in acute pancreatitis. European Radiology, 2021, 31, 4710-4719.	4.5	10
61	Low-power Transverse Ultrasonic Treatment of Portal Vein Thrombosis in an Animal Model. Journal of Vascular and Interventional Radiology, 2002, 13, 915-921.	0.5	9
62	To the Editor. Hepatology, 2003, 34, 609-609.	7.3	8
63	Combination of intratumoural micellar paclitaxel with radiofrequency ablation: efficacy and toxicity in rodents. European Radiology, 2019, 29, 6202-6210.	4.5	7
64	Dual energy CT in acute appendicitis: value of low mono-energy. Clinical Imaging, 2021, 77, 213-218.	1.5	7
65	Science to Practice: Which Approaches to Combination Interventional Oncologic Therapy Hold the Greatest Promise of Obtaining Maximal Clinical Benefit?. Radiology, 2011, 261, 667-669.	7.3	4
66	Differentiation of Heterogeneous Mouse Liver from HCC by Hyperpolarized 13C Magnetic Resonance. Sci, 2021, 3, 8.	3.0	4
67	Can Tumor Growth Be Further Inhibited by Combining Drugs Such as Bortezomib with Image-guided Interventional Oncologic Procedures?. Radiology, 2008, 248, 323-325.	7.3	3
68	Noninvasive microwave ablation zone radii estimation using x-ray CT image analysis. Medical Physics, 2016, 43, 4476-4482.	3.0	3
69	Optical flow and image segmentation analysis for noninvasive precise mapping of microwave thermal ablation in X-ray CT scans - ex vivo study. International Journal of Hyperthermia, 2018, 34, 744-755.	2.5	3
70	Sensitivity of the Mount Fuji Sign After Evacuation of Chronic Subdural Hematoma in Nonagenarians. Journal of Computer Assisted Tomography, 2019, 43, 686-689.	0.9	3
71	Mechanisms Matter. Journal of Vascular and Interventional Radiology, 2012, 23, 114-115.	0.5	2
72	Can the Injection of Adjuvant Gels Accelerate Heating for More Robust Thermal Ablation of Tumors?. Radiology, 2019, 291, 511-512.	7.3	2

#	Article	IF	Citations
73	Experimental model of occluded biliary metal stent recanalization using irreversible electroporation via a tubular catheter. International Journal of Hyperthermia, 2021, 38, 393-401.	2.5	2
74	Priming of Sorafenib Prior to Radiofrequency Ablation Does Not Increase Treatment Effect in Hepatocellular Carcinoma. Digestive Diseases and Sciences, 2021, , 1.	2.3	2
75	Ultrasonographic features can predict outcome of conservative management of acute appendicitis in children. Emergency Radiology, 2021, , 1.	1.8	2
76	Micromachined Electrical Conductivity Probe for RF Ablation of Tumors. , 2005, , .		2
77	Can two-step ablation combined with chemotherapeutic liposomes achieve better outcome than traditional RF ablation? A solid tumor animal study. Nanoscale, 2022, 14, 6312-6322.	5.6	2
78	Is radiofrequency ablation effective in patients with early-stage hepatocellular carcinoma and cirrhosis?. Nature Clinical Practice Oncology, 2005, 2, 438-439.	4.3	1
79	Science to Practice: What Do Molecular Biologic Studies in Rodent Models Add to Our Understanding of Interventional Oncologic Procedures including Percutaneous Ablation by Using Glyceraldehyde-3-Phosphate Dehydrogenase Antagonists?. Radiology, 2012, 262, 737-739.	7.3	1
80	Injectable Biodegradable Multimodal Mammography Marker. ACS Applied Bio Materials, 2019, 2, 5069-5076.	4.6	1
81	Differentiation of Heterogeneous Mouse Liver from HCC by Hyperpolarized 13C Magnetic Resonance. Sci, 2020, 2, 3.	3.0	1
82	Elastin-specific MRI of extracellular matrix-remodelling following hepatic radiofrequency-ablation in a VX2 liver tumor model. Scientific Reports, 2021, 11, 6814.	3.3	1
83	Characterization and Evaluation of Injectable Biodegradable Polymer Multimodality Radiologic Markers in an In Vivo Murine Model. Biomacromolecules, 2022, 23, 1672-1679.	5.4	1
84	Interventional Oncologists Are All Fired Up about PANFIRE-2. Radiology, 2020, 294, 221-222.	7.3	0
85	In vivo noninvasive threeâ€dimensional (3D) assessment of microwave thermal ablation zone using nonâ€contrastâ€enhanced xâ€ray CT. Medical Physics, 2020, 47, 4721-4734.	3.0	0
86	Differentiation of Heterogeneous Mouse Liver from HCC by Hyperpolarized 13C Magnetic Resonance. Sci, 2020, 2, 43.	3.0	0
87	More Interventional Oncologic Fire from COLDFIRE-2. Radiology, 2021, 299, 481-482.	7.3	0