

# Shraga Nahum Goldberg

## List of Publications by Year in descending order

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Version: 2024-02-01

87  
papers

8,450  
citations

109137

35  
h-index

58464

82  
g-index

87  
all docs

87  
docs citations

87  
times ranked

5298  
citing authors

#	ARTICLE	IF	CITATIONS
1	Can two-step ablation combined with chemotherapeutic liposomes achieve better outcome than traditional RF ablation? A solid tumor animal study. <i>Nanoscale</i> , 2022, 14, 6312-6322.	2.8	2
2	Thermal Ablation of Liver Tumors Guided by Augmented Reality: An Initial Clinical Experience. <i>Cancers</i> , 2022, 14, 1312.	1.7	17
3	Characterization and Evaluation of Injectable Biodegradable Polymer Multimodality Radiologic Markers in an In Vivo Murine Model. <i>Biomacromolecules</i> , 2022, 23, 1672-1679.	2.6	1
4	Experimental model of occluded biliary metal stent recanalization using irreversible electroporation via a tubular catheter. <i>International Journal of Hyperthermia</i> , 2021, 38, 393-401.	1.1	2
5	CT severity indices derived from low monoenergetic images at dual-energy CT may improve prediction of outcome in acute pancreatitis. <i>European Radiology</i> , 2021, 31, 4710-4719.	2.3	10
6	Differentiation of Heterogeneous Mouse Liver from HCC by Hyperpolarized <sup>13</sup> C Magnetic Resonance. <i>Sci</i> , 2021, 3, 8.	1.8	4
7	Incomplete thermal ablation of tumors promotes increased tumorigenesis. <i>International Journal of Hyperthermia</i> , 2021, 38, 263-272.	1.1	16
8	Elastin-specific MRI of extracellular matrix-remodelling following hepatic radiofrequency-ablation in a VX2 liver tumor model. <i>Scientific Reports</i> , 2021, 11, 6814.	1.6	1
9	More Interventional Oncologic Fire from COLDFIRE-2. <i>Radiology</i> , 2021, 299, 481-482.	3.6	0
10	Clinical evaluation of a robotic system for precise CT-guided percutaneous procedures. <i>Abdominal Radiology</i> , 2021, 46, 5007-5016.	1.0	19
11	Priming of Sorafenib Prior to Radiofrequency Ablation Does Not Increase Treatment Effect in Hepatocellular Carcinoma. <i>Digestive Diseases and Sciences</i> , 2021, , 1.	1.1	2
12	The 10-year Survival Analysis of Radiofrequency Ablation for Solitary Hepatocellular Carcinoma 5 cm or Smaller: Primary versus Recurrent HCC. <i>Radiology</i> , 2021, 300, 458-469.	3.6	38
13	Dual energy CT in acute appendicitis: value of low mono-energy. <i>Clinical Imaging</i> , 2021, 77, 213-218.	0.8	7
14	Ultrasonographic features can predict outcome of conservative management of acute appendicitis in children. <i>Emergency Radiology</i> , 2021, , 1.	1.0	2
15	Consensus Guidelines for the Definition of Time-to-Event End Points in Image-guided Tumor Ablation: Results of the SIO and DATECAN Initiative. <i>Radiology</i> , 2021, 301, 533-540.	3.6	72
16	Hepatic Arterial Bland Embolization Increases Th17 Cell Infiltration in a Syngeneic Rat Model of Hepatocellular Carcinoma. <i>CardioVascular and Interventional Radiology</i> , 2020, 43, 311-321.	0.9	15
17	Interventional Oncologists Are All Fired Up about PANFIRE-2. <i>Radiology</i> , 2020, 294, 221-222.	3.6	0
18	Thermal Ablation Induces Transitory Metastatic Growth by Means of the STAT3/c-Met Molecular Pathway in an Intrahepatic Colorectal Cancer Mouse Model. <i>Radiology</i> , 2020, 294, 464-472.	3.6	17

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19	In vivo noninvasive three-dimensional (3D) assessment of microwave thermal ablation zone using non-contrast-enhanced x-ray CT. <i>Medical Physics</i> , 2020, 47, 4721-4734.	1.6	0
20	Differentiation of Heterogeneous Mouse Liver from HCC by Hyperpolarized <sup>13</sup> C Magnetic Resonance. <i>Sci</i> , 2020, 2, 3.	1.8	1
21	Differentiation of Heterogeneous Mouse Liver from HCC by Hyperpolarized <sup>13</sup> C Magnetic Resonance. <i>Sci</i> , 2020, 2, 43.	1.8	0
22	Molecular MRI of the Immuno-Metabolic Interplay in a Rabbit Liver Tumor Model: A Biomarker for Resistance Mechanisms in Tumor-targeted Therapy?. <i>Radiology</i> , 2020, 296, 575-583.	3.6	19
23	Moderate hyperthermic heating encountered during thermal ablation increases tumor cell activity. <i>International Journal of Hyperthermia</i> , 2020, 37, 119-129.	1.1	24
24	Injectable Biodegradable Multimodal Mammography Marker. <i>ACS Applied Bio Materials</i> , 2019, 2, 5069-5076.	2.3	1
25	In-Cell Determination of Lactate Dehydrogenase Activity in a Luminal Breast Cancer Model – ex vivo Investigation of Excised Xenograft Tumor Slices Using dDNP Hyperpolarized [1- <sup>13</sup> C]pyruvate. <i>Sensors</i> , 2019, 19, 2089.	2.1	11
26	Immunotherapy and the Interventional Oncologist: Challenges and Opportunities – A Society of Interventional Oncology White Paper. <i>Radiology</i> , 2019, 292, 25-34.	3.6	57
27	Combination of intratumoural micellar paclitaxel with radiofrequency ablation: efficacy and toxicity in rodents. <i>European Radiology</i> , 2019, 29, 6202-6210.	2.3	7
28	A novel software platform for volumetric assessment of ablation completeness. <i>International Journal of Hyperthermia</i> , 2019, 36, 336-342.	1.1	57
29	Can the Injection of Adjuvant Gels Accelerate Heating for More Robust Thermal Ablation of Tumors?. <i>Radiology</i> , 2019, 291, 511-512.	3.6	2
30	Sensitivity of the Mount Fuji Sign After Evacuation of Chronic Subdural Hematoma in Nonagenarians. <i>Journal of Computer Assisted Tomography</i> , 2019, 43, 686-689.	0.5	3
31	Radiofrequency ablation (RFA)-induced systemic tumor growth can be reduced by suppression of resultant heat shock proteins. <i>International Journal of Hyperthermia</i> , 2018, 34, 934-942.	1.1	31
32	Optical flow and image segmentation analysis for noninvasive precise mapping of microwave thermal ablation in X-ray CT scans - ex vivo study. <i>International Journal of Hyperthermia</i> , 2018, 34, 744-755.	1.1	3
33	Targeting STAT3 to Suppress Systemic Pro-Oncogenic Effects from Hepatic Radiofrequency Ablation. <i>Radiology</i> , 2018, 286, 524-536.	3.6	29
34	Tissue shrinkage in microwave thermal ablation: comparison of three commercial devices. <i>International Journal of Hyperthermia</i> , 2018, 34, 382-391.	1.1	30
35	Augmented reality for interventional oncology: proof-of-concept study of a novel high-end guidance system platform. <i>European Radiology Experimental</i> , 2018, 2, 18.	1.7	37
36	Hepatic radiofrequency ablation: markedly reduced systemic effects by modulating periablation inflammation via cyclooxygenase-2 inhibition. <i>European Radiology</i> , 2017, 27, 1238-1247.	2.3	32

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37	Tumor-penetrating Peptide-integrated Thermally Sensitive Liposomal Doxorubicin Enhances Efficacy of Radiofrequency Ablation in Liver Tumors. <i>Radiology</i> , 2017, 285, 462-471.	3.6	19
38	Tissue shrinkage in microwave ablation of liver: an <i>ex vivo</i> predictive model. <i>International Journal of Hyperthermia</i> , 2017, 33, 101-109.	1.1	48
39	Microwave ablation of primary and secondary liver tumours: <i>ex vivo</i> , <i>in vivo</i> , and clinical characterisation. <i>International Journal of Hyperthermia</i> , 2017, 33, 34-42.	1.1	57
40	Clinical Outcomes following Percutaneous Radiofrequency Ablation of Unilateral Aldosterone-Producing Adenoma: Comparison with Adrenalectomy. <i>Journal of Vascular and Interventional Radiology</i> , 2016, 27, 961-967.	0.2	33
41	Irreversible Electroporation versus Radiofrequency Ablation: A Comparison of Local and Systemic Effects in a Small-Animal Model. <i>Radiology</i> , 2016, 280, 413-424.	3.6	98
42	Hepatic Thermal Ablation: Effect of Device and Heating Parameters on Local Tissue Reactions and Distant Tumor Growth. <i>Radiology</i> , 2016, 281, 782-792.	3.6	86
43	Noninvasive microwave ablation zone radii estimation using x-ray CT image analysis. <i>Medical Physics</i> , 2016, 43, 4476-4482.	1.6	3
44	Does Thermosensitive Liposomal Vinorelbine Improve End-Point Survival after Percutaneous Radiofrequency Ablation of Liver Tumors in a Mouse Model?. <i>Radiology</i> , 2016, 279, 762-772.	3.6	19
45	Hepatic Radiofrequency Ablation-induced Stimulation of Distant Tumor Growth Is Suppressed by c-Met Inhibition. <i>Radiology</i> , 2016, 279, 103-117.	3.6	103
46	Ten-year survival of hepatocellular carcinoma patients undergoing radiofrequency ablation as a first-line treatment. <i>World Journal of Gastroenterology</i> , 2016, 22, 2993.	1.4	56
47	Planar strain analysis of liver undergoing microwave thermal ablation using x-ray CT. <i>Medical Physics</i> , 2015, 42, 372-380.	1.6	12
48	Systemic siRNA Nanoparticle-Based Drugs Combined with Radiofrequency Ablation for Cancer Therapy. <i>PLoS ONE</i> , 2015, 10, e0128910.	1.1	38
49	Radiofrequency Ablation: Inflammatory Changes in the Periablation Zone Can Induce Global Organ Effects, including Liver Regeneration. <i>Radiology</i> , 2015, 276, 416-425.	3.6	86
50	Oncogenesis: An "Off-Target" Effect of Radiofrequency Ablation. <i>Radiology</i> , 2015, 276, 426-432.	3.6	85
51	Real-Time US-CT/MRI Image Fusion for Guidance of Thermal Ablation of Liver Tumors Undetectable with US: Results in 295 Cases. <i>CardioVascular and Interventional Radiology</i> , 2015, 38, 143-151.	0.9	184
52	Radiofrequency Ablation-induced Upregulation of Hypoxia-Inducible Factor-1 $\alpha$ Can Be Suppressed with Adjuvant Bortezomib or Liposomal Chemotherapy. <i>Journal of Vascular and Interventional Radiology</i> , 2014, 25, 1972-1982.	0.2	18
53	Significance of enhanced cerebral gray-white matter contrast at 80kVp compared to conventional 120kVp CT scan in the evaluation of acute stroke. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 1591-1594.	0.8	11
54	Image-guided Tumor Ablation: Standardization of Terminology and Reporting Criteria "A 10-Year Update. <i>Radiology</i> , 2014, 273, 241-260.	3.6	870

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55	Irreversible Electroporation Ablation: Creation of Large-Volume Ablation Zones in in Vivo Porcine Liver with Four-Electrode Arrays. <i>Radiology</i> , 2014, 270, 416-424.	3.6	72
56	Irreversible Electroporation Ablation: Is All the Damage Nonthermal?. <i>Radiology</i> , 2013, 266, 462-470.	3.6	200
57	Science to Practice: What Do Molecular Biologic Studies in Rodent Models Add to Our Understanding of Interventional Oncologic Procedures including Percutaneous Ablation by Using Glycerinaldehyde-3-Phosphate Dehydrogenase Antagonists?. <i>Radiology</i> , 2012, 262, 737-739.	3.6	1
58	Characterization of Irreversible Electroporation Ablation in In Vivo Porcine Liver. <i>American Journal of Roentgenology</i> , 2012, 198, W62-W68.	1.0	79
59	Small Liver Colorectal Metastases Treated with Percutaneous Radiofrequency Ablation: Local Response Rate and Long-term Survival with Up to 10-year Follow-up. <i>Radiology</i> , 2012, 265, 958-968.	3.6	299
60	Mechanisms Matter. <i>Journal of Vascular and Interventional Radiology</i> , 2012, 23, 114-115.	0.2	2
61	Principles of and Advances in Percutaneous Ablation. <i>Radiology</i> , 2011, 258, 351-369.	3.6	737
62	Science to Practice: Which Approaches to Combination Interventional Oncologic Therapy Hold the Greatest Promise of Obtaining Maximal Clinical Benefit?. <i>Radiology</i> , 2011, 261, 667-669.	3.6	4
63	Do Liposomal Apoptotic Enhancers Increase Tumor Coagulation and End-Point Survival in Percutaneous Radiofrequency Ablation of Tumors in a Rat Tumor Model?. <i>Radiology</i> , 2010, 257, 685-696.	3.6	49
64	Society of Interventional Radiology Position Statement on Percutaneous Radiofrequency Ablation for the Treatment of Liver Tumors. <i>Journal of Vascular and Interventional Radiology</i> , 2009, 20, S342-S347.	0.2	80
65	Image-guided Tumor Ablation: Standardization of Terminology and Reporting Criteria. <i>Journal of Vascular and Interventional Radiology</i> , 2009, 20, S377-S390.	0.2	416
66	Can Tumor Growth Be Further Inhibited by Combining Drugs Such as Bortezomib with Image-guided Interventional Oncologic Procedures?. <i>Radiology</i> , 2008, 248, 323-325.	3.6	3
67	Can We Differentiate Residual Untreated Tumor from Tissue Responses to Heat Following Thermal Tumor Ablation?. <i>Radiology</i> , 2005, 234, 317-318.	3.6	11
68	Combination Radiofrequency Ablation with Intratumoral Liposomal Doxorubicin: Effect on Drug Accumulation and Coagulation in Multiple Tissues and Tumor Types in Animals. <i>Radiology</i> , 2005, 235, 469-477.	3.6	84
69	Is radiofrequency ablation effective in patients with early-stage hepatocellular carcinoma and cirrhosis?. <i>Nature Clinical Practice Oncology</i> , 2005, 2, 438-439.	4.3	1
70	Image-guided Tumor Ablation: Standardization of Terminology and Reporting Criteria. <i>Radiology</i> , 2005, 235, 728-739.	3.6	699
71	Society of Interventional Radiology Interventional Oncology Task Force: Interventional Oncology Research Vision Statement and Critical Assessment of the State of Research Affairs. <i>Journal of Vascular and Interventional Radiology</i> , 2005, 16, 1287-1294.	0.2	16
72	Image-guided Tumor Ablation: Standardization of Terminology and Reporting Criteria. <i>Journal of Vascular and Interventional Radiology</i> , 2005, 16, 765-778.	0.2	270

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73	Micromachined Electrical Conductivity Probe for RF Ablation of Tumors. , 2005, , .		2
74	To the Editor. Hepatology, 2003, 34, 609-609.	3.6	8
75	Image-guided Tumor Ablation: Proposal for Standardization of Terms and Reporting Criteria. Radiology, 2003, 228, 335-345.	3.6	369
76	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.	3.6	31
77	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.	3.6	117
78	Radiofrequency Ablation of Hepatic Tumors: Increased Tumor Destruction with Adjuvant Liposomal Doxorubicin Therapy. American Journal of Roentgenology, 2002, 179, 93-101.	1.0	168
79	Minimally Invasive Image-Guided Therapies for Hepatocellular Carcinoma. Journal of Clinical Gastroenterology, 2002, 35, S115-S129.	1.1	65
80	Low-power Transverse Ultrasonic Treatment of Portal Vein Thrombosis in an Animal Model. Journal of Vascular and Interventional Radiology, 2002, 13, 915-921.	0.2	9
81	Image-guided Radiofrequency Tumor Ablation: Challenges and Opportunities—Part I. Journal of Vascular and Interventional Radiology, 2001, 12, 1021-1032.	0.2	400
82	Dynamic Intrahepatic Flow and Cellular Alterations during Radiofrequency Ablation of Liver Tissue in Mice. Journal of Vascular and Interventional Radiology, 2001, 12, 1193-1201.	0.2	60
83	The role of contrast-enhanced ultrasound in the detection of focal liver lesions. European Radiology, 2001, 11, E15-E26.	2.3	145
84	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.	3.6	89
85	Treatment of intrahepatic malignancy with radiofrequency ablation. Cancer, 2000, 88, 2452-2463.	2.0	583
86	Hepatocellular Carcinoma: Radio-frequency Ablation of Medium and Large Lesions. Radiology, 2000, 214, 761-768.	3.6	969
87	Treatment of intrahepatic malignancy with radiofrequency ablation. Cancer, 2000, 88, 2452-2463.	2.0	17