Eleni Liapi,, ScM

List of Publications by Year
in descending order

69 papers	3,158 citations	172457 29 h-index	149698 56 g-index
70 all docs	70 docs citations	70 times ranked	3335 citing authors

#	Article	IF	Citations
1	New Intra-arterial Drug Delivery System for the Treatment of Liver Cancer: Preclinical Assessment in a Rabbit Model of Liver Cancer. Clinical Cancer Research, 2006, 12, 2563-2567.	7.0	311
2	Transcatheter Intraarterial Therapies: Rationale and Overview. Radiology, 2011, 259, 641-657.	7.3	206
3	The Role of Functional MR Imaging in the Assessment of Tumor Response after Chemoembolization in Patients with Hepatocellular Carcinoma. Journal of Vascular and Interventional Radiology, 2006, 17, 505-512.	0.5	195
4	Unresectable Hepatocellular Carcinoma: Serial Early Vascular and Cellular Changes after Transarterial Chemoembolization as Detected with MR Imaging. Radiology, 2009, 250, 466-473.	7.3	178
5	Transcatheter and Ablative Therapeutic Approaches for Solid Malignancies. Journal of Clinical Oncology, 2007, 25, 978-986.	1.6	168
6	Intra-arterial Therapy for Advanced Intrahepatic Cholangiocarcinoma: A Multi-institutional Analysis. Annals of Surgical Oncology, 2013, 20, 3779-3786.	1.5	134
7	Functional MR Imaging Assessment of Tumor Response after 90Y Microsphere Treatment in Patients with Unresectable Hepatocellular Carcinoma. Journal of Vascular and Interventional Radiology, 2007, 18, 49-56.	0.5	122
8	Distribution of Iron Oxideâ€“containing Embosphere Particles after Transcatheter Arterial Embolization in an Animal Model of Liver Cancer: Evaluation with MR Imaging and Implication for Therapy. Journal of Vascular and Interventional Radiology, 2008, 19, 1490-1496.	0.5	115
9	Functional MRI Evaluation of Tumor Response in Patients with Neuroendocrine Hepatic Metastasis Treated with Transcatheter Arterial Chemoembolization. American Journal of Roentgenology, 2008, 190, 67-73.	2.2	108
10	Platelets Take Up the Monoclonal Antibody Bevacizumab. Clinical Cancer Research, 2007, 13, 5341-5347.	7.0	105
11	Lack of Response after Initial Chemoembolization for Hepatocellular Carcinoma: Does It Predict Failure of Subsequent Treatment?. Radiology, 2012, 265, 115-123.	7.3	102
12	Intraprocedural C-Arm Dual-Phase Cone-Beam CT: Can It Be Used to Predict Short-term Response to TACE with Drug-eluting Beads in Patients with Hepatocellular Carcinoma?. Radiology, 2013, 266, 636-648.	7.3	99
13	Transcatheter Arterial Chemoembolization for Liver Cancer: Is It Time to Distinguish Conventional from Drug-Eluting Chemoembolization?. CardioVascular and Interventional Radiology, 2011, 34, 37-49.	2.0	96
14	Intra-Arterial Therapies for Hepatocellular Carcinoma: Where Do We Stand?. Annals of Surgical Oncology, 2010, 17, 1234-1246.	1.5	80
15	Prognostic Accuracy of 12 Liver Staging Systems in Patients with Unresectable Hepatocellular Carcinoma Treated with Transarterial Chemoembolization. Journal of Vascular and Interventional Radiology, 2006, 17, 1619-1624.	0.5	69
16	Transcatheter Arterial Chemoembolization: Current Technique and Future Promise. Techniques in Vascular and Interventional Radiology, 2007, 10, 2-11.	1.0	63
17	Receiver Operating Characteristic Analysis of Diffusion-Weighted Magnetic Resonance Imaging in Differentiating Hepatic Hemangioma From Other Hypervascular Liver Lesions. Journal of Computer Assisted Tomography, 2008, 32, 750-756.	0.9	61
18	Doxorubicin-Loaded QuadraSphere Microspheres: Plasma Pharmacokinetics and Intratumoral Drug Concentration in an Animal Model of Liver Cancer. CardioVascular and Interventional Radiology, 2010, 33, 576-582.	2.0	60

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19	Nonresectable Hepatocellular Carcinoma: Long-term Toxicity in Patients Treated with Transarterial Chemoembolizationâ€"Single-Center Experience. Radiology, 2008, 249, 346-354.	7.3	55
20	Assessment of Response of Uterine Fibroids and Myometrium to Embolization Using Diffusion-Weighted Echoplanar MR Imaging. Journal of Computer Assisted Tomography, 2005, 29, 83-86.	0.9	46
21	Intraarterial Therapy with a New Potent Inhibitor of Tumor Metabolism (3-bromopyruvate): Identification of Therapeutic Dose and Method of Injection in an Animal Model of Liver Cancer. Journal of Vascular and Interventional Radiology, 2007, 18, 95-101.	0.5	44
22	Transcatheter Arterial Embolization in Patients with Kidney Diseases: an Overview of the Technical Aspects and Clinical Indications. Korean Journal of Radiology, 2010, 11, 257.	3.4	39
23	Focal Nodular Hyperplasia: Lesion Evaluation Using 16-MDCT and 3D CT Angiography. American Journal of Roentgenology, 2006, 186, 1587-1596.	2.2	37
24	Drug-Eluting Particles for Interventional Pharmacology. Techniques in Vascular and Interventional Radiology, 2007, 10, 261-269.	1.0	37
25	Temperature-controlled power modulation compensates for heterogeneous nanoparticle distributions: a computational optimization analysis for magnetic hyperthermia. International Journal of Hyperthermia, 2019, 36, 115-129.	2.5	36
26	Chemoembolization for Primary and Metastatic Liver Cancer. Cancer Journal (Sudbury, Mass), 2010, 16, 156-162.	2.0	33
27	Liver and Biliary System: Evaluation by Multidetector CT. Radiologic Clinics of North America, 2005, 43, 977-997.	1.8	32
28	Targeting of VX2 Rabbit Liver Tumor by Selective Delivery of 3-Bromopyruvate: A Biodistribution and Survival Study. Journal of Pharmacology and Experimental Therapeutics, 2008, 327, 32-37.	2.5	32
29	Evaluation of Different Calibrated Spherical Polyvinyl Alcohol Microspheres in Transcatheter Arterial Chemoembolization: VX2 Tumor Model in Rabbit Liver. Journal of Vascular and Interventional Radiology, 2008, 19, 1065-1069.	0.5	31
30	Three-dimensional Rotational Angiography: Introduction of an Adjunctive Tool for Successful Transarterial Chemoembolization. Journal of Vascular and Interventional Radiology, 2005, 16, 1241-1245.	0.5	30
31	Diffusion-Weighted and Gd-EOB-DTPA-Contrast-Enhanced Magnetic Resonance Imaging for Characterization of Tumor Necrosis in an Animal Model. Journal of Computer Assisted Tomography, 2009, 33, 626-630.	0.9	28
32	Theranostic application of lipiodol for transarterial chemoembolization in a VX2 rabbit liver tumor model. Theranostics, 2019, 9, 3674-3686.	10.0	28
33	Chemoembolization Decreases Drop-Off Risk of Hepatocellular Carcinoma Patients on the Liver Transplant List. CardioVascular and Interventional Radiology, 2011, 34, 1254-1261.	2.0	25
34	Evaluation of 70â€"150-Î¼m doxorubicin-eluting beads for transcatheter arterial chemoembolization in the rabbit liver VX2 tumour model. European Radiology, 2016, 26, 3474-3482.	4.5	24
35	Percutaneous US-Guided Implantation of Vx-2 Carcinoma into Rabbit Liver: A Comparison With Open Surgical Method. Journal of Surgical Research, 2009, 155, 94-99.	1.6	22
36	Combination of Local Transcatheter Arterial Chemoembolization and Systemic Anti-angiogenic Therapy for Unresectable Hepatocellular Carcinoma. Liver Cancer, 2012, 1, 201-215.	7.7	22

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37	Role of Functional Magnetic Resonance Imaging in Assessing Metastatic Leiomyosarcoma Response to Chemoembolization. Journal of Computer Assisted Tomography, 2008, 32, 347-352.	0.9	21
38	Considerations for Implantation Site of VX2 Carcinoma into Rabbit Liver. Journal of Vascular and Interventional Radiology, 2009, 20, 113-117.	0.5	20
39	Image-guided thermal therapy with a dual-contrast magnetic nanoparticle formulation: A feasibility study. International Journal of Hyperthermia, 2016, 32, 543-557.	2.5	20
40	Increased uptake of doxorubicin by cells undergoing heat stress does not explain its synergistic cytotoxicity with hyperthermia. International Journal of Hyperthermia, 2019, 36, 711-719.	2.5	20
41	Successful liver-directed gene delivery by ERCP-guided hydrodynamic injection (with videos). Gastrointestinal Endoscopy, 2018, 88, 755-763.e5.	1.0	19
42	Multidetector CT of hepatocellular carcinoma. Bailliere's Best Practice and Research in Clinical Gastroenterology, 2005, 19, 63-89.	2.4	18
43	Case-controlled Comparison of a Percutaneous Collagen Arteriotomy Closure Device versus Manual Compression after Liver Chemoembolization. Journal of Vascular and Interventional Radiology, 2005, 16, 339-345.	0.5	18
44	Quantitative Proton MR Spectroscopy as a Biomarker of Tumor Necrosis in the Rabbit VX2 Liver Tumor. Journal of Vascular and Interventional Radiology, 2011, 22, 1175-1180.	0.5	18
45	Assessment of Tumoricidal Efficacy and Response to Treatment with¹⁸F-FDG PET/CT After Intraarterial Infusion with the Antiglycolytic Agent 3-Bromopyruvate in the VX2 Model of Liver Tumor. Journal of Nuclear Medicine, 2011, 52, 225-230.	5.0	17
46	Demonstration of Safety and Feasibility of Hydrogel Marking of the Pancreasâ€“Duodenum Interface for Image Guided Radiation Therapy (IGRT) in a Porcine Model: Implications in IGRT for Pancreatic Cancer Patients. International Journal of Radiation Oncology Biology Physics, 2018, 101, 640-645.	0.8	17
47	Incidental Nonneoplastic Hypervascular Lesions in the Noncirrhotic Liver: Diagnosis with 16-MDCT and 3D CT Angiography. American Journal of Roentgenology, 2006, 187, 682-687.	2.2	14
48	Interventional oncology: new options for interstitial treatments and intravascular approaches. Journal of Hepato-Biliary-Pancreatic Sciences, 2010, 17, 405-406.	2.6	14
49	Validation of a coupled electromagnetic and thermal model for estimating temperatures during magnetic nanoparticle hyperthermia. International Journal of Hyperthermia, 2021, 38, 611-622.	2.5	12
50	Low-Dose CT Perfusion of the Liver Using Reconstruction of Difference. IEEE Transactions on Radiation and Plasma Medical Sciences, 2018, 2, 205-214.	3.7	9
51	Medium-Sized HCC: Achieving Effective Local Tumor Control with Combined Chemoebolization and Radiofrequency Ablation. Annals of Surgical Oncology, 2011, 18, 1527-1528.	1.5	6
52	Image quality improvements in C-Arm CT (CACT) for liver oncology applications: Preliminary study in rabbits. Minimally Invasive Therapy and Allied Technologies, 2013, 22, 297-303.	1.2	6
53	Is CT Perfusion Ready for Liver Cancer Treatment Evaluation?. Journal of the American College of Radiology, 2015, 12, 111-113.	1.8	6
54	Breathing motion compensated reconstruction for C-arm cone beam CT imaging: initial experience based on animal data. Proceedings of SPIE, 2012, , .	0.8	5

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55	Preliminary evaluation of alpha-emitting radioembolization in animal models of hepatocellular carcinoma. PLoS ONE, 2022, 17, e0261982.	2.5	5
56	Combining spectral CT acquisition methods for high-sensitivity material decomposition. , 2020, 11312, .		3
57	Performance assessment of texture reproduction in high-resolution CT. , 2020, 11316, .		3
58	Neutrophil depletion enhanced the Clostridium novyi-NT therapy in mouse and rabbit tumor models. Neuro-Oncology Advances, 2022, 4, vdab184.	0.7	3
59	Systematic Review and Pharmacokinetic Meta-analysis of Doxorubicin Exposure in Transcatheter Arterial ChemoembolizationÂand Doxorubicin-Eluted Beads Chemoembolization for Treatment of Unresectable Hepatocellular Carcinoma. European Journal of Drug Metabolism and Pharmacokinetics, 2022, 47, 449-466.	1.6	3
60	Threeâ€dimensional regionsâ€ofâ€interestâ€"based intraâ€operative fourâ€dimensional soft tissue perfusion imaging using a standard xâ€ray system with no gantry rotation: A simulation study for a proof of concept. Medical Physics, 2020, 47, 6087-6102.	3.0	2
61	6990 Mallory-weiss syndrome complicating upper gastrointestinal endoscopy.. Gastrointestinal Endoscopy, 2000, 51, AB238.	1.0	1
62	Is radiofrequency ablation an effective long-term treatment for early-stage hepatocellular carcinoma?. Nature Reviews Gastroenterology & Hepatology, 2005, 2, 302-303.	1.7	1
63	Transcatheter Arterial Chemoembolization: Technique and Future Potential. , 2008, , 192-201.		1
64	Novel local therapies in hepatocellular carcinoma. Clinical Liver Disease, 2012, 1, 209-211.	2.1	1
65	DW-MRI Assessment of Treatment Response to Minimally Invasive Therapy. Medical Radiology, 2010, , 175-185.	0.1	1
66	Abstract B33: Multifunctional formulation for dual imaging and magnetic hyperthermia therapy of liver cancer: A preclinical feasibility study. , 2013, , .		1
67	New Concepts in Targeting and Imaging Liver Cancer. , 0, , 202-212.		0
68	Preliminary Assessment of Nanoparticle-Lipiodol Formulation for Image Guided Thermal Therapy in Animal Models of Liver Cancer. International Journal of Radiation Oncology Biology Physics, 2013, 87, S659-S660.	0.8	0
69	Research and Future Directions in Oncology Embolotherapy. , 2006, , 221-232.		0