

William F Pritchard

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

486
citations

840585

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h-index

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all docs

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docs citations

30
times ranked

519
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of immune-modulating drugs for use in drug-eluting microsphere transarterial embolization. <i>International Journal of Pharmaceutics</i> , 2022, 616, 121466.	2.6	9
2	Cone-Beam Computed Tomography-Based Spatial Prediction of Drug Dose After Transarterial Chemoembolization Using Radiopaque Drug-Eluting Beads in Woodchuck Hepatocellular Carcinoma. <i>Investigative Radiology</i> , 2022, 57, 495-501.	3.5	4
3	A Clinically Driven Task-Based Comparison of Photon Counting and Conventional Energy Integrating CT for Soft Tissue, Vascular, and High-Resolution Tasks. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2021, 5, 588-595.	2.7	6
4	Comparison of Smartphone Augmented Reality, Smartglasses Augmented Reality, and 3D CBCT-guided Fluoroscopy Navigation for Percutaneous Needle Insertion: A Phantom Study. <i>CardioVascular and Interventional Radiology</i> , 2021, 44, 774-781.	0.9	17
5	Review of Technical Advancements and Clinical Applications of Photon-counting Computed Tomography in Imaging of the Thorax. <i>Journal of Thoracic Imaging</i> , 2021, 36, 84-94.	0.8	21
6	Imaging, Pathology, and Immune Correlates in the Woodchuck Hepatic Tumor Model. <i>Journal of Hepatocellular Carcinoma</i> , 2021, Volume 8, 71-83.	1.8	4
7	Electromagnetic Tracking and Optical Molecular Imaging Guidance for Liver Biopsy and Point-of-Care Tissue Assessment in Phantom and Woodchuck Hepatocellular Carcinoma. <i>CardioVascular and Interventional Radiology</i> , 2021, 44, 1439-1447.	0.9	2
8	Endovascular steerable and endobronchial precurved guiding sheaths for transbronchial needle delivery under augmented fluoroscopy and cone beam CT image guidance. <i>Translational Lung Cancer Research</i> , 2021, 10, 3627-3644.	1.3	5
9	Drug-eluting embolic microspheres: State-of-the-art and emerging clinical applications. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 383-398.	2.4	25
10	Synthesis, characterization, and imaging of radiopaque bismuth beads for image-guided transarterial embolization. <i>Scientific Reports</i> , 2021, 11, 533.	1.6	9
11	Comparison of Low Dose Performance of Photon-Counting and Energy Integrating CT. <i>Academic Radiology</i> , 2021, 28, 1754-1760.	1.3	33
12	Evaluation of Coronary Plaques and Stents with Conventional and Photon-counting CT: Benefits of High-Resolution Photon-counting CT. <i>Radiology: Cardiothoracic Imaging</i> , 2021, 3, e210102.	0.9	25
13	Woodchuck hepatic anatomy and vascular alterations due to hepatocellular carcinoma with angiographic atlas of the abdomen and pelvis. <i>Journal of Vascular and Interventional Radiology</i> , 2021, , .	0.2	1
14	Smartphone Augmented Reality CT-Based Platform for Needle Insertion Guidance: A Phantom Study. <i>CardioVascular and Interventional Radiology</i> , 2020, 43, 756-764.	0.9	28
15	Endobronchial Navigation Guided by Cone-Beam CT-Based Augmented Fluoroscopy without a Bronchoscope: Feasibility Study in Phantom and Swine. <i>Journal of Vascular and Interventional Radiology</i> , 2020, 31, 2122-2131.	0.2	6
16	Ovarian teratoma in a woodchuck (<i>Marmota monax</i>) with hepatocellular carcinoma: radiologic and pathologic features. <i>BMC Veterinary Research</i> , 2020, 16, 451.	0.7	1
17	Monopolar Radiofrequency Energy Delivered by a Conductive Endovascular Basket or Guidewire Leads to Thermal Occlusion in a Swine Model. <i>Journal of Vascular and Interventional Radiology</i> , 2020, 31, 1874-1885.	0.2	2
18	Safety and Tolerability of Topotecan-Eluting Radiopaque Microspheres for Hepatic Chemoembolization in a Rabbit Preclinical Model. <i>CardioVascular and Interventional Radiology</i> , 2020, 43, 1918-1924.	0.9	2

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19	Transarterial Chemoembolization in a Woodchuck Model of Hepatocellular Carcinoma. <i>Journal of Vascular and Interventional Radiology</i> , 2020, 31, 812-819.e1.	0.2	14
20	Liver-specific 3D sectioning molds for correlating in vivo CT and MRI with tumor histopathology in woodchucks (Marmota monax). <i>PLoS ONE</i> , 2020, 15, e0230794.	1.1	7
21	In Vivo Characterization of the Swine Airway Morphometry and Motion Based on Computed Tomographic Imaging During Respiration. <i>Journal of Biomechanical Engineering</i> , 2020, 142, .	0.6	3
22	Effect of Ionizing Radiation from Computed Tomography on Differentiation of Human Embryonic Stem Cells into Neural Precursors. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3900.	1.8	3
23	Radiofrequency Ablation Duration per Tumor Volume May Correlate with Overall Survival in Solitary Hepatocellular Carcinoma Patients Treated with Radiofrequency Ablation Plus Lyso-Thermosensitive Liposomal Doxorubicin. <i>Journal of Vascular and Interventional Radiology</i> , 2019, 30, 1908-1914.	0.2	9
24	Feasibility and Acute Safety Study of Radiofrequency Energy Delivery to the Vena Caval Wall Via an Inferior Vena Cava Filter in Swine. <i>Journal of Engineering and Science in Medical Diagnostics and Therapy</i> , 2019, 2, .	0.3	0
25	Effect of radiofrequency ablation (RFA) combined with anti-CTLA-4 and anti-PD1 in a preclinical melanoma model. <i>Journal of Clinical Oncology</i> , 2019, 37, 143-143.	0.8	1
26	Distribution and Detection of Radiopaque Beads after Hepatic Transarterial Embolization in Swine: Cone-Beam CT versus MicroCT. <i>Journal of Vascular and Interventional Radiology</i> , 2018, 29, 568-574.	0.2	11
27	Mapping Drug Dose Distribution on CT Images Following Transarterial Chemoembolization with Radiopaque Drug-Eluting Beads in a Rabbit Tumor Model. <i>Radiology</i> , 2018, 289, 396-404.	3.6	31
28	Lyso-thermosensitive liposomal doxorubicin for treatment of bladder cancer. <i>International Journal of Hyperthermia</i> , 2017, 33, 1-8.	1.1	20
29	Radiopaque Drug-Eluting Beads for Transcatheter Embolotherapy: Experimental Study of Drug Penetration and Coverage in Swine. <i>Journal of Vascular and Interventional Radiology</i> , 2012, 23, 257-264.e4.	0.2	109
30	Development of "Imageable" Beads for Transcatheter Embolotherapy. <i>Journal of Vascular and Interventional Radiology</i> , 2010, 21, 865-876.	0.2	78