

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

713332

21
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docs citations

30
times ranked

519
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | Development of "Imageable" Beads for Transcatheter Embolotherapy. <i>Journal of Vascular and Interventional Radiology</i> , 2010, 21, 865-876. | 0.2 | 78 |
| 3 | Comparison of Low Dose Performance of Photon-Counting and Energy Integrating CT. <i>Academic Radiology</i> , 2021, 28, 1754-1760. | 1.3 | 33 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | Lyso-thermosensitive liposomal doxorubicin for treatment of bladder cancer. <i>International Journal of Hyperthermia</i> , 2017, 33, 1-8. | 1.1 | 20 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | Synthesis, characterization, and imaging of radiopaque bismuth beads for image-guided transarterial embolization. <i>Scientific Reports</i> , 2021, 11, 533. | 1.6 | 9 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | A Clinically Driven Task-Based Comparison of Photon Counting and Conventional Energy Integrating CT for Soft Tissue, Vascular, and High-Resolution CT Tasks. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2021, 5, 588-595. | 2.7 | 6 |

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|----|---|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 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 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |