

Michael D Kuo

List of Publications by Year in descending order

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66
papers

5,562
citations

230014

27
h-index

169272

56
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67
all docs

67
docs citations

67
times ranked

9405
citing authors

#	ARTICLE	IF	CITATIONS
1	Tissue clearing techniques for three-dimensional optical imaging of intact human prostate and correlations with multi-parametric MRI. Prostate, 2021, 81, 521-529.	1.2	1
2	Machine learning application for the prediction of SARS-CoV-2 infection using blood tests and chest radiograph. Scientific Reports, 2021, 11, 14250.	1.6	20
3	Detection of COVID-19 Using Deep Learning Algorithms on Chest Radiographs. Journal of Thoracic Imaging, 2020, 35, 369-376.	0.8	13
4	Development and validation of risk prediction models for COVID-19 positivity in a hospital setting. International Journal of Infectious Diseases, 2020, 101, 74-82.	1.5	7
5	Frequency and Distribution of Chest Radiographic Findings in Patients Positive for COVID-19. Radiology, 2020, 296, E72-E78.	3.6	1,068
6	State of the Art: Toward Improving Outcomes of Lung and Liver Tumor Biopsies in Clinical Trials—A Multidisciplinary Approach. Journal of Clinical Oncology, 2020, 38, 1633-1640.	0.8	12
7	Imaging Profile of the COVID-19 Infection: Radiologic Findings and Literature Review. Radiology: Cardiothoracic Imaging, 2020, 2, e200034.	0.9	723
8	Evaluation of the predictive ability of ultrasound-based assessment of breast cancer using BI-RADS natural language reporting against commercial transcriptome-based tests. PLoS ONE, 2020, 15, e0226634.	1.1	5
9	Rapid evolution of expression levels in hepatocellular carcinoma. International Journal of Computational Biology and Drug Design, 2020, 13, 454.	0.3	0
10	Rapid evolution of expression levels in hepatocellular carcinoma. International Journal of Computational Biology and Drug Design, 2020, 13, 454.	0.3	0
11	Title is missing!. , 2020, 15, e0226634.		0
12	Title is missing!. , 2020, 15, e0226634.		0
13	Title is missing!. , 2020, 15, e0226634.		0
14	Title is missing!. , 2020, 15, e0226634.		0
15	Title is missing!. , 2020, 15, e0226634.		0
16	Title is missing!. , 2020, 15, e0226634.		0
17	Acute Tumor Transition Angle on Computed Tomography Predicts Chromosomal Instability Status of Primary Gastric Cancer: Radiogenomics Analysis from TCGA and Independent Validation. Cancers, 2019, 11, 641.	1.7	9
18	Lung Cancer Radiogenomics. Journal of Thoracic Imaging, 2018, 33, 17-25.	0.8	9

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19	Receptor-based Surrogate Subtypes and Discrepancies with Breast Cancer Intrinsic Subtypes: Implications for Image Biomarker Development. <i>Radiology</i> , 2018, 289, 210-217.	3.6	11
20	Multiregional Radiogenomic Assessment of Prostate Microenvironments with Multiparametric MR Imaging and DNA Whole-Exome Sequencing of Prostate Glands with Adenocarcinoma. <i>Radiology</i> , 2017, 284, 109-119.	3.6	29
21	Genomic Adequacy from Solid Tumor Core Needle Biopsies of ex Vivo Tissue and in Vivo Lung Masses: Prospective Study. <i>Radiology</i> , 2017, 282, 903-912.	3.6	31
22	Quality of Radiomic Features in Glioblastoma Multiforme: Impact of Semi-Automated Tumor Segmentation Software. <i>Korean Journal of Radiology</i> , 2017, 18, 498.	1.5	34
23	Radiogenomic Analysis Demonstrates Associations between ¹⁸ F-Fluoro-2-Deoxyglucose PET, Prognosis, and Epithelial-Mesenchymal Transition in Non-Small Cell Lung Cancer. <i>Radiology</i> , 2016, 280, 261-270.	3.6	35
24	Transcriptome profiling reveals novel gene expression signatures and regulating transcription factors of TGF β -induced epithelial-mesenchymal transition. <i>Cancer Medicine</i> , 2016, 5, 1962-1972.	1.3	34
25	Reply. <i>Hepatology</i> , 2016, 64, 692-693.	3.6	0
26	Image-Guided Biopsy in the Era of Personalized Cancer Care: Proceedings from the Society of Interventional Radiology Research Consensus Panel. <i>Journal of Vascular and Interventional Radiology</i> , 2016, 27, 8-19.	0.2	87
27	Renal Denervation. <i>Journal of the Association for Laboratory Automation</i> , 2016, 21, 312-316.	2.8	2
28	The radiogenomic risk score stratifies outcomes in a renal cell cancer phase 2 clinical trial. <i>European Radiology</i> , 2016, 26, 2798-2807.	2.3	33
29	A computed tomography radiogenomic biomarker predicts microvascular invasion and clinical outcomes in hepatocellular carcinoma. <i>Hepatology</i> , 2015, 62, 792-800.	3.6	276
30	Diversity of Gene Expression in Hepatocellular Carcinoma Cells. <i>Genomics, Proteomics and Bioinformatics</i> , 2015, 13, 377-382.	3.0	3
31	Breast Cancer: Radiogenomic Biomarker Reveals Associations among Dynamic Contrast-enhanced MR Imaging, Long Noncoding RNA, and Metastasis. <i>Radiology</i> , 2015, 275, 384-392.	3.6	111
32	The Radiogenomic Risk Score: Construction of a Prognostic Quantitative, Noninvasive Image-based Molecular Assay for Renal Cell Carcinoma. <i>Radiology</i> , 2015, 277, 114-123.	3.6	61
33	Behind the Numbers: Decoding Molecular Phenotypes with Radiogenomics—Guiding Principles and Technical Considerations. <i>Radiology</i> , 2014, 270, 320-325.	3.6	187
34	ALK Molecular Phenotype in Non-Small Cell Lung Cancer: CT Radiogenomic Characterization. <i>Radiology</i> , 2014, 272, 568-576.	3.6	140
35	Illuminating Radiogenomic Characteristics of Glioblastoma Multiforme through Integration of MR Imaging, Messenger RNA Expression, and DNA Copy Number Variation. <i>Radiology</i> , 2014, 270, 1-2.	3.6	109
36	Position Statement on Percutaneous Vertebral Augmentation: A Consensus Statement Developed by the Society of Interventional Radiology (SIR), American Association of Neurological Surgeons (AANS) and the Congress of Neurological Surgeons (CNS), American College of Radiology (ACR), American Society of Neuroradiology (ASNR), American Society of Spine Radiology (ASSR), Canadian Interventional Radiology Association (CIRA), and the Society of NeuroInterventional Surgery (SNIS). <i>Journal of Vascular and Interventional Radiology</i> , 2014, 25, 171-181.	0.2	84

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37	Evaluating Patency Rates of an Ultralow-Porosity Expanded Polytetrafluoroethylene Covered Stent in the Treatment of Venous Stenosis in Arteriovenous Dialysis Circuits. <i>Journal of Vascular and Interventional Radiology</i> , 2014, 25, 183-189.	0.2	11
38	Society of Interventional Radiology Position Statement: Prostate Artery Embolization for Treatment of Benign Disease of the Prostate. <i>Journal of Vascular and Interventional Radiology</i> , 2014, 25, 1349-1351.	0.2	69
39	Society of Interventional Radiology Position Statement on Recent Change to the ASA's Moderate Sedation Standards: Capnography. <i>Journal of Vascular and Interventional Radiology</i> , 2013, 24, 939-940.	0.2	13
40	Radiogenomic Analysis of Breast Cancer Using MRI: A Preliminary Study to Define the Landscape. <i>American Journal of Roentgenology</i> , 2012, 199, 654-663.	1.0	149
41	Society of Interventional Radiology Position Statement: Prevention of Unintentionally Retained Foreign Bodies during Interventional Radiology Procedures. <i>Journal of Vascular and Interventional Radiology</i> , 2011, 22, 1561-1562.	0.2	6
42	Endpoints for Hemodialysis Access Procedures: Correlation between Fistulography and Intraaccess Blood Flow Measurements. <i>Journal of Vascular and Interventional Radiology</i> , 2011, 22, 1733-1739.	0.2	7
43	Evaluation of Expanded Polytetrafluoroethylene-covered Stents for the Treatment of Venous Outflow Stenosis in Hemodialysis Access Grafts. <i>Journal of Vascular and Interventional Radiology</i> , 2011, 22, 647-653.	0.2	20
44	Position Statement by the Society of Interventional Radiology: Maintenance of Privileges for Image-guided Interventions. <i>Journal of Vascular and Interventional Radiology</i> , 2011, 22, 1353-1354.	0.2	4
45	Next Generation Radiologic-Pathologic Correlation in Oncology: Rad-Path 2.0. <i>American Journal of Roentgenology</i> , 2011, 197, 990-997.	1.0	29
46	Exploiting Phenotypic Plasticity for the Treatment of Hepatopulmonary Shunting in Abernethy Malformation. <i>Journal of Vascular and Interventional Radiology</i> , 2010, 21, 917-922.	0.2	26
47	Radiogenomics: Creating a link between molecular diagnostics and diagnostic imaging. <i>European Journal of Radiology</i> , 2009, 70, 232-241.	1.2	271
48	Three-dimensional C-arm Cone-beam CT: Applications in the Interventional Suite. <i>Journal of Vascular and Interventional Radiology</i> , 2009, 20, S523-S537.	0.2	76
49	Stem Cell Therapy: A Primer for Interventionalists and Imagers. <i>Journal of Vascular and Interventional Radiology</i> , 2009, 20, 999-1012.	0.2	13
50	Molecular Imaging: A Primer for Interventionalists and Imagers. <i>Journal of Vascular and Interventional Radiology</i> , 2009, 20, S505-S522.	0.2	1
51	Emerging Technologies Subcommittee. <i>Journal of Vascular and Interventional Radiology</i> , 2009, 20, S545.	0.2	0
52	C-arm Cone-beam CT: General Principles and Technical Considerations for Use in Interventional Radiology. <i>Journal of Vascular and Interventional Radiology</i> , 2008, 19, 814-820.	0.2	285
53	Comparative Evaluation of Noninvasive Compression Adjuncts for Hemostasis in Percutaneous Arterial, Venous, and Arteriovenous Dialysis Access Procedures. <i>Journal of Vascular and Interventional Radiology</i> , 2008, 19, 72-79.	0.2	11
54	Three-Dimensional C-arm Cone-beam CT: Applications in the Interventional Suite. <i>Journal of Vascular and Interventional Radiology</i> , 2008, 19, 799-813.	0.2	206

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55	Identification of noninvasive imaging surrogates for brain tumor gene-expression modules. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5213-5218.	3.3	408
56	Salvage of a Failing Dialysis Graft by Percutaneous Creation of a Jump Bypass Graft. Journal of Vascular and Interventional Radiology, 2007, 18, 1054-1058.	0.2	11
57	Radiogenomic Analysis to Identify Imaging Phenotypes Associated with Drug Response Gene Expression Programs in Hepatocellular Carcinoma. Journal of Vascular and Interventional Radiology, 2007, 18, 821-830.	0.2	144
58	Use of a Novel Mechanical Rinsing and Aspiration Thrombectomy Device for Treatment of Deep Venous and Arteriovenous Graft Thrombosis. Journal of Vascular and Interventional Radiology, 2007, 18, 313-316.	0.2	3
59	Decoding global gene expression programs in liver cancer by noninvasive imaging. Nature Biotechnology, 2007, 25, 675-680.	9.4	510
60	Molecular Imaging: A Primer for Interventionalists and Imagers. Journal of Vascular and Interventional Radiology, 2006, 17, 1405-1423.	0.2	22
61	Intentional Retrieval of Viabil Stent-Grafts from the Biliary System. Journal of Vascular and Interventional Radiology, 2006, 17, 389-397.	0.2	38
62	Exploring the Human Genome in Cancer with Genomic Approaches. Journal of Vascular and Interventional Radiology, 2006, 17, 1225-1233.	0.2	6
63	In-Stent Restenosis Limitation with Stent-based Controlled-Release Nitric Oxide: Initial Results in Rabbits. Radiology, 2004, 230, 377-382.	3.6	33
64	Stent-based Controlled Release of Intravascular Angiostatin to Limit Plaque Progression and In-Stent Restenosis. Journal of Vascular and Interventional Radiology, 2004, 15, 601-608.	0.2	24
65	Therapeutic Elastase Inhibition by Alpha-1-Antitrypsin Gene Transfer Limits Neointima Formation in Normal Rabbits. Journal of Vascular and Interventional Radiology, 2001, 12, 1203-1209.	0.2	12
66	Enhancement of neointima formation with tissue-type plasminogen activator. Journal of Vascular Surgery, 2001, 33, 821-828.	0.6	19