

Pottumarthi V Prasad

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,512
citations

471509

17
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

1589
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma levels of carboxylic acids are markers of early kidney dysfunction in young people with type 1 diabetes. <i>Pediatric Nephrology</i> , 2023, 38, 193-202.	1.7	3
2	Abnormalities in Cardiac Structure and Function among Individuals with CKD: The COMBINE Trial. <i>Kidney360</i> , 2022, 3, 258-268.	2.1	5
3	Radiomics-Based Image Phenotyping of Kidney Apparent Diffusion Coefficient Maps: Preliminary Feasibility & Efficacy. <i>Journal of Clinical Medicine</i> , 2022, 11, 1972.	2.4	4
4	Experimental Protocol for MRI Mapping of the Blood Oxygenation-Sensitive Parameters T2* and T2 in the Kidney. <i>Methods in Molecular Biology</i> , 2021, 2216, 403-417.	0.9	2
5	MRI Mapping of the Blood Oxygenation Sensitive Parameter T2* in the Kidney: Basic Concept. <i>Methods in Molecular Biology</i> , 2021, 2216, 171-185.	0.9	7
6	A standard system phantom for magnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 1194-1211.	3.0	44
7	Technical recommendations for clinical translation of renal MRI: a consensus project of the Cooperation in Science and Technology Action PARENCHIMA. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020, 33, 131-140.	2.0	44
8	Consensus-based technical recommendations for clinical translation of renal diffusion-weighted MRI. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020, 33, 177-195.	2.0	61
9	Consensus-based technical recommendations for clinical translation of renal ASL MRI. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020, 33, 141-161.	2.0	80
10	Consensus-based technical recommendations for clinical translation of renal BOLD MRI. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020, 33, 199-215.	2.0	68
11	Consensus-based technical recommendations for clinical translation of renal T1 and T2 mapping MRI. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020, 33, 163-176.	2.0	52
12	Relative Hypoxia and Early Diabetic Kidney Disease in Type 1 Diabetes. <i>Diabetes</i> , 2020, 69, 2700-2708.	0.6	34
13	Kidney Functional Magnetic Resonance Imaging and Change in eGFR in Individuals with CKD. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2020, 15, 776-783.	4.5	27
14	Visualizing mitochondrial (dys)function using positron emission tomography imaging. <i>Kidney International</i> , 2020, 98, 51-53.	5.2	3
15	The role of renal hypoxia in the pathogenesis of diabetic kidney disease: a promising target for newer renoprotective agents including SGLT2 inhibitors?. <i>Kidney International</i> , 2020, 98, 579-589.	5.2	111
16	Medullary Blood Oxygen Level-Dependent MRI Index (R2*) is Associated with Annual Loss of Kidney Function in Moderate CKD. <i>American Journal of Nephrology</i> , 2020, 51, 966-974.	3.1	16
17	Cortical Perfusion and Tubular Function as Evaluated by Magnetic Resonance Imaging Correlates with Annual Loss in Renal Function in Moderate Chronic Kidney Disease. <i>American Journal of Nephrology</i> , 2019, 49, 114-124.	3.1	42
18	Cine MRI during spontaneous cramps in women with menstrual pain. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 218, 506.e1-506.e8.	1.3	17

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19	Update on renal blood oxygenation level-dependent MRI to assess intrarenal oxygenation in chronic kidney disease. <i>Kidney International</i> , 2018, 93, 778-780.	5.2	18
20	The Effects of Platelet-Activating Factor on Uterine Contractility, Perfusion, Hypoxia, and Pain in Mice. <i>Reproductive Sciences</i> , 2018, 25, 384-394.	2.5	17
21	Multicenter Study Evaluating Intrarenal Oxygenation and Fibrosis Using Magnetic Resonance Imaging in Individuals With Advanced CKD. <i>Kidney International Reports</i> , 2018, 3, 1467-1472.	0.8	13
22	BOLD quantified renal pO ₂ is sensitive to pharmacological challenges in rats. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 297-302.	3.0	5
23	Renal Blood Oxygenation Level-Dependent Magnetic Resonance Imaging. <i>Investigative Radiology</i> , 2015, 50, 821-827.	6.2	25
24	Multi-Parametric Evaluation of Chronic Kidney Disease by MRI: A Preliminary Cross-Sectional Study. <i>PLoS ONE</i> , 2015, 10, e0139661.	2.5	56
25	Evaluation of Renal Hypoxia in Diabetic Mice by BOLD MRI. <i>Investigative Radiology</i> , 2010, 45, 819-822.	6.2	59
26	Novel and efficient MR active aqueous colloidal Fe ₃ O ₄ nanoassemblies. <i>Journal of Materials Chemistry</i> , 2009, 19, 7023.	6.7	144
27	Functional Magnetic Resonance Imaging of the Kidney. , 2006, 124, 197-224.		1
28	Evaluation of Intra-Renal Oxygenation by BOLD MRI. <i>Nephron Clinical Practice</i> , 2006, 103, c58-c65.	2.3	77
29	Functional MRI of the kidney: tools for translational studies of pathophysiology of renal disease. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 290, F958-F974.	2.7	103
30	Noninvasive Evaluation of Intrarenal Oxygenation With BOLD MRI. <i>Circulation</i> , 1996, 94, 3271-3275.	1.6	370