

# Rasmus Stilling Tougaard

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

608  
citations

840585

11  
h-index

887953

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1216  
citing authors

#	ARTICLE	IF	CITATIONS
1	Remodeling after myocardial infarction and effects of heart failure treatment investigated by hyperpolarized [ $^{13}\text{C}$ ]pyruvate magnetic resonance spectroscopy. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 57-69.	1.9	0
2	Hyperpolarized [ $^{13}\text{C}$ ]pyruvate combined with the hyperinsulinaemic euglycaemic and hypoglycaemic clamp technique in skeletal muscle in a large animal model. <i>Experimental Physiology</i> , 2021, 106, 2412-2422.	0.9	1
3	The hemodynamic and metabolic effects of spironolactone treatment in acute kidney injury assessed by hyperpolarized MRI. <i>NMR in Biomedicine</i> , 2020, 33, e4371.	1.6	5
4	Creating a clinical platform for carbon-13 studies using the sodium-23 and proton resonances. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 1817-1827.	1.9	24
5	Visualization of sodium dynamics in the kidney by magnetic resonance imaging in a multi-site study. <i>Kidney International</i> , 2020, 98, 1174-1178.	2.6	17
6	The impact of the glucagon-like peptide-1 receptor agonist liraglutide on natriuretic peptides in heart failure patients with reduced ejection fraction with and without type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2020, 22, 2141-2150.	2.2	16
7	Heart rate increases in liraglutide treated chronic heart failure patients: association with clinical parameters and adverse events. <i>Scandinavian Cardiovascular Journal</i> , 2020, 54, 294-299.	0.4	10
8	Myocardial strain assessed by feature tracking cardiac magnetic resonance in patients with a variety of cardiovascular diseases – A comparison with echocardiography. <i>Scientific Reports</i> , 2019, 9, 11296.	1.6	44
9	Radiofrequency ablation lesions in low-, intermediate-, and normal-voltage myocardium: an in vivo study in a porcine heart model. <i>Europace</i> , 2019, 21, 1919-1927.	0.7	28
10	Hyperpolarized [ $^{13}\text{C}$ ]pyruvate MRI can image the metabolic shift in cardiac metabolism between the fasted and fed state in a porcine model. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 2655-2665.	1.9	9
11	Dynamic coronary MR angiography in a pig model with hyperpolarized water. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 1165-1169.	1.9	12
12	Acute hypertensive stress imaged by cardiac hyperpolarized [ $^{13}\text{C}$ ]pyruvate magnetic resonance. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 2053-2061.	1.9	9
13	Hyperpolarized [ $^{13}\text{C}$ ] pyruvate as a possible diagnostic tool in liver disease. <i>Physiological Reports</i> , 2018, 6, e13943.	0.7	11
14	$^{13}\text{C}$ Pyruvate Transport Across the Blood-Brain Barrier in Preclinical Hyperpolarised MRI. <i>Scientific Reports</i> , 2018, 8, 15082.	1.6	43
15	Imaging porcine cardiac substrate selection modulations by glucose, insulin and potassium intervention: A hyperpolarized [ $^{13}\text{C}$ ]pyruvate study. <i>NMR in Biomedicine</i> , 2017, 30, e3702.	1.6	16
16	Effect of liraglutide, a glucagon-like peptide-1 analogue, on left ventricular function in stable chronic heart failure patients with and without diabetes (LIVE) – a multicentre, double-blind, randomised, placebo-controlled trial. <i>European Journal of Heart Failure</i> , 2017, 19, 69-77.	2.9	343
17	Renal MR angiography and perfusion in the pig using hyperpolarized water. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 1131-1135.	1.9	18
18	Clinical and Proctoscopic Evaluation of Topical Formalin Application in the Treatment of Chronic Radiation Proctitis. <i>Scandinavian Journal of Surgery</i> , 2013, 102, 96-100.	1.3	2