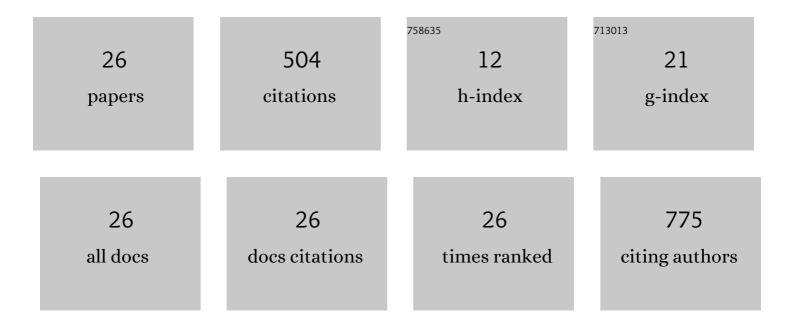
Kerstin N Timm

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Cancer Therapy-Induced Cardiotoxicity—A Metabolic Perspective on Pathogenesis, Diagnosis and Therapy. International Journal of Molecular Sciences, 2022, 23, 441.	1.8	18
2	Neutrophils incite and macrophages avert electrical storm after myocardial infarction. , 2022, 1, 649-664.		33
3	A 3D hybridâ€shot spiral sequence for hyperpolarized imaging. Magnetic Resonance in Medicine, 2021, 85, 790-801.	1.9	2
4	Probing hepatic metabolism of [2-13C]dihydroxyacetone in vivo with 1H-decoupled hyperpolarized 13C-MR. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2021, 34, 49-56.	1.1	10
5	Novel Views on Heart Function from Dynamic Hyperpolarized NMR. , 2021, , 205-235.		Ο
6	Rapid, â€insensitive, dualâ€band quasiâ€adiabatic saturation transfer with optimal control for complete quantification of myocardial ATP flux. Magnetic Resonance in Medicine, 2021, 85, 2978-2991.	1.9	4
7	L-Carnitine Stimulates In Vivo Carbohydrate Metabolism in the Type 1 Diabetic Heart as Demonstrated by Hyperpolarized MRI. Metabolites, 2021, 11, 191.	1.3	6
8	Hyperpolarized magnetic resonance shows that the antiâ€ischemic drug meldonium leads to increased flux through pyruvate dehydrogenase in vivo resulting in improved postâ€ischemic function in the diabetic heart. NMR in Biomedicine, 2021, 34, e4471.	1.6	5
9	Metabolic Effects of Doxorubicin on the Rat Liver Assessed With Hyperpolarized MRI and Metabolomics. Frontiers in Physiology, 2021, 12, 782745.	1.3	12
10	Early detection of doxorubicin-induced cardiotoxicity in rats by its cardiac metabolic signature assessed with hyperpolarized MRI. Communications Biology, 2020, 3, 692.	2.0	25
11	Nicotinic acid receptor agonists impair myocardial contractility by energy starvation. FASEB Journal, 2020, 34, 14878-14891.	0.2	3
12	The Role of AMPK Activation for Cardioprotection in Doxorubicin-Induced Cardiotoxicity. Cardiovascular Drugs and Therapy, 2020, 34, 255-269.	1.3	97
13	Rescue of myocardial energetic dysfunction in diabetes through the correction of mitochondrial hyperacetylation by honokiol. JCI Insight, 2020, 5, .	2.3	17
14	P16â€Hyperpolarized 13c magnetic resonance spectroscopy identifies changes to myocardial metabolic fluxes in a rat model of doxorubicin-induced cardiotoxicity. , 2018, , .		0
15	P27â€Depletion of cardiac succinate mediates impaired hypoxia-inducible factor 1Α signalling by long chain fatty acids in insulin resistance. , 2018, , .		Ο
16	P30â€Effects of carnitine supplementation in the type 1 diabetic heart: an in vivo hyperpolarized mrs study. , 2018, , .		0
17	Fatty Acids Prevent Hypoxia-Inducible Factor-1α Signaling Through Decreased Succinate in Diabetes. JACC Basic To Translational Science, 2018, 3, 485-498.	1.9	55
18	Cardiac applications of hyperpolarised magnetic resonance. Progress in Nuclear Magnetic Resonance Spectroscopy, 2018, 106-107, 66-87.	3.9	14

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#	Article	IF	CITATIONS
19	Assessing the optimal preparation strategy to minimize the variability of cardiac pyruvate dehydrogenase flux measurements with hyperpolarized MRS. NMR in Biomedicine, 2018, 31, e3992.	1.6	4
20	Assessing Oxidative Stress in Tumors by Measuring the Rate of Hyperpolarized [1-13C]Dehydroascorbic Acid Reduction Using 13C Magnetic Resonance Spectroscopy. Journal of Biological Chemistry, 2017, 292, 1737-1748.	1.6	32
21	Imaging Tumor Metabolism to Assess Disease Progression and Treatment Response. Clinical Cancer Research, 2016, 22, 5196-5203.	3.2	15
22	¹³ C magnetic resonance spectroscopy measurements with hyperpolarized [1― ¹³ C] pyruvate can be used to detect the expression of transgenic pyruvate decarboxylase activity in vivo. Magnetic Resonance in Medicine, 2016, 76, 391-401.	1.9	8
23	¹³ C magnetic resonance spectroscopic imaging of hyperpolarized [1― ¹³ C, U― ² H ₅] ethanol oxidation can be used to assess aldehyde dehydrogenase activity in vivo. Magnetic Resonance in Medicine, 2015, 73, 1733-1740.	1.9	21
24	Detection of transgene expression using hyperpolarized ¹³ C urea and diffusionâ€weighted magnetic resonance spectroscopy. Magnetic Resonance in Medicine, 2015, 73, 1401-1406.	1.9	31
25	Hyperpolarized [U- ² H, U- ¹³ C]Glucose reports on glycolytic and pentose phosphate pathway activity in EL4 tumors and glycolytic activity in yeast cells. Magnetic Resonance in Medicine, 2015, 74, 1543-1547.	1.9	38
26	Hyperpolarized singlet lifetimes of pyruvate in human blood and in the mouse. NMR in Biomedicine, 2013, 26, 1696-1704.	1.6	54