

Michal Rivlin

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

394
citations

1163117

8
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

622
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular imaging of tumors and metastases using chemical exchange saturation transfer (CEST) MRI. <i>Scientific Reports</i> , 2013, 3, 3045.	3.3	101
2	Functional molecular imaging of tumors by chemical exchange saturation transfer MRI of 3- ^o -methyl-d-glucose. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 1375-1380.	3.0	70
3	Glucosamine and N-acetyl glucosamine as new CEST MRI agents for molecular imaging of tumors. <i>Scientific Reports</i> , 2016, 6, 32648.	3.3	58
4	NMR Studies of the Equilibria and Reaction Rates in Aqueous Solutions of Formaldehyde. <i>Journal of Physical Chemistry B</i> , 2015, 119, 4479-4487.	2.6	53
5	CEST MRI of 3- ^o -methyl-d-glucose on different breast cancer models. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 1061-1069.	3.0	44
6	Molecular imaging of tumors by chemical exchange saturation transfer MRI of glucose analogs. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019, 9, 1731-1746.	2.0	24
7	NMR studies of proton exchange kinetics in aqueous formaldehyde solutions. <i>Journal of Magnetic Resonance</i> , 2014, 242, 107-112.	2.1	12
8	Molecular imaging of cancer by glucosamine chemical exchange saturation transfer MRI: A preclinical study. <i>NMR in Biomedicine</i> , 2021, 34, e4431.	2.8	9
9	3-O-Methyl-d-glucose mutarotation and proton exchange rates assessed by ¹³ C, ¹ H NMR and by chemical exchange saturation transfer and spin lock measurements. <i>Journal of Biomolecular NMR</i> , 2018, 72, 93-103.	2.8	8
10	What do we know about dynamic glucose-enhanced (DGE) MRI and how close is it to the clinics? Horizon 2020 GLINT consortium report. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2022, 35, 87-104.	2.0	7
11	Breast cancer imaging with glucosamine CEST (chemical exchange saturation transfer) MRI: first human experience. <i>European Radiology</i> , 2022, 32, 7365-7373.	4.5	7
12	Phosphate buffer-catalyzed kinetics of mutarotation of glucosamine investigated by NMR spectroscopy. <i>Carbohydrate Research</i> , 2022, 517, 108581.	2.3	1