

Elena Vinogradov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9387177/publications.pdf>

Version: 2024-02-01

13
papers

514
citations

1040056

9
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

853
citing authors

#	ARTICLE	IF	CITATIONS
1	The use of variable delay multipulse chemical exchange saturation transfer for separately assessing different CEST pools in the human brain at 7T. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 872-883.	3.0	9
2	Combining inhomogeneous magnetization transfer and multipoint Dixon acquisition: Potential utility and evaluation. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 2136-2144.	3.0	6
3	MRI monitoring of energy storage in vivo using magnetization pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5092-5094.	7.1	1
4	Imaging molecules. <i>Journal of Magnetic Resonance</i> , 2019, 306, 145-149.	2.1	3
5	Accelerating chemical exchange saturation transfer <scp>MRI</scp> with parallel blind compressed sensing. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 504-513.	3.0	22
6	CESTâ€Dixon for human breast lesion characterization at 3 T: A preliminary study. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 895-903.	3.0	48
7	Zâ€spectrum appearance and interpretation in the presence of fat: Influence of acquisition parameters. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 2731-2737.	3.0	25
8	Microstructural correlates of 3D steadyâ€state inhomogeneous magnetization transfer (ihMT) in the human brain white matter assessed by myelin water imaging and diffusion tensor imaging. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 2402-2414.	3.0	34
9	Balanced Steady-State Free Precession (bSSFP) from an effective field perspective: Application to the detection of chemical exchange (bSSFPX). <i>Journal of Magnetic Resonance</i> , 2017, 275, 55-67.	2.1	9
10	Selective spectroscopic imaging of hyperpolarized pyruvate and its metabolites using a singleâ€echo variable phase advance method in balanced SSFP. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 1102-1115.	3.0	23
11	pH imaging of mouse kidneys in vivo using a frequencyâ€dependent paraCEST agent. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 2432-2441.	3.0	54
12	UCEPR: Ultrafast localized CEST-spectroscopy with PRESS in phantoms and in vivo. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 1875-1885.	3.0	23
13	CEST: From basic principles to applications, challenges and opportunities. <i>Journal of Magnetic Resonance</i> , 2013, 229, 155-172.	2.1	257