

Elena Vinogradov

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

514
citations

1040056

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13
docs citations

13
times ranked

853
citing authors

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