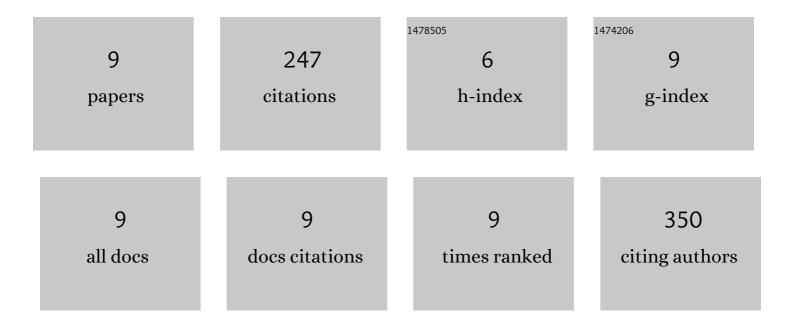
## James Ratnakar

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/12145118/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	A concentration-independent method to measure exchange rates in PARACEST agents. Magnetic Resonance in Medicine, 2010, 63, 625-632.	3.0	176
2	Using frequencyâ€labeled exchange transfer to separate out conventional magnetization transfer effects from exchange transfer effects when detecting ParaCEST agents. Magnetic Resonance in Medicine, 2012, 67, 906-911.	3.0	21
3	In vivo imaging of paraCEST agents using frequency labeled exchange transfer <scp>MRI</scp> . Magnetic Resonance in Medicine, 2014, 71, 286-293.	3.0	10
4	Conditions for 13C NMR detection of 2-hydroxyglutarate in tissue extracts from isocitrate dehydrogenase-mutated gliomas. Analytical Biochemistry, 2015, 481, 4-6.	2.4	10
5	Hyperpolarized <sup>13</sup> C MR Spectroscopy Depicts in Vivo Effect of Exercise on Pyruvate Metabolism in Human Skeletal Muscle. Radiology, 2021, 300, 626-632.	7.3	10
6	Hepatic gluconeogenesis influences 13C enrichment in lactate in human brain tumors during metabolism of [1,2-13C]acetate. Neurochemistry International, 2016, 97, 133-136.	3.8	7
7	Elucidating the structural organization of a novel low-density lipoprotein nanoparticle reconstituted with docosahexaenoic acid. Chemistry and Physics of Lipids, 2017, 204, 65-75.	3.2	6
8	Dynamic <sup>13</sup> C MR spectroscopy as an alternative to imaging for assessing cerebral metabolism using hyperpolarized pyruvate in humans. Magnetic Resonance in Medicine, 2022, 87, 1136-1149.	3.0	4
9	Hyperpolarized 89Y-EDTMP complex as a chemical shift-based NMR sensor for pH at the physiological range. Journal of Magnetic Resonance, 2020, 320, 106837.	2.1	3