

Yurii Shepelytskyi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Persistent ¹²⁹ Xe MRI Pulmonary and CT Vascular Abnormalities in Symptomatic Individuals with Post-acute COVID-19 Syndrome. <i>Radiology</i> , 2022, 305, 466-476.	7.3	37
2	Hyperpolarized ¹²⁹ Xe Time-of-Flight MR Imaging of Perfusion and Brain Function. <i>Diagnostics</i> , 2020, 10, 630.	2.6	16
3	Cyclodextrin-Based Pseudorotaxanes: Easily Conjugatable Scaffolds for Synthesizing Hyperpolarized Xenon-129 Magnetic Resonance Imaging Agents. <i>ACS Omega</i> , 2018, 3, 677-681.	3.5	14
4	Molecular Imaging of Fluorinated Probes for Tau Protein and Amyloid- β Detection. <i>Molecules</i> , 2020, 25, 3413.	3.8	12
5	Decacationic Pillar[5]arene: A New Scaffold for the Development of ¹²⁹ Xe MRI Imaging Agents. <i>ACS Omega</i> , 2020, 5, 27783-27788.	3.5	9
6	In-Vivo Retention of 5-Fluorouracil Using ¹⁹ F Magnetic Resonance Chemical Shift Imaging in Colorectal Cancer in a Murine Model. <i>Scientific Reports</i> , 2019, 9, 13244.	3.3	7
7	Evaluation of fluorine- ¹⁹ magnetic resonance imaging of the lungs using octafluorocyclobutane in a rat model. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 987-994.	3.0	7
8	Hyperpolarized ¹²⁹ Xe multi-slice imaging of the human brain using a 3D gradient echo pulse sequence. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 3175-3181.	3.0	7
9	Hyperpolarized ¹²⁹ Xe imaging of the brain: Achievements and future challenges. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 83-105.	3.0	7
10	Cyclodextrin-Based Contrast Agents for Medical Imaging. <i>Molecules</i> , 2020, 25, 5576.	3.8	5
11	The effects of an initial depolarization pulse on dissolved phase hyperpolarized ¹²⁹ Xe brain MRI. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 3147-3155.	3.0	5
12	Investigation of photoconductivity and electric field distribution in CZT detectors by time-of-flight (TOF) and charge extraction by linearly increasing voltage (CELIV). <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 13941-13951.	2.2	2
13	Photoinduced nonlinear magnetoelectric effect detection in Zn ₂ Y hexaferrite. <i>Applied Physics Letters</i> , 2021, 119, 062401.	3.3	0