

Suk-Min Hong

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

192
citations

1307594

7
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

226
citing authors

#	ARTICLE	IF	CITATIONS
1	New design concept of monopole antenna array for UHF 7T MRI. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 1944-1952.	3.0	41
2	A form-fitted three channel ³¹ P, two channel ¹ H transceiver coil array for calf muscle studies at 7 T. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 2376-2389.	3.0	40
3	The state-of-the-art and emerging design approaches of double-tuned RF coils for X-nuclei, brain MR imaging and spectroscopy: A review. <i>Magnetic Resonance Imaging</i> , 2020, 72, 103-116.	1.8	32
4	Design and construction of a novel 1 H/ 19 F double-tuned coil system using PIN-diode switches at 9.4 T. <i>Journal of Magnetic Resonance</i> , 2017, 279, 11-15.	2.1	18
5	Extended Monopole antenna Array with individual Shield (EMAS) coil: An improved monopole antenna design for brain imaging at 7 tesla MRI. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 2566-2572.	3.0	13
6	Design of a Quadrature 1H/31P Coil Using Bent Dipole Antenna and Four-Channel Loop at 3T MRI. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 2613-2618.	8.9	11
7	Intracranial microvascular imaging at 7T MRI with transceiver RF coils. <i>Magnetic Resonance Imaging</i> , 2014, 32, 1133-1138.	1.8	9
8	Design and evaluation of a ¹ H/ ³¹ P double-resonant helmet coil for 3T MRI of the brain. <i>Physics in Medicine and Biology</i> , 2019, 64, 035003.	3.0	8
9	Design, evaluation and comparison of endorectal coils for hybrid MR-PET imaging of the prostate. <i>Physics in Medicine and Biology</i> , 2020, 65, 115005.	3.0	7
10	A Novel J-Shape Antenna Array for Simultaneous MR-PET or MR-SPECT Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2022, 41, 1104-1113.	8.9	7
11	Microvascular imaging experiences of time-of-flight MRA at 7T for cerebrovascular diseases. <i>International Journal of Imaging Systems and Technology</i> , 2014, 24, 121-128.	4.1	3
12	MR-compatible, 3.8 inch dual organic light-emitting diode (OLED) in-bore display for functional MRI. <i>PLoS ONE</i> , 2018, 13, e0205325.	2.5	3