

Suk-Min Hong

List of Publications by Year in descending order

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12
papers

192
citations

1307594

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all docs

12
docs citations

12
times ranked

226
citing authors

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