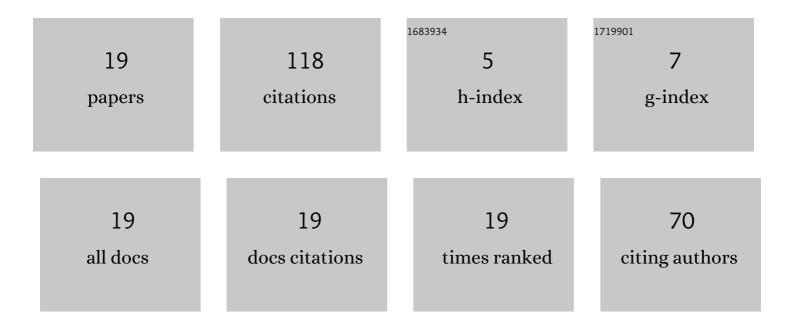
Ran Guo

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A technique for the reduction of RFâ€induced heating of active implantable medical devices during MRI. Magnetic Resonance in Medicine, 2022, 87, 349-364. | 1.9 | 8 |
| 2 | Magnetic resonance conditionality of abandoned leads from active implantable medical devices at 1.5 T. Magnetic Resonance in Medicine, 2022, 87, 394-408. | 1.9 | 16 |
| 3 | A Cascaded Heterogeneous Equivalent Network for Evaluating RF-Induced Hazards on Active Implantable Medical Devices. IEEE Transactions on Electromagnetic Compatibility, 2022, 64, 286-294. | 1.4 | 0 |
| 4 | Fast Prediction of RF-induced Heating for Sacral Neuromodulation System Exposed to Multi-Channel 2 RF Field at 3T MRI. , 2021, 2021, 4159-4162. | | 5 |
| 5 | Evaluation of the RF-induced lead-tip heating of AIMDs using a Volume-Weighed Tissue-Cluster Model for 1.5T MRI. , 2021, 2021, 1527-1530. | | 4 |
| 6 | MR Conditionality of Abandoned Leads from Active Implantable Medical Devices at 1.5T. , 2021, 2021, 7412-7415. | | 3 |
| 7 | Fast finite-difference time-domain (FDTD) method of two dimensional target scattering calculation by two-level hierarchical approach. Optik, 2020, 203, 163951. | 1.4 | 2 |
| 8 | Numerical Investigations of MRI RF-induced Heating for Passive Implants in Birdcage and TEM Body Coils at 3 Tesla. , 2020, , . | | 1 |
| 9 | Reducing MRI RF-induced heating for the external fixation using capacitive structures. Physics in Medicine and Biology, 2020, 65, 155017. | 1.6 | 2 |
| 10 | Reducing the Radiofrequency-Induced Heating of Active Implantable Medical Device with Load Impedance Modification. , 2020, , . | | 12 |
| 11 | An Absorbing Radio Frequency Shield to Reduce RF Heating Induced by Deep Brain Stimulator During 1.5-T MRI. IEEE Transactions on Electromagnetic Compatibility, 2019, 61, 1726-1732. | 1.4 | 8 |
| 12 | Computational and experimental investigation of RFâ€induced heating for multiple orthopedic implants. Magnetic Resonance in Medicine, 2019, 82, 1848-1858. | 1.9 | 19 |
| 13 | Impact of Electrode Structure on RF-Induced Heating for an AIMD Implanted Lead in a 1.5-Tesla MRI System. IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology, 2019, 3, 247-253. | 2.3 | 12 |
| 14 | Impacts of MRI frequency on RF-induced Heating for External Fixation with Insulating Material. , 2019, , | | 1 |
| 15 | Comparison of in-vivo and in-vitro MRI RF heating for orthopedic implant at 3 tesla. , 2017, , . | | 5 |
| 16 | Impacts of RF shimming on local SAR caused by MRI 3T birdcage coil near femoral plate implants. , 2017, , | | 4 |
| 17 | Comparison of in-vivo and in-vitro MRI RF heating for orthopedic implant at 3 tesla. , 2017, , . | | 1 |
| | | | |

| # | Article | IF | CITATIONS |
|----|--|----|-----------|
| 19 | MRI RF-Induced Heating in Heterogeneous Human Body with Implantable Medical Device. , 0, , . | | 8 |
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Ran Guo