

# Byungjai Kim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6855028/publications.pdf>

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11  
papers

155  
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1163117  
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198  
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#	ARTICLE	IF	CITATIONS
1	A deep learning approach for magnetization transfer contrast MR fingerprinting and chemical exchange saturation transfer imaging. <i>NeuroImage</i> , 2020, 221, 117165.	4.2	39
2	Unsupervised learning for magnetization transfer contrast MR fingerprinting: Application to CEST and nuclear Overhauser enhancement imaging. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 2040-2054.	3.0	27
3	MC <sup>2</sup> -Net: motion correction network for multi-contrast brain MRI. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 1077-1092.	3.0	16
4	Learning-based optimization of acquisition schedule for magnetization transfer contrast MR fingerprinting. <i>NMR in Biomedicine</i> , 2022, 35, e4662.	2.8	15
5	Unsupervised learning of a deep neural network for metal artifact correction using dual-polarity readout gradients. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 124-138.	3.0	14
6	Quantification of intravoxel incoherent motion with optimized b-values using deep neural network. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 230-244.	3.0	13
7	Synthesis of brain tumor multicontrast MR images for improved data augmentation. <i>Medical Physics</i> , 2021, 48, 2185-2198.	3.0	13
8	Optimization of steady-state pulsed CEST imaging for amide proton transfer at 3T MRI. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 3616-3627.	3.0	9
9	Retrospective motion gating in cardiac MRI using a simultaneously acquired navigator. <i>NMR in Biomedicine</i> , 2018, 31, e3874.	2.8	4
10	<sc>BUDA-MESMERISE</sc>: Rapid acquisition and unsupervised parameter estimation for <sc>T <sub>1</sub> </sc>, <sc>T <sub>2</sub> </sc>, <sc>M <sub>0</sub> </sc>, <sc>B <sub>0</sub> </sc>, and <sc>B <sub>1</sub> </sc> maps. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 292-308.	3.0	4
11	Unsupervised anomaly detection in MR images using multicontrast information. <i>Medical Physics</i> , 2021, 48, 7346-7359.	3.0	1