

Hyungmin Kang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Channel Characteristic-Based Deep Neural Network Models for Accurate Eye Diagram Estimation in High Bandwidth Memory (HBM) Silicon Interposer. IEEE Transactions on Electromagnetic Compatibility, 2022, 64, 196-208.	2.2	11
2	A Near Field Analytical Model for EMI Reduction and Efficiency Enhancement Using an <i>n</i> th Harmonic Frequency Shielding Coil in a Loosely Coupled Automotive WPT System. IEEE Transactions on Electromagnetic Compatibility, 2021, 63, 935-946.	2.2	15
3	Design and Analysis of HDMI 2.1 Connector for Crosstalk Reduction using Tabs and Inverse Tabs. , 2021, , .		1
4	A Deep Neural Network-based Estimation of EMI Reduction by an Intermediate Coil in Automotive Wireless Power Transfer System. , 2020, , .		4
5	A Deep Neural Network-based Estimation of Efficiency Enhancement by an Intermediate Coil in Automotive Wireless Power Transfer System. , 2020, , .		3
6	Bayesian Optimization of High-Speed Channel for Signal Integrity Analysis. , 2019, , .		12
7	Eye-Width and Eye-Height Estimation Method Based on Artificial Neural Network (ANN) for USB 3.0. , 2018, , .		9