

# Keisuke Konno

## List of Publications by Year in descending order

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37  
papers

151  
citations

1307594

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h-index

1281871

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docs citations

37  
times ranked

95  
citing authors

#	ARTICLE	IF	CITATIONS
1	Circuit Modeling of a Wireless Power Transfer System Containing Ferrite Shields Using an Extended Impedance Expansion Method. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 2872-2881.	4.6	2
2	Estimation of Equivalent Current Distribution Using Fourier Transform and Eigenmode Currents. IEEE Transactions on Electromagnetic Compatibility, 2022, 64, 1380-1390.	2.2	3
3	A Study on Scattering Performance of Reflectarray Element Covered by Dielectric Superstrate. IEEE Transactions on Antennas and Propagation, 2022, , 1-1.	5.1	0
4	Application of An Efficient Method of Moments to Numerical Analysis of 1-bit Transmitarrays. , 2021, , .		1
5	Diagnosis of Array Antennas Based on Phaseless Near-Field Data Using Artificial Neural Network. IEEE Transactions on Antennas and Propagation, 2021, 69, 3840-3848.	5.1	16
6	Detection of Defective Elements in Array Antennas Using Artificial Neural Networks and Eigenmode Currents. , 2021, , .		0
7	Notes on EFIE-PMCHWT Formulation for Feeding Gaps on Printed Conductors. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 2028-2032.	4.0	1
8	Efficient Method of Moments for Numerical Analysis of Antennas With Variable Load Impedance. IEEE Transactions on Antennas and Propagation, 2020, 68, 8233-8237.	5.1	3
9	Circuit Modeling of Wireless Power Transfer System in the Vicinity of Perfectly Conducting Scatterer. IEICE Transactions on Communications, 2020, E103.B, 1411-1420.	0.7	2
10	Experimental study of Ninja array antenna composed of Yagi-Uda antennas. IEICE Communications Express, 2019, 8, 554-559.	0.4	0
11	Compact design of two-elements cubic Yagi-Uda array antenna with high gain. IEICE Communications Express, 2019, 8, 652-656.	0.4	0
12	Ninja array antenna: novel approach for low backscattering phased array antenna. IET Microwaves, Antennas and Propagation, 2018, 12, 346-353.	1.4	4
13	A Study of Novel Characteristic Basis Function Method for Numerical Analysis of Large-Scale Finite Planar Periodic Arrays. , 2018, , .		1
14	Scattering and Radiation Performance of Ninja Array Antennas. , 2018, , .		4
15	A reflectarray using log-periodic dipole array element. , 2018, , .		2
16	Diagnosis of Array Antennas Using Eigenmode Currents and Near-Field Data. IEEE Transactions on Antennas and Propagation, 2018, 66, 5982-5989.	5.1	10
17	Wideband Scattering Performance of Reflectarray Using Log-Periodic Dipole Array. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1305-1308.	4.0	8
18	Numerical Analysis of Large-Scale Finite Periodic Arrays Using a Macro Block-Characteristic Basis Function Method. IEEE Transactions on Antennas and Propagation, 2017, 65, 5348-5355.	5.1	21

#	ARTICLE	IF	CITATIONS
19	Scattering Performance of Log-Periodic Dipole Array. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 740-743.	4.0	7
20	Scattering performance of a reflectarray using log-periodic dipole array element. , 2017, , .		3
21	Efficiency improvement with a recursive Taylor expansion of Bessel functions for layered media Green's function. , 2017, , .		0
22	Continuous beam scanning performance of dipole array antenna coupled to meander two-wire parallel transmission line. IEICE Communications Express, 2017, 6, 490-495.	0.4	0
23	Numerical analysis of finite periodic array antenna using novel characteristic basis function method. , 2016, , .		1
24	Enhancing aperture efficiency of reflectarray by accurately evaluating mutual coupling of reflectarray elements. IEICE Communications Express, 2016, 5, 341-346.	0.4	7
25	Beam scanning capability and suppression of endfire radiation of dipole array antennas coupled to two-wire parallel transmission line. IEICE Communications Express, 2015, 4, 358-362.	0.4	1
26	Design of Compact Multiband Antenna for Triple-Band Cellular Base Stations. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 64-67.	4.0	13
27	Design of directivity of tapered slot antenna for triple-band cellular base stations. , 2014, , .		0
28	Numerical analysis of planar dipole antennas in the vicinity of dielectric object using HO-CBFM. , 2014, , .		0
29	Design of finite FSS-backed reflectarray by using BDP-CG method. , 2014, , .		0
30	Numerical analysis of antenna near dielectric object by using CBFM with arbitrary block division. , 2014, , .		0
31	The Numerical Analysis of an Antenna near a Dielectric Object Using the Higher-Order Characteristic Basis Function Method Combined with a Volume Integral Equation. IEICE Transactions on Communications, 2014, E97.B, 2066-2073.	0.7	8
32	Reflectarray design by induced electromotive force method. , 2013, , .		2
33	Quantitative study of computing time of direct/iterative solver for MoM by GPU computing. IEICE Communications Express, 2013, 2, 359-364.	0.4	1
34	Optimization of Block Size for CBFM in MoM. IEEE Transactions on Antennas and Propagation, 2012, 60, 4719-4724.	5.1	24
35	Statistical Analysis of Huge-Scale Periodic Array Antenna Including Randomly Distributed Faulty Elements. IEICE Transactions on Electronics, 2011, E94-C, 1611-1617.	0.6	1
36	Quantitative Evaluation for Computational Cost of CG-FMM on Typical Wiregrid Models. IEICE Transactions on Communications, 2010, E93-B, 2611-2618.	0.7	3

#	ARTICLE	IF	CITATIONS
37	Analysis of Huge-Scale Periodic Array Antenna Using Impedance Extension Method. IEICE Transactions on Communications, 2009, E92-B, 3869-3874.	0.7	2