

# Giovanni Antonino Aiello

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5295008/publications.pdf>

Version: 2024-02-01

8  
papers

225  
citations

1478505

6  
h-index

1588992

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

30  
citing authors

#	ARTICLE	IF	CITATIONS
1	Charge iteration: A procedure for the finite element computation of unbounded electrical fields. International Journal for Numerical Methods in Engineering, 1994, 37, 4147-4166.	2.8	71
2	Finite element iterative solution of skin effect problems in open boundaries. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 1996, 9, 125-143.	1.9	47
3	Finite-element solution of eddy-current problems in unbounded domains by means of the hybrid FEM-DBCI method. IEEE Transactions on Magnetics, 2003, 39, 1409-1412.	2.1	42
4	An improved solution scheme for open-boundary skin effect problems. IEEE Transactions on Magnetics, 2001, 37, 3474-3477.	2.1	22
5	A theoretical study of charge iteration. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 1996, 15, 22-46.	0.9	19
6	An Iterative Solution to FEM-BEM Algebraic Systems for Open-Boundary Electrostatic Problems. IEEE Transactions on Magnetics, 2007, 43, 1249-1252.	2.1	17
7	GMRES Solution of FEM-BEM Global Systems for Electrostatic Problems Without Voltaged Conductors. IEEE Transactions on Magnetics, 2013, 49, 1701-1704.	2.1	5
8	The FEM-BCI methods in EMC applications. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2018, 31, e2462.	1.9	2