

Emre KÄ±lÄ±Ã§

List of Publications by Year in descending order

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9
papers

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102
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | ELECTROMAGNETIC FIELD TRANSFORMATIONS FOR MEASUREMENTS AND SIMULATIONS (Invited Paper). Progress in Electromagnetics Research, 2015, 151, 127-150. | 4.4 | 104 |
| 2 | 3-D Imaging of Inhomogeneous Materials Loaded in a Rectangular Waveguide. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 1290-1296. | 4.6 | 20 |
| 3 | Regularized 1-D Dielectric Profile Inversion in a Uniform Metallic Waveguide by Measurement and Simulation. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 1437-1443. | 4.6 | 17 |
| 4 | Solution of 3D inverse scattering problems by combined inverse equivalent current and finite element methods. Journal of Computational Physics, 2015, 288, 131-149. | 3.8 | 13 |
| 5 | Complex Permittivity Determination of Dielectric Materials by Waveguide Measurements: A Robust Approach Based on Integral Equations. IEEE Microwave and Wireless Components Letters, 2011, 21, 631-633. | 3.2 | 9 |
| 6 | Contrast source inversion technique for the reconstruction of 3D inhomogeneous materials loaded in a rectangular waveguide. Inverse Problems, 2011, 27, 105002. | 2.0 | 6 |
| 7 | A Simple Data Transformation Technique for Inverse Scattering Applications in Waveguides. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 3650-3657. | 4.7 | 3 |
| 8 | A finite element boundary element domain decomposition inverse scattering technique. , 2015, , . | | 0 |
| 9 | A Coarse-fine Mesh Approach for Improved Solution of 3-D Inverse Problems in Unbounded Media. , 2020, , . | | 0 |