

Publikationen

<p>Stemme, F.; Bruns, M.; Geßwein, H.; Schroeder, M.; Sazegar, M.; Drahus, M. D.; Eichel, R.-A.; Paul, F.; Azucena, C.; Binder, J. R. <i>Fabrication and characterization of iron and fluorine co-doped BST thin films for microwave applications</i> Journal of Materials Science, 48 (2013) 3586-3596.</p>
<p>Sazegar, M.; Zheng, Y.; Kohler, C.; Maune, H.; Nikfalazar, M.; Binder, J. R.; Jakoby, R. <i>Beam Steering Transmitarray using Tunable Frequency Selective Surface with Integrated Ferroelectric Varactors</i> IEEE Transaction on Antennas and Propagation, 60 (2012) 5690-5699.</p>
<p>Zhou, X.; Sazegar, M.; Stemme, F.; Haußelt, J.; Jakoby, R.; Binder, J. R. <i>Correlation of microstructure and microwave properties of $Ba_{0.6}Sr_{0.4}TiO_3$ thick-films</i> Journal of the European Ceramic Society, 32 (2012) 4311-4318</p>
<p>Stemme, F.; Bruns, M.; Geßwein, H.; Schroeder, M.; Drahus, M. D.; Sazegar, M.; Paul, F.; Eichel, R. A.; Haußelt, J.; Binder, J. R. <i>Effects of thermal processing and iron doping in co-sputtered barium strontium titanate thin films</i> Journal of Materials Science, 47 (2012) 6929-6938</p>
<p>Friederich, A.; Kohler, C.; Zhou, X.; Sazegar, M.; Jakoby, R.; Binder, J. R. <i>Barium-Strontium-Titanat-Dickschichten für steuerbare Mikrowellenkomponenten: Prozesseinflüsse und Gefüge-Eigenschaftsbeziehungen</i> in Kriegesmann, J. [Hrsg.] Technische Keramische Werkstoffe, 128. Ergänzungslieferung - Keramische Werkstoffe - Mai 2012 Kapitel 8.5.8.0 Köln: Deutscher Wirtschaftsdienst</p>
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<p>Friederich, A.; Zhou, X.; Sazegar, M.; Haußelt, J.; Jakoby, R.; Hoffmann, M. J.; Binder, J. R. <i>The Influence of processing on the microstructure and the microwave properties of Co-F-codoped barium strontium titanate thick-films</i> Journal of European Ceramic Society, 32 (2012) 875-882</p>
<p>Sazegar, M.; Zheng, Y.; Maune, H.; Damm, C.; Zhou, X.; Jakoby, R. <i>Compact Tunable Phase Shifters on Screen-Printed BST for Balanced Phased Arrays</i> IEEE Transactions on Microwave Theory and Techniques, 59 (2011) 3331-3337</p>
<p>Zheng, Y.; Sazegar, M.; Maune, H.; Zhou, X.; Binder, J.R.; Jakoby, R. <i>Compact substrate integrated waveguide tunable filter based on ferroelectric ceramics</i> IEEE Microwave and Wireless Components Letters, 21 (2011) 477-479</p>
<p>Menesklou, W.; Paul, F.; Zhou, X.; Elsenheimer, H.; Binder, J. R.; Ivers-Tiffée, E. <i>Nonlinear ceramics for tunable microwave devices part I: materials properties and processing</i> Microsystem Technologies, 17 (2011) 203-211</p>

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