

Liste publication Redha Abdeddaim

Laboratoire de recherche : Institut Fresnel

2016

1. Alaoui, M., Rustomji, K., Chang, T. M., Tayeb, G., Sabouroux, P., Quidant, R., ... & **Abdeddaim, R.** (2016). Cyclic concentrator, carpet cloaks and fisheye lens via transformation plasmonics. *Journal of Optics*, 18(4), 044023.
2. Jouvaud, C., **Abdeddaim, R.**, Larrat, B., & de Rosny, J. (2016). Volume coil based on hybridized resonators for magnetic resonance imaging. *Applied Physics Letters*, 108(2), 023503.

2015

3. Ktorza, I., Ceresoli, L., Enoch, S., Guenneau, S., & **Abdeddaim, R.** (2015). Single frequency microwave cloaking and subwavelength imaging with curved wired media. *Optics express*, 23(8), 10319-10326.
4. Xu, J., Jiang, X., Fang, N., Georget, E., **Abdeddaim, R.**, Geffrin, J. M., ... & Guenneau, S. (2015). Molding acoustic, electromagnetic and water waves with a single cloak. *Scientific reports*, 5.
5. Ceresoli, L., **Abdeddaim, R.**, Antonakakis, T., Maling, B., Chmiala, M., Sabouroux, P., ... & Guenneau, S. (2015). Dynamic effective anisotropy: Asymptotics, simulations, and microwave experiments with dielectric fibers. *Physical Review B*, 92(17), 174307.
6. Georget, E., **Abdeddaim, R.**, Garde, F., & Sabouroux, P. (2015). An Open-Sleeve Folded U-Shaped Multiband Antenna. *Progress In Electromagnetics Research Letters*, 52, 1-9.
7. Proust, J., Bedu, F., Chenot, S., Soumahoro, I., Ozerov, I., Gallas, B., **Abdeddaim, R.**, & Bonod, N. (2015). Chemical Alkaline Etching of Silicon Mie Particles. *Advanced Optical Materials*, 3(9), 1280-1286.

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8. Schneider, S. W., Kemp, J., Georget, E., **Abdeddaim, R.**, & Sabouroux, P. (2014). A new method to design a multi-band flexible textile antenna [AMTA corner]. *Antennas and Propagation Magazine, IEEE*, 56(3), 240-248.
9. Georget, É., **Abdeddaim, R.**, & Sabouroux, P. (2014). A quasi-universal method to measure the electromagnetic characteristics of usual materials in the microwave range. *Comptes Rendus Physique*, 15(5), 448-457.
10. Boudarham, G., **Abdeddaim, R.**, & Bonod, N. (2014). Enhancing the magnetic field intensity with a dielectric gap antenna. *Applied Physics Letters*, 104(2), 021117 .

11. Georget, E., **Abdeddaim, R.**, & Sabouroux, P. (2014). Analytical, simulation and measurement studies of a dual-band open-sleeve curved meander line antenna on a flexible substrate. *Progress In Electromagnetics Research*, 145, 49-57.

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12. Rolly, B., Geffrin, J. M., **Abdeddaim, R.**, Stout, B., & Bonod, N. (2013). Controllable emission of a dipolar source coupled with a magneto-dielectric resonant subwavelength scatterer. *Scientific reports*, 3.
13. **Abdeddaim, R.**, Ourir, A., Geffrin, J. M., De Rosny, J., & Tayeb, G. (2013). Les métamatériaux: une solution pour l'ingénierie d'indice complexe. *REE. Revue de l'électricité et de l'électronique*, (4), 59-62.