LIST OF SCIENTIFIC PUBLICATIONS

List of publications in international refereed journals

1. A. Ben Khalifa, A. Ben Salem, R. Cherif, “Mid-infrared supercontinuum generation in multimode As2Se3 chalcogenide photonic crystal fiber,” Applied optics 56 (15), pp. 4319-4324 (2017). **IF: 1.78**

2. M. Diouf, R. Cherif, A. Ben Salem, A. Wague, “Ultra-Broadband, coherent mid-IR supercontinuum expanding from 1.5 to 12.2 μm in new design of AsSe2 photonic crystal fiber,” Journal of Modern Optics, vol 64, pp. 1335-1341 (2017). **IF: 1.1**


8.1. List of book chapter


### 8.3. Contributions to conference proceedings


15. Than Singh Saini, Amira Baili, Vinita Dahiya, Ajeet Kumar, Rim Cherif, Mourad Zghal, Ravindra K. Sinha, “Design of equiangular spiral photonic crystal fiber for supercontinuum generation at 1550 nm,” Accepted for publication in SPIE Optics and Photonics, San Diego, California, USA (2014). Oral presentation


27. A. Ben-Salem, R. Cherif, and M. Zghal, “Highly sensitive elliptical-nanowire-based sensor,”“Frontiers In Optics-OSA Annual Meeting, n° FW3A. 43, San Jose, California, USA (2012). Poster presentation, OSA Travel grant


36. A. Ben-Salem, R. Cherif, M. Zghal, “Tapered As2S3 chalcogenide photonic crystal fiber for broadband mid-infrared supercontinuum generation,” Frontiers In Optics-OSA Annual Meeting, San Jose, California, USA (2011). Oral presentation


