

Publication Lists:

Journal Paper:

1. **N. Xia** and S. Yoo, “Mode instability in ytterbium-doped non-circular fibers,” *Opt. Express* **25**(12), 13230–13251 (2017).
2. **N. Xia** and S. Yoo, “Power scaling to a kW level in a photodarkening fiber with presence of transverse mode instability,” being under revision.
3. **N. Xia** and S. Yoo, “Suppression of transverse mode instability in an annular core fiber,” being under revision.

Conference Paper:

1. **N. Xia** and S. Yoo, “Mode instability in a Yb-doped stretched core fiber,” in *Proceedings of Photonics West Conference, Fiber Lasers XIV: Technology and Systems*, **10083** (2017).
2. S. Yoo, **N. Xia**, R. Sidharthan, D. Ho, Y. Zhou, J. Ji and D. Yue “Asymmetric large mode area fibers,” in *Proceedings of CLEO-PR Conference (IEEE, 2017)*.
3. S. Yoo, J. Ji, X. Wu, S. Raghavan, D. Ho, **N. Xia**, J. Sahu and J. Nilsson, “Mode area scalability in rectangular core fiber,” in *Proceedings of IEEE Conference on Photonics* (IEEE, 2015), pp. 323 – 324.