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Publications

PUBLICATIONS

- **Design and Modeling of a Single-Ring Exceptional-Point Ring-Laser Gyroscope with Improved Angular Random Walk**
  Jia, H., Azzouz, M., Moslehi, B., Digonnet, M. J. F.
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  SPIE-INT SOC OPTICAL ENGINEERING.2026
- **Stable Multi-Wavelength Fiber Lasers for High-Precision Fiber-Optic Gyroscopes** *JOURNAL OF LIGHTWAVE TECHNOLOGY*
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  2025; 43 (18): 8959-8965
- **Modeling an Exceptional Point Gyroscope Utilizing a Single Ring Resonator and a Loss-Modulated Grating**
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- **Low-Drift Fiber-Optic Gyroscope Interrogated With Multiple Broadened Semiconductor Lasers** *JOURNAL OF LIGHTWAVE TECHNOLOGY*
  Jia, H., Wheeler, J. M., Iantosca, T., Digonnet, M. J. F.
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- **Optimal Shaping for the Stokes Vector Receiver** *JOURNAL OF LIGHTWAVE TECHNOLOGY*
  Jia, H., Liang, E., Kahn, J. M.
  2023; 41 (22): 6884-6897