

# Xiaojie Fan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2389709/publications.pdf>

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11  
papers

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1684188  
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106  
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| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Improving the adaptability of the optical performance monitor by transfer learning. Applied Optics, 2021, 60, 4827.   | 1.8 | 3         |
| 2  | Switchable transverse-mode operation of an actively mode-locked EDF laser based on low-modal-crosstalk mode MUX/DEMUX. Indian Journal of Physics, 2020, 94, 1071-1078.      | 1.8 | 1         |
| 3  | Reliable Optical Performance Monitor: The Combination of Parallel Framework and Skip Connected Generative Adversarial Network. IEEE Access, 2020, 8, 158391-158401.         | 4.2 | 5         |
| 4  | Design of Weakly-Coupled 16-Vector-Mode Coaxial Bragg FMF for Short-Haul Communication. IEEE Access, 2020, 8, 215214-215223.  | 4.2 | 1         |
| 5  | Enhancing the Credibility of the Optical Performance Monitor With Adversarial Training. IEEE Access, 2020, 8, 75682-75690.  | 4.2 | 4         |
| 6  | Mitigating ambiguity by deep-learning-based modal decomposition method. Optics Communications, 2020, 471, 125845.   | 2.1 | 15        |
| 7  | Feature Fusion-Based Multi-Task ConvNet for Simultaneous Optical Performance Monitoring and Bit-Rate/Modulation Format Identification. IEEE Access, 2019, 7, 126709-126719. | 4.2 | 18        |
| 8  | Design of weakly-coupled trench-assisted five-mode M-type fiber for short-haul communication in O band. Optical and Quantum Electronics, 2018, 50, 1.                       | 3.3 | 4         |
| 9  | Variable-Ratio Mode-Insensitive 1 Å— 2 Power Splitter Based on MMI Couplers and Phase Shifters. IEEE Photonics Journal, 2018, 10, 1-12.                                     | 2.0 | 4         |
| 10 | Joint Optical Performance Monitoring and Modulation Format/Bit-Rate Identification by CNN-Based Multi-Task Learning. IEEE Photonics Journal, 2018, 10, 1-12.                | 2.0 | 36        |
| 11 | Design of weakly-coupled three-spatial-mode rectangular-ring core fiber for short-reach MDM networks in C+L band. Optical and Quantum Electronics, 2018, 50, 1.             | 3.3 | 8         |