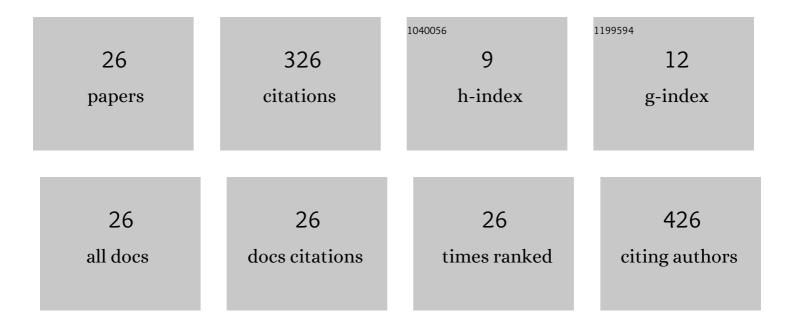
## Qianhuan Yu

List of Publications by Year in descending order

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Οιλνητιλή Υπ

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | High-sensitivity intravascular photoacoustic imaging of lipid–laden plaque with a collinear catheter<br>design. Scientific Reports, 2016, 6, 25236.   | 3.3 | 78        |
| 2  | High-speed intravascular photoacoustic imaging at 17 μm with a KTP-based OPO. Biomedical Optics<br>Express, 2015, 6, 4557.  | 2.9 | 41        |
| 3  | High-Power Evanescently Coupled Waveguide MUTC Photodiode With >105-GHz Bandwidth. Journal of Lightwave Technology, 2017, 35, 4752-4757.  | 4.6 | 35        |
| 4  | High-performance modified uni-traveling carrier photodiode integrated on a thin-film lithium niobate platform. Photonics Research, 2022, 10, 1338.  | 7.0 | 30        |
| 5  | Heterogeneous photodiodes on silicon nitride waveguides. Optics Express, 2020, 28, 14824.   | 3.4 | 29        |
| 6  | High-Power Photodiodes With 65 GHz Bandwidth Heterogeneously Integrated Onto<br>Silicon-on-Insulator Nano-Waveguides. IEEE Journal of Selected Topics in Quantum Electronics, 2018,<br>24, 1-6. | 2.9 | 19        |
| 7  | Phase-Modulated Analog Photonic Link With a High-Power High-Linearity Photodiode. Journal of<br>Lightwave Technology, 2018, 36, 3805-3814.  | 4.6 | 19        |
| 8  | Photon-number-resolving segmented detectors based on single-photon avalanche-photodiodes. Optics<br>Express, 2020, 28, 3660.  | 3.4 | 14        |
| 9  | High-Speed Evanescently-Coupled Waveguide Type-II MUTC Photodiodes for Zero-Bias Operation.<br>Journal of Lightwave Technology, 2020, 38, 6827-6832.  | 4.6 | 13        |
| 10 | Segmented waveguide photodetector with 90% quantum efficiency. Optics Express, 2018, 26, 12499.   | 3.4 | 9         |
| 11 | Ge-on-Si Waveguide Photodiode Array for High-Power Applications. , 2018, , .  |     | 7         |
| 12 | Reduction of Amplitude-to-Phase Conversion in Charge-Compensated Modified Unitraveling Carrier<br>Photodiodes. Journal of Lightwave Technology, 2018, 36, 5218-5223.                            | 4.6 | 7         |
| 13 | High-gain phase modulated analog photonic link using high-power balanced photodiodes. , 2017, , .   |     | 5         |
| 14 | High-power waveguide MUTC photodiode with 70 GHz bandwidth. , 2016, , .   |     | 4         |
| 15 | Low-Noise Balanced Photoreceiver With InP-on-Si Photodiodes and SiGe BiCMOS Transimpedance<br>Amplifier. Journal of Lightwave Technology, 2021, 39, 4837-4846.                                  | 4.6 | 4         |
| 16 | Ge-on-Si Balanced Periodic Traveling-Wave Photodetector. , 2019, , .  |     | 3         |
| 17 | High-performance InGaAs/InP photodiodes on silicon using low-temperature wafer-bonding. , 2018, , .   |     | 3         |
|    |   |     |           |

| #  | Article   | IF        | CITATIONS      |
|----|---|-----------|----------------|
| 19 | High Power Integrated 100 GHz Photodetectors. , 2018, , .   |           | 2              |
| 20 | Heterogeneous Photodiodes on Silicon Nitride Waveguides with 20 GHz Bandwidth. , 2020, , .                                  |           | 1              |
| 21 | A Fast Fourier Transform-Based Channel Estimation Algorithm for MLSE Equalization in Optical System. , 2011, , .            |           | Ο              |
| 22 | High-speed intravascular photoacoustic imaging of lipid-laden plaque at 1.7 micron (Conference) Tj ETQq0 0 0 rg             | BT /Overl | ock 10 Tf 50 6 |
| 23 | Zero-Bias GaAsSb/InP Photodiode with 40 GHz Bandwidth. , 2018, , .  |           | Ο              |
| 24 | Surface condensation sensor board for damp heat chamber. Review of Scientific Instruments, 2019, 90, 095102.                | 1.3       | 0              |
| 25 | Reduction of Amplitude-to-Phase Conversion in Charge-Compensated Modified Uni-traveling Carrier<br>Photodiodes. , 2018, , . |           | 0              |

26 Heterogeneous III-V Photodiodes on Silicon Nitride and Silicon. , 2020, , .

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