

# Ravinder Singh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3662808/publications.pdf>

Version: 2024-02-01

17  
papers

350  
citations

1478505

6  
h-index

1372567

10  
g-index

17  
all docs

17  
docs citations

17  
times ranked

352  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | An Enhanced Color Shift Keying Modulation Scheme for High-Speed Wireless Visible Light Communications. Journal of Lightwave Technology, 2014, 32, 2582-2592.                               | 4.6 | 172       |
| 2  | Performance evaluation of IEEE 802.15.7 CSK physical layer. , 2013, , .  |     | 37        |
| 3  | A SiPM-Based VLC Receiver for Gigabit Communication Using OOK Modulation. IEEE Photonics Technology Letters, 2020, 32, 317-320.  | 2.5 | 32        |
| 4  | Design and Characterisation of Terabit/s Capable Compact Localisation and Beam-Steering Terminals for Fiber-Wireless-Fiber Links. Journal of Lightwave Technology, 2020, 38, 6817-6826.    | 4.6 | 23        |
| 5  | An Independently Tunable Tri-Band Antenna Design for Concurrent Multiband Single Chain Radio Receivers. IEEE Transactions on Antennas and Propagation, 2017, 65, 6290-6297.                | 5.1 | 18        |
| 6  | Demonstration of >1Tbit/s WDM OWC with wavelength-transparent beam tracking-and-steering capability. Optics Express, 2021, 29, 33694.  | 3.4 | 12        |
| 7  | Performance Evaluation of Generalized Optical Spatial Modulation with Dimming Support. , 2018, , .   |     | 10        |
| 8  | Beyond Terabit/s WDM Optical Wireless Transmission using Wavelength-transparent Beam Tracking and Steering. , 2020, , .  |     | 9         |
| 9  | White Light Constrained Multi-Primary Modulation for Visible Light Communication. , 2017, , .  |     | 7         |
| 10 | Energy-Constrained Slot-Amplitude Modulation With Dimming Support. IEEE Photonics Technology Letters, 2018, 30, 1301-1304.   | 2.5 | 7         |
| 11 | A Digital Pre-Equalizer For Optical Wireless Links. Journal of Lightwave Technology, 2022, 40, 961-967.  | 4.6 | 6         |
| 12 | Fiber-Wireless-Fiber Terminals for Optical Wireless Communication over Multiple Bands. , 2020, , .   |     | 4         |
| 13 | Optical Energy-Constrained Slot-Amplitude Modulation for Dimmable VLC: Suboptimal Detection and Performance Evaluation. IEEE Transactions on Wireless Communications, 2021, 20, 1582-1595. | 9.2 | 4         |
| 14 | Raised Cosine Pulse Shaping for Pre-equalized Optical Wireless Links. IEEE Photonics Technology Letters, 2021, 33, 912-915.  | 2.5 | 4         |
| 15 | Coded color shift keying with frequency domain equalization for low complexity energy efficient indoor visible light communications. Physical Communication, 2018, 31, 160-168.            | 2.1 | 3         |
| 16 | WORTECS: enabling untethered Virtual Reality through Optical Wireless Communication. , 2020, , .   |     | 2         |
| 17 | Experimental Characterization of Turbo-Coded 20 Gbps Fiber-Wireless-Fiber Optical Links. IEEE Access, 2021, 9, 112726-112732.  | 4.2 | 0         |