

## Dr B Vasudevan- INDEXD SCOPUS PUBLICATIONS LIST

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1.	Modeling and performance investigation of 4 × 20 Gbps underwater optical wireless communication link incorporating space division multiplexing of Hermite Gaussian modes	Malathy, S., Singh, M., Malhotra, J., Vasudevan, B., Dhasarathan, V.	2020	Optical and Quantum Electronics 52(5)
2.	2 × 20 Gbit/s OFDM-based FSO transmission system for HAP-to-ground links incorporating mode division multiplexing with enhanced detection	Praveen, M., Vasudevan, B., Ransom, R.	2020	Journal of Optical Communications
3.	Study on person following drone with LAN establishment	Lourdes Dinesh, S., Pradeep, P., Vasudevan, B.	2019	2019 IEEE International Conference on System, Computation, Automation and Networking, ICSCAN 2019
4.	Design of D-shaped elliptical core photonic crystal fiber for blood plasma cell sensing application	Ahmed, K., Paul, B.K., Vasudevan, B., Rashed, A.N.Z., Maheswar, R., Amiri, I.S., Yupapin, P.	2019	Results in Physics 12, pp. 2021-2025
5.	Domination of intra-pulse Raman scattering over third order dispersion on avoiding in-phase soliton interaction	Udaiyakumar, R., Vasudevan, B., Bhupeshwaran, M., Vigneswaran, D.	2018	Optoelectronics and Advanced Materials, Rapid Communications 12(11-12), pp. 670-677
6.	Numerical study on optical properties of non-circular metamaterial optical fiber	Vasudevan, B., Ayyadurai, M., Maheswar, R., Mahalakshmi, P., Ayyanar, Amiri, I.S.	2018	Results in Physics 10, pp. 55-60
7.	Optical study on Er-Yb Co-doped boro-tellurite glasses for optical amplifiers	Vasudevan, B., Sivasubramanian, A., Ramesh Babu, M.	2017	Journal of Optoelectronics and Advanced Materials 19(1-2), pp. 11-15
8.	Analysis on nonlinear characteristics of EDFA in single channel dispersion compensated and uncompensated telecommunication system	Vasudevan, B., Sivasubramanian, A., Ramesh Babu, M.	2015	International Journal of Applied Engineering Research 10(23), pp. 43318-43327
9.	Characteristic study of Erbium (Er), Ytterbium (Yb) and Er-Yb Co-doped Optical fiber amplifiers	Vasudevan, B., Sivasubramanian, A.	2015	Optoelectronics and Advanced Materials, Rapid Communications 9(5-6), pp. 608-612
10.	Simulative study on erbium doped fiber amplifier with respect to temperature dependence	Vasudevan, B., Sivasubramanian, A., Mani, B.	2013	2013 IEEE International Conference on Computational Intelligence and Computing Research, IEEE ICCIC 2013