

Article Citations

- J. F. Cunniff, "Range applications of laser systems," *Opt. Eng.* **2**(2), 020247 (1964) [doi: 10.1117/12.7971275].
- C. J. Myatt, B. E. King, D. Kielpinski, D. Leibfried, Q. A. Turchette, C. S. Wood, W. M. Itano, C. Monroe, and D. J. Wineland, "Trapped ions, entanglement, and quantum computing," *Proc. SPIE* **3270**, 131–137 (1998) [doi: 10.1117/12.308371].
- T. C. Ralph, W. J. Munro, and G. J. Milburn, "Quantum computation based on linear optics," *Proc. SPIE* **4917**, 1–12 (2002) [doi: 10.1117/12.483016].
- X. Gao, W. C. W. Chan, and S. Nie, "Quantum-dot nanocrystals for ultrasensitive biological labeling and multicolor optical encoding," *J. Biomedical Optics* **7**(4), 532–537 (2002) [doi: 10.1117/1.1506706].
- S. E. Venegas-Andraca and S. Bose, "Storing, processing, and retrieving an image using quantum mechanics," *Proc. SPIE* **5105**, 137–147 (2003) [doi: 10.1117/12.485960].
- C. Elliott, A. Colvin, D. Pearson, O. Pikalo, J. Schlafer, and H. Yeh, "Current status of the DARPA Quantum Network" (Invited Paper), *Proc. SPIE* **5815**, 138–149 (2005) [doi: 10.1117/12.606489].
- R. W. Boyd, H. J. Chang, H. Shin, and C. O'Sullivan-Hale, "Progress in quantum lithography," *Proc. SPIE* **5893**, 58930G (2005) [doi: 10.1117/12.617683].
- S. Suchat, W. Khunnam, and P. P. Yupapin, "Quantum key distribution via an optical wireless communication link for telephone networks," *Opt. Eng.* **46**(10), 100502 (2007) [doi: 10.1117/1.2786479].
- C. McMurtry, D. Lee, J. Beletic, C.-Y. A. Chen, R. T. Demers, M. Dorn, D. Edwall, C. Bacon Fazar, W. J. Forrest, F. Liu, A. K. Mainzer, J. L. Pipher, and A. Yulius, "Development of sensitive long-wave infrared detector arrays for passively cooled space missions," *Opt. Eng.* **52**(9), 091804 (2013) [doi: 10.1117/1.OE.52.9.091804].
- J. Osborne, J. Orton, O. Alem, and V. Shah, "Fully integrated, standalone zero field optically pumped magnetometer for biomagnetism" (Invited Paper), *Proc. SPIE* **10548**, 105481G (2018) [doi: /10.1117/12.2299197].
- E. D. Payares and J. C. Martinez-Santos, "Quantum machine learning for intrusion detection of distributed denial of service attacks: a comparative overview," *Proc. SPIE* **11699**, 116990B (2021) [doi: 10.1117/12.2593297].
- J. Chung, G. Kanter, N. Lauk, R. Valivarthi, W. Wu, R. R. Ceballos, C. Peña, N. Sinclair, J. Thomas, S. Xie, R. Kettimuthu, P. Kumar, P. Spentzouris, and M. Spiropulu, "Illinois Express Quantum Network (IEQNET): metropolitan-scale experimental quantum networking over deployed optical fiber" (Invited Paper), *Proc. SPIE* **11726**, 1172602 (2021) [doi: 10.1117/12.2588007].
- P. M. Echternach, A. D. Beyer, and C. M. Bradford, "Large array of low-frequency readout quantum capacitance detectors," *J. Astron. Telesc. Instrum. Syst.* **7**(1), 011003 (2021) [doi: 10.1117/1.JATIS.7.1.011003].

- J. F. Haase, S. Grollius, S. Grosse, A. Buchner, and M. Ligges, "A 32×24 pixel SPAD detector system for LiDAR and quantum imaging," *Proc. SPIE* **11693**, 116930M (2021) [doi: 10.1117/12.2578775].
- X. Chen, Z. Fu, Q. Gong, and J. Wang, "Quantum entanglement on photonic chips: a review," *Advanced Photonics* **3**(6), 064002 (2021) [https://doi.org/10.1117/1.AP.3.6.064002].
- A. Conrad, S. Isaac, R. Cochran, D. Sanchez-Rosales, B. Wilens, A. Gutha, T. Rezaei, D. J. Gauthier, and P. Kwiat, "Drone-based quantum key distribution (QKD)," *Proc. SPIE* **11678**, 116780X (2021) [doi: 10.1117/12.2582376].
- B. P. F. Dirks, I. Ferrario, A. Le Pera, D. V. Finocchiaro, M. Desmons, D. de Lange, H. de Man, A. J. H. Meskers, J. Morits, N. M. P. Neumann, R. Saathof, and G. Witvoet, "GEOQKD: quantum key distribution from a geostationary satellite," *Proc. SPIE* **11852**, 118520J (2021) [doi: 10.1117/12.2599164].
- Z. C. Seskir, P. Migdał, C. Weidner, A. Anupam, N. Case, N. Davis, C. Decaroli, İ. Ercan, C. Foti, P. Gora, K. Jankiewicz, B. R. La Cour, J. Y. Malo, S. Maniscalco, A. Naemi, L. Nita, N. Parvin, F. Scafirimuto, J. F. Sherson, E. Surer, J. Wootton, L. Yeh, O. Zabello, and M. Chiofalo, "Quantum games and interactive tools for quantum technologies outreach and education," *Opt. Eng.* **61**(8), 081809 (2022) [doi: 10.1117/1.OE.61.8.081809].
- M. Kaur and A. Venegas-Gomez, "Defining the quantum workforce landscape: a review of global quantum education initiatives," *Opt. Eng.* **61**(8), 081806 (2022) [doi: 10.1117/1.OE.61.8.081806].
- M. Hasanovic, C. Panayiotou, D. Silberman, P. Stimers, and C. Merzbacher, "Quantum technician skills and competencies for the emerging Quantum 2.0 industry," *Opt. Eng.* **61**(8), 081803 (2022) [doi: 10.1117/1.OE.61.8.081803].
- A. Bera, Y. Marin, M. Harjanne, M. Cherchi, and T. Aalto, "Ultra-low loss waveguide platform in silicon photonics," *Proc. SPIE* **12006**, 1200603 (2022) [doi: 10.1117/12.2610022].

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