STC12C5A. Instrumentation, Mesure, Metrologie, 17(4): 593-603. https://doi.org/10.3166/I2M.17.593-603

[24] Blanco-Redondo, A., Sarriugate, P., Garcia-Adeva, A., Zubia, J., Hillenbrand, R. (2014). Coupling mid-infrared light from a phCotonic crystal waveguide to metallic transmission lines. Applied Physics Letters, 104(1): https://doi.org/10.1063/1.4859635

[25] Edwards, D.F., Ochoa, E. (1980). Infrared refractive index of silicon. Applied Optics, 19(24): 4130-4131. https://doi.org/10.1364/AO.19.004130

[26] Pal, S., Guillermain, E., Sriram, R., Miller, B., Fauchet, P.M. (2010). Microcavities in photonic crystal waveguides for biosensor applications. Frontiers in Pathogen Detection: From Nanosensors to Systems, 7553: 755304–10. https://doi.org/10.1117/12.848237

[27] Akahane, Y., Asano, T., Song, B., Noda, S. (2003). High-Q photonic nanocavity in a two-dimensional photonic crystal. Nature, 425: 944-947. https://doi.org/10.1038/nature02015.1

[28] Yablonovitch, E., Gmitter, T.J., Meade, R.D., Rappe, A.M., Brommer, K.D., Joanopoulos, J.D. (1991). Donor and acceptor modes in photonic band structure. Physical Review Letters, 67(24): 3380–3383 https://doi.org/10.1103/PhysRevLett.67.3380

[29] Zhang, Y., Zhao, Y., Wang, Q. (2015). Measurement of methane concentration with cryptophane E infiltrated photonic crystal microcavity. Sensors Actuators B: Chemical, 209: 431–437. https://doi.org/10.1016/j.snb.2014.12.002

[30] Wang, X., Xu, Z., Lu, N., Zhu, J., Jin, G. (2008). Ultracompact refractive index sensor based on microcavity in the sandwiched photonic crystal waveguid. Optics Communications, 281(6): 1725–1731. https://doi.org/10.1016/j.optcom.2007.11.040

[31] Dorfner, D.F., Hurlimann, T., Zabel, T., Frandsen, L.H., Abstreiter, G., Finley, J.J. (2008). Silicon photonic crystal nanostructures for refractive index sensing. Applied Physics Letters, 93(18): 2006–2009. https://doi.org/10.1063/1.3009203

[32] Dutta, H.S., Pal, S. (2013). Design of a highly sensitive photonic crystal waveguide platform for refractive index based biosensing. Optical and Quantum Electronics, 45(9): 907–917. https://doi.org/10.1007/s11082-013-9697-x