

## DAFTAR PUSTAKA

- Choi et al. 2011. Highly sensitive oxygen gas sensor using surface plasmon with a common path homodyne interferometer. *OPTICS*, 284(19), 4588–4591. <https://doi.org/10.1016/j.optcom.2011.05.054>.
- Data Centric Technology. 2016. *Perbedaan Kabel Fiber Optik Single Mode dan Multimode*. <https://www.dct.co.id/home/artikel/195-perbedaan-kabel-fiber-optik-single-mode-dan-multimode.html> diakses pada tanggal 31 Juli 2020.
- Deng et al. 2010. *Refractive index measurement using photonic crystal fiber-based Fabry-Perot interferometer*. *Applied Optics*, 49(9), 1593–1598. <https://doi.org/10.1364/AO.49.001593>.
- Devendiran et al. 2018. *Optical Fiber Technology Fiber optic gas sensor based on light detection from the samarium oxide clad modified region*. *Optical Fiber Technology*, 46(October), 215–220. <https://doi.org/10.1016/j.yofte.2018.10.014>.
- Duan et al. 2011. *Sensors and Actuators B : Chemical In-fiber Mach – Zehnder interferometer formed by large lateral offset fusion splicing for gases refractive index measurement with high sensitivity*. 160, 1198–1202. <https://doi.org/10.1016/j.snb.2011.09.048>.
- Duan et al. 2012. *High sensitivity gas refractometer based on all-fiber open-cavity Fabry–Perot interferometer formed by large lateral offset splicing*. *Journal of the Optical Society of America B*, 29(5), 912. <https://doi.org/10.1364/josab.29.000912>.
- Fang et al. 2016. *Diaphragm-free fiber-optic Fabry-Perot interferometer based on tapered hollow silica tube*. *Optics Communications*, 371, 201–205. <https://doi.org/10.1016/j.optcom.2016.03.026>.

- Feng et al. 2017. Sensors and Actuators B : Chemical Hydrogen sulfide gas sensor based on graphene-coated tapered photonic crystal fiber interferometer. Sensors & Actuators: B. Chemical, 247, 540–545. <https://doi.org/10.1016/j.snb.2017.03.070>.
- Ferreira et al. 2011. *Fabry–Perot cavity based on a diaphragm-free hollow-core silica tube*. Optics Letters, 36(20), 4029. <https://doi.org/10.1364/ol.36.004029>.
- Giovanna de Lisso and Cristiano Fidani, 2014. *Electrical Charges Associated With Sky Darkening And The Turin Shroud*. Cuneo, Italy.
- Gong et al. 2018. *Sensors and Actuators B : Chemical Photoacoustic spectroscopy based multi-gas detection using high-sensitivity fiber-optic low-frequency acoustic sensor*. Sensors & Actuators: B. Chemical, 260, 357–363. <https://doi.org/10.1016/j.snb.2018.01.005>.
- Guenther, Robert D. 1990. *Modern Optics*. Canada: United State of America.
- Jia et al. 2017. *Temperature-compensated fiber-optic Fabry–Perot interferometric gas refractive-index sensor based on hollow silica tube for high-temperature application*. Sensors and Actuators, B: Chemical, 244, 226–232. <https://doi.org/10.1016/j.snb.2016.12.123>.
- Keiser. 1991. optical fiber communication. United States: McGraw – Hill International Edition.
- Li et al. 2014. *Ultrasensitive refractive index sensor based on a Mach – Zehnder interferometer created in twin-core fiber*. 39(17), 4982–4985.
- Li et al. 2015. *Highly-sensitive gas pressure sensor using twin- core fiber based in-line Mach-Zehnder interferometer*. 23(5), 2827–2830. <https://doi.org/10.1364/OE.23.006673>.

Marzuaraman. 2017. *Penentuan Tingkat Konsentrasi Gas Menggunakan Metode Inferometri Optik*. Jurusan Teknik Elektro Fakultas Teknologi Industri Institut Teknologi Sepuluh Nopember Surabaya.

NKT Photonics. 2020. *Photonic Crystal Fiber*.  
<https://www.nktpotonics.com/lasers-fibers/technology/photonic-crystal-fibers/> diakses pada tanggal 31 Juli 2020.

RP Photonics Encyclopedia. 2020. *Hollow Core Fibers*. [https://www.rp-photonics.com/hollow\\_core\\_fibers.html](https://www.rp-photonics.com/hollow_core_fibers.html) diakses pada tanggal 31 Juli 2020.

Shavrin et al. 2015. *Gas refractometry using a hollow-core photonic bandgap fiber in a Mach-Zehnder-type interferometer* *Gas refractometry using a hollow-core photonic bandgap fiber in a Mach-Zehnder-type interferometer*. 051106(2012). <https://doi.org/10.1063/1.3681171>.

Silva et al. 2014. *An all-fiber Fabry-Pérot interferometer for pressure sensing in different gaseous environments*. Measurement: Journal of the International Measurement Confederation, 47(1), 418–421.  
<https://doi.org/10.1016/j.measurement.2013.09.028>.

Tian et al. 2012. *Numerical and experimental investigation of long-period gratings in photonic crystal fiber for refractive index sensing of gas media*. 37(3), 380–382.

Tipler, Paul A. 2001. *Fisika Untuk Sains dan Teknik Jilid 2*. Jakarta: Erlangga.

Vargas-rodríguez et al. 2009. *Sensors and Actuators B : Chemical Design of CO, CO<sub>2</sub> and CH<sub>4</sub> gas sensors based on correlation spectroscopy using a Fabry – Perot interferometer*. 137, 410–419.  
<https://doi.org/10.1016/j.snb.2009.01.013>.

Wahyono, Teguh. 2007. *Building and maintenance PC server*. Jakarta: PT Elex Media Komputindo.

- Wang et al. 2015. *Gas refractometer based on optical fiber extrinsic fabry - Perot interferometer with open cavity*. IEEE Photonics Technology Letters, 27(3), 245–248. <https://doi.org/10.1109/LPT.2014.2365812>.
- Wang et al. 2013. *Fabry-Perot Interferometer Sensor Fabricated by Femtosecond Laser for Hydrogen Sensing*. c, 1–4.
- Wang et al. 2016. *Fringe visibility enhanced Fabry-Perot interferometer and its application as gas refractometer*. Sensors and Actuators, B: Chemical, 234, 498–502. <https://doi.org/10.1016/j.snb.2016.05.028>.
- Wang et al. 2019. *Optik A novel fiber in-line Michelson interferometer based on end face packaging for temperature and refractive index measurement*. Optik - International Journal for Light and Electron Optics, 194(July), 163094. <https://doi.org/10.1016/j.ijleo.2019.163094>.
- Wu et al. 2018. *Sensors and Actuators B : Chemical Optical fiber hydrogen sensor with single Sagnac interferometer loop based on vernier effect*. Sensors & Actuators: B. Chemical, 255, 3011–3016. <https://doi.org/10.1016/j.snb.2017.09.124>.
- Xiao et al. 2005. *Monitoring changes in the refractive index of gases by means of a fiber optic Fabry-Perot interferometer sensor*. Sensors and Actuators, A: Physical, 118(2), 177–182. <https://doi.org/10.1016/j.sna.2004.08.029>.
- Yang et al. 2019. *High-sensitive all-fiber fabry-perot interferometer gas refractive index sensor based on lateral offset splicing and Vernier effect*. Optik, 196(August), 163181. <https://doi.org/10.1016/j.ijleo.2019.163181>.
- Zhao et al. 2016. *Highly Sensitive Airflow Sensor Based on Fabry – Perot Interferometer and Vernier Effect*. 34(23), 5351–5356.
- Zhou et al. 2020. *A compact hydrogen sensor based on the fiber-optic Fabry-Perot interferometer*. Optics and Laser Technology, 124(October 2019), 105995. <https://doi.org/10.1016/j.optlastec.2019.105995>.