DAFTAR PUSTAKA

[1] I.P.D. Ruswara, Sintesis Fosfor BCNO Silika dengan Sumber Karbon Nanoselulosa untuk Aplikasi LED Putih, Institut Teknologi Bandung, 2019. https://digilib.itb.ac.id/index.php/gdl/view/43498/.

[2] N.Y. Hasanah, B.W. Nuryadin, F. Iskandar, Pengaruh Konsentrasi Sumber Karbon Terhadap Sifat PL Fosfor Boron Carbon Oxynitride (BCNO), Al-Hazen J. Phys. 1 (2014) 1–8.

[3] Y. Kaihatsu, F. Iskandar, H. Widiyandari, W.N. Wang, K. Okuyama, Fabrication and characterization of a yellow-emitting BCNO phosphor for white light-emitting diodes, Electrochem. Solid-State Lett. 12 (2009) 33–36. https://doi.org/10.1149/1.3063063.

[4] T. Ogi, Y. Kaihatsu, F. Iskandar, W.N. Wang, K. Okuyama, Facile synthesis of new full-color-emitting BCNO phosphors with high quantum efficiency, Adv. Mater. 20 (2008) 3235–3238. https://doi.org/10.1002/adma.200702551.

[5] W.N. Wang, Y. Kaihatsu, F. Iskandar, K. Okuyama, Chemical and photoluminescence analyses of new carbon-based boron oxynitride phosphors, Mater. Res. Bull. 44 (2009) 2099–2102. https://doi.org/10.1016/j.materresbull.2009.07.007.

[6] Y. Kaihatsu, W.-N. Wang, F. Iskandar, T. Ogi, K. Okuyama, Effect of the Carbon Source on the Luminescence Properties of Boron Carbon Oxynitride Phosphor Particles, J. Electrochem. Soc. 157 (2010) J329. https://doi.org/10.1149/1.3474941.

[7] T.J. Dian Anggreani, B.S. Purwasasmita, A. Nurudin, Sintesis dan Optimasi Sifat Fotoluminesens Fosfor BCNO/SiO2 dengan Modifikasi Sumber Karbon, Wahana Fis. 1 (2018) 73–87.

[8] E. Cahya, S. Mahen, B.W. Nuryadin, F. Iskandar, M. Abdullah, Studi Awal Pembuatan Lapisan Tipis BCNO-Komposit, (2013) 42–44.

[9] B. Wahid, N. Uin, S. Gunung, D. Bandung, Pembuatan Lapisan Tipis Fosfor BCNO-Epoxy Resin pada Gelas Substrat melalui Metode Hidrotermal dan

Spin Coating, (2011).

[10] F. Ramdani, I.D. Faryuni, A. Muid, J. Sampurno, B. Wahid, Efek Sumber Karbon pada Properti Luminesensi BCNO yang Disintesis dengan Metode Pemanasan Gelombang Mikro, 13 (2016) 101–104.

[11] X. Zhang, L. Li, Z. Lu, J. Lin, X. Xu, Y. Ma, X. Yang, F. Meng, J. Zhao, C. Tang, Effects of carbon and oxygen impurities on luminescence properties of BCNO phosphor, J. Am. Ceram. Soc. 97 (2014) 246–250.

[12] X. Zhang, S. Yan, Y. Cheng, K. Gao, Z. Lu, F. Meng, J. Lin, X. Xu, J. Zhao, C. Tang, Spectral properties of BCNO phosphor with wide range of excitation and emission, Mater. Lett. 102–103 (2013) 102–105. https://doi.org/10.1016/j.matlet.2013.03.124.

[13] P.N. Alam, T. Rihayat, Sintesa dan Karakteristik Sifat Mekanik Karet Nanokomposit, J. Rekayasa Kim. Lingkung. 6 (2007) 1–6.

[14] U. Malik, R. Syech, J. Wardana, Analisis Elastisitas Sampel Getah Karet Menggunakan Sonic Wave Analyzer (SOWAN), J. Fak. Tek. Univ. PASIR PENGARAIAN. (1995) 64–70.

[15] F.J. Bova, Radiation physics., Neurosurg. Clin. N. Am. 1 (1990) 909–931. https://doi.org/10.1016/b978-0-7020-2844-1.50005-3.

[16] G. Wypych, Photophysics, in: Handb. Mater. Weather., 2013: pp. 1–26. https://doi.org/10.1016/B978-1-927885-31-4.50003-0.

[17] R.-S. Chen, L.; Lin, C-C.; Yeh, C-W.; Liu, Rare Earth-Doped Phosphors for White Light-Emitting Diodes, in: Handb. Phys. Chem. Rare Earth Incl. Actinides, 2010: p. 9.

[18] G. Blasse, B. C. Grabmaier, Luminescent Materials, 1994. https://doi.org/10.1007/9783642790171.

[19] J.W. Lichtman, J. Conchello, Fluorescence Microscopy, (2006). https://doi.org/10.1038/nmeth817.

[20] D. Klostermeier, M. G. Rudolph, Optical Spectroscopy, in: Biophys. Chem., 2017: p. 365.

[21] A. Jablonski, M. Jablonski, Jablonski diagram Vibrational Relaxation and Internal Conversion, (2020) 13–16.

[22] J. Sadecka, V. Urickova, M. Jakubikova, Flurescence Spectroscopy, in: A. S

Franca, L. Nollet (Eds.), Spectrosc. Methods Food Anal., 2018: p. 189.

[23] A.B. Chinen, C.M. Guan, J.R. Ferrer, S.N. Barnaby, T.J. Merkel, C.A. Mirkin, Nanoparticle Probes for the Detection of Cancer Biomarkers, Cells, and Tissues by Fluorescence, Chem. Rev. 115 (2015) 10530–10574. https://doi.org/10.1021/acs.chemrev.5b00321.

[24] P. Pospíšil, Doctoral thesis, J. Eng. Math. 4 (1970) 186. https://doi.org/10.1007/BF01535092.

[25] R. A. Day Jr., A. L. Underwood, Spektroskopi Emisi dan Luminesensi, in: H. Wibi H., S.T, L. Simarmat, S.T (Eds.), Anal. Kim. Kuantitatif, KEENAM, Erlangga, 1998: p. 437.

[26] F. P. Unandi, Pengaruh Penambahan Bakteri Tanah Indigenus Terhadap Degradasi Limbah Ban Karet dalam Kolom Winogradsky, UNIVERSITAS ATMA JAYA YOGYAKARTA, 2017.

[27] Y. Handayani, Analisa Perbandingan Konsentrasi Zat Menguap Dalam Crumb Rubber Mutu Sir 20 Dan Crumb Rubber Mutu Sir 3wf, 2009.

[28] K. Nisa, Sintesis dan Karakterisasai FeTe1-xSx dengan Metode Pemaduan Mekanik dan Perlakuan Panas sebagai Material Superkonduktor, UNIVERSITAS AIRLANGGA, 2016.

[29] J. K, (X-Ray Diffractions), 2010.

[30] A. Setiabudi, R. Hardian, A. Muzakir, Karakterisasi Material; Prinsip dan Aplikasinya dalam Penelitian Kimia, 2012.

[31] A.B.D. Nandiyanto, R. Oktiani, R. Ragadhita, How to read and interpret ftir spectroscope of organic material, Indones. J. Sci. Technol. 4 (2019) 97–118. https://doi.org/10.17509/ijost.v4i1.15806.

[32] B.W. Nuryadin, F.A. Permatasari, A.Y. Nuryantini, I.D. Faryuni, M. Abdullah, F. Iskandar, A red emitting of manganese-doped boron carbon oxynitride (BCNO) phosphor materials: facile approach and photoluminescence properties, RSC Adv. 7 (2017) 4161–4166. https://doi.org/10.1039/C6RA27018B.

[33] B.W. Nuryadin, Y. Suryani, Y. Yuliani, S. Setiadji, A.Y. Nuryantini, F. Iskandar, Sintering time optimization on red photoluminescence properties of manganese-doped boron carbon oxynitride (BCNO:Mn) phosphor,

Geophys. Res. Lett. in press (2017) 0–31.

[34] E.C. Septia Mahen, Sintesis Hidrotermal Fosfor BCNO Fasa Liquid dan Fabrikasi Lapisan Tipis BCNO-Komposit, Institut Teknologi Bandung, 2013. https://digilib.itb.ac.id/index.php/gdl/view/20052/.

[35] C. Ren, X. Zhang, L. Zhou, Z. Lu, J. Lin, X. Xu, L. Li, X. Zhang, Y. Xue, F. Meng, J. Zhao, C. Tang, Preparation optimization and spectral properties of BCNO phosphors with high quantum efficiency, J. Lumin. 153 (2014) 338–342. https://doi.org/10.1016/j.jlumin.2014.03.044.

[36] F. Lu, X. Zhang, Z. Lu, X. Xu, C. Tang, Effects of annealing temperature and ambient atmosphere on the structure and photoluminescence of BCNO phosphors, J. Lumin. 143 (2013) 343–348. https://doi.org/10.1016/j.jlumin.2013.05.003.

[37] M. Örnek, C. Hwang, K.M. Reddy, V. Domnich, S.L. Miller, E.K. Akdoğan, K.J. Hemker, R.A. Haber, Formation of BN from BCNO and the development of ordered BN structure: I. Synthesis of BCNO with various chemistries and degrees of crystallinity and reaction mechanism on BN formation, Ceram. Int. 44 (2018) 14980–14989. https://doi.org/10.1016/j.ceramint.2018.05.126.

[38] W.N. Wang, T. Ogi, Y. Kaihatsu, F. Iskandar, K. Okuyama, Novel rare-earth-free tunable-color-emitting BCNO phosphors, J. Mater. Chem. 21 (2011) 5183–5189. https://doi.org/10.1039/c0jm02215b.

[39] X. Zhang, K. Yuan, L. Li, Q. Guo, X. Ji, R. Qin, Y. Liu, H. Wei, Z. Lu, H. Liu, Effects of silver nanoparticles on enhancement of luminescence properties for BCNO phosphors with red emission, J. Alloys Compd. (2018). https://doi.org/10.1016/j.jallcom.2018.05.270.

[40] A.B. Suryamas, M.M. Munir, T. Ogi, Khairurrijal, K. Okuyama, Intense green and yellow emissions from electrospun BCNO phosphor nanofibers, J. Mater. Chem. 21 (2011) 12629–12631. https://doi.org/10.1039/c1jm12654g.