

【原著論文】

- ・ T. Teranishi, K. Shimizu, N. Akiyama, Hayashi, A. Kishimoto and K. Fujimori, "Complex Conductivity using Wideband Spectroscopy for Yttria/Ytterbia-Stabilized Zirconia Ceramics", Jpn. J. Appl. Phys., 51, 01110107, (2012)
- ・ 山岡宏、寺西貴志、林秀考、岸本昭, 「超塑性発泡法における窒化物系新規発泡剤の探索と特性評価」, 耐火物, 64, [1], 13-17, (2012)
- ・ 山下恭平, 小郷義久, 寺西貴志, 林秀考, 岸本昭, 「ミリ波-HIP 複合焼結法で焼成した AlN セラミックスに及ぼす還元雰囲気の影響」, 粉体および粉末冶金, 59, [1], 17-21, (2012)
- ・ T. Teranishi, H. Hayashi, A. Kishimoto, and T. Tsurumi, "Wide range conductivity spectroscopy on yttria-stabilized zirconia ceramics", Mater. Sci. & Eng. B., 177, 69-73, (2012)
- ・ U. Thanganathan, S. Kumar, A. Kishimoto and K. Kimura, "Synthesis of organic/inorganic hybrid composite membranes and their structural and conductivity properties", Mater. Lett., in press
- ・ T. Teranishi, K. Shimizu, H. Hayashi and A. Kishimoto, "Microscopic conduction behavior analysis on ZrO₂-based ion conductors by wideband conductivity measurement", Key Eng. Mater., in press
- ・ 岡田正典, 寺西貴志, 林秀考, 岸本昭, 「超塑性発泡法によるセラミックスへの螺旋状連通閉気孔の導入」, 粉体および粉末冶金, 59, [2], in press
- ・ T. Teranishi, Y. Mori, H. Hayashi and A. Kishimoto, "Thermoelectric property of polycrystalline Al_xZn_{1-x} Enhanced by micropore foaming", J. Am. Ceram. Soc., in press
- ・ A. Kishimoto, K. Yamashita, S. Ohura and H. Hayashi, "Millimeter-wave-HIP combined sintering to fabricate AlN ceramics with high thermal conductivity", Adv. in Tech. of Mat. & Mat. Proc. J., 13, [1], 14-18, (2011)
- ・ A. Kishimoto, Y. Takegawa, T. Teranishi, and H. Hayashi, "Effect of varying the ratio of matrix/dispersoid particle size on the piezoresistivity of alumina/carbon-black composite ceramics", Mater. Lett., 65, 2197-2200, (2011)
- ・ T. I. Bhuiyan, H. Hayashi and A. Kishimoto, "Formation of 3D tubular canal in fully densified zirconia ceramics by free foaming method using superplasticity", Ceram. Intern., 37, 399-402, (2011)
- ・ 大浦峻典、林秀考、岸本昭, 「AlN セラミックスのミリ波-HIP 複合焼結と熱伝導特性」, 粉体および粉末冶金, 58, 1, 57-62, (2011)
- ・ A. Kishimoto, K. Ayano, and H. Hayashi, "Enhancement of ionic conductivity in stabilized zirconia ceramics under millimeter-wave irradiation heating", Scr. Mater., 64, [9], 860-863, (2011)

【総説・解説・プロシーディング】

- ・ A. Kishimoto and H. Hayashi, "Superplastically foaming method to make closed pores inclusive porous ceramics", Mater. Sci. & Eng., IOP Conference Series, 18, 182002, (2012)
- ・ A. Kishimoto, K. Ayano, T. Teranishi, and H. Hayashi, "Ionic conductivity of stabilized zirconia ceramics under millimeter-wave irradiation heating", Proceedings of the 28th International Japan-Korea Seminar on Ceramics, Okayama, Japan, 129, (2011)
- ・ T. Teranishi, K. Shimizu, H. Hayashi, and A. Kishimoto, "Broadband Spectroscopy of the Complex Conductivity of Zirconia-Based Ion Conductors", Proceedings of the 28th International Japan-Korea Seminar on Ceramics, Okayama, Japan, 134-135, (2011)
- ・ A. Kishimoto, K. Yamashita, S. Ohura, and H. Hayashi, "Millimeter-wave -HIP combined sintering to fabricate AlN ceramics with high thermal conductivity", Proceedings of HIP'11, Kobe, Japan, 139-143, (2011)

【著書・特許】

- ・ 岸本昭, 「アクチュエータが未来を作る」, 分担, 産業図書, (2011)
- ・ 西村直之、網嶋義貴、岸本昭、齋藤直人、薄井雄企、遠藤守信、福世知行, 「アルミナを主成分とするセラミックス複合材料の製造方法」, 特願(2012)-6194, (2012)