

<Journal Paper>

1. M. A. Hughes, R. M. Gwilliam, K. Homewood, B. Gholipour, D. W. Hewak, T. H. Lee, S. R. Elliot, T. Suzuki, Y. Ohishi, T. Kohoutek, and R. J. Curry, "On the analogy between photoluminescence and carrier-type reversal in Bi- and Pb-doped glasses", *Optics Express*, Vol. 21, No. 7, pp. 8101-8115, doi# 10.1364/OE.21.008101, April 2013.
2. W. Gao, M. Liao, H. Kawashima, Z. Duan, D. Deng, T. Cheng, T. Suzuki, Y. Messaddeq, and Y. Ohishi, "Mid-infrared supercontinuum generation in a suspended-core As_2S_3 chalcogenide microstructured optical fiber", *Opt. Express*, Vol. 21, No. 8, pp. 9573-9583, doi#10.1364/OE.21.009573, April 2013.
3. T. Cheng, L. Chai, M. Liao, W. Gao, Z. Duan, T. Suzuki, C. Wang, and Y. Ohishi, "A novel design of cluster-small-core tellurite microstructured optical fiber", *Optics Communications*, Vol. 294, pp. 172-178, doi#10.1016/j.optcom.2012.12.045, May 2013.
4. T. Cheng, Z. Duan, W. Gao, K. Asano, M. Liao, D. Deng, T. Suzuki, and Y. Ohishi, "A Novel Seven-Core Multicore Tellurite Fiber", *Journal of Lightwave Technology*, Vol. 31, No. 11, pp.1793-2013, doi#10.1109/JLT.2013.2260133, June 2013.
5. I. Savelii, F. Desevedavy, J. C. Jules, G. Gadret, J. Fatome, B. Kibler, H. Kawashima, Y. Ohishi, and F. Smektala, "Management of OH absorption in tellurite optical fibers and related supercontinuum generation", *Optical Materials*, Vol. 35, No. 8, pp. 1595-1599, doi#10.1016/j.optmat.2013.04.012, June 2013.
6. D. Deng, W. Gao, M. Liao, Z. Duan, T. Cheng, T. Suzuki, and Y. Ohishi, "Supercontinuum generation from a multiple-ring-holes tellurite microstructured optical fiber pumped by a $2\mu m$ mode-locked picoseconds fiber laser", *Applied Optics*, Vol. 52, No. 16, pp. 3618-3823, doi#10.1364/AO.52.003818, June 2013.
7. X. Xue, S. Uechi, R. N. Tiwari, Z. Duan, M. Liao, M. Yoshimura, T. Suzuki, and Y. Ohishi, "Size-dependent upconversion luminescence and quenching mechanism of $LiYF_4:Er^{3+}/Yb^{3+}$ nanocrystals with oleate ligand adsorbed", *Optical Materials Express*, Vol. 3, No. 7, pp. 989-999, doi#1364/OME.000989, July 2013.
8. W. Gao, M. Liao, D. Deng, T. Cheng, T. Suzuki, and Y. Ohishi, "Raman comb lasing in a ring cavity with high-birefringence fiber loop mirror", *Optics Communications*, Vol. 300, pp. 225-229, doi#10.1016/j.optcom.2013.02.064, July 2013.
9. W. Gao, K. Ogawa, X. Xue, M. Liao, D. Deng, T. Cheng, T. Suzuki, and Y. Ohishi, "Third-harmonic generation in an elliptical-core ZBLAN fluoride fiber", *Optics Letters*, Vol. 38, No. 14, pp. 2566-2568, doi#10.1364/OL.38002566, July 2013.
10. T. Cheng, Y. Sakai, N. Asyikin, W. Gao, Z. Duan, D. Deng, T. Suzuki, and Y. Ohishi, "Numerical Simulation of Dynamic Bandgap Control in All-Solid Chalcogenide-Tellurite Photonics Bandgap Fiber", *IEEE Photonics Journal*, Vol. 5, No. 4, pp. 2202206, doi#10.1109/JPHOT.2013.2271714, August 2013.
11. T. H. Tuan, T. Cheng, K. Asano, Z. Duan, W. Gao, D. Deng, T. Suzuki, and Y. Ohishi, "Optical parametric gain and bandwidth in highly nonlinear tellurite hybrid microstructured optical fiber with four zero-dispersion wavelengths", *Optics Express*, Vol. 21, No. 17, pp. 20303-20312, doi#10.1364/OE.21.020303, August 2013.

12. L. Liu, X. Meng, F. Yin, M. Liao, D. Zhao, G. Qin, Y. Ohishi, and W. Qin, "Soliton self-frequency shift controlled by a weak seed laser in tellurite photonic crystal fibers", *Optics Letters*, Vol. 38, No. 15, pp. 2851-2854, doi#10.1364/OL.38.002851, August 2013.
13. 鈴木健伸, "太陽光励起ファイバレーザ用ガラスレーザ媒質", *光アライアンス*, Vol. 24, No. 8, pp. 10-14, August 2013.
14. K. Nogata, T. Suzuki, and Y. Ohishi, "Quantum efficiency of Nd³⁺-doped phosphate glass under simulated sunlight", *Optical Materials*, Vol. 35, No. 11, pp. 1918-1921, doi#10.1016/j.optmat.2012.12.021, September 2013.
15. 大石泰丈, "Tb 添加光ファイバーを用いた連続発振グリーンレーザー", *光学*, 42 巻 9 号, pp. 469-471, September 2013.
16. Z. Duan, H. T. Tong, M. Liao, T. Cheng, M. Erwan, T. Suzuki, and Y. Ohishi, "New phospho-tellurite glasses with optimization of transition temperature and refractive index for hybrid microstructured optical fibers", *Optical Materials*, Vol. 35, No. 12, pp. 2473-2479, doi#10.1016/j.optmat.2013.07.001, October 2013.
17. D. Deng, W. Gao, M. Liao, Z. Duan, T. Cheng, T. Suzuki, and Y. Ohishi, "Negative group velocity propagation in a highly nonlinear fiber embedded in a stimulated Brillouin scattering laser ring cavity", *Applied Physics Letters*, Vol. 103, No. 25, pp. 251110-1-4, doi#10.1063/1.4852735, December 2013.
18. T. Cheng, W. Gao, D. Deng, Z. Duan, T. Suzuki, Y. Ohishi, T. Misumi, and M. Matsumoto, "Tunable third-harmonic generation in a chalcogenide-tellurite hybrid optical fiber with high refractive index difference", *Optics Letters*, Vol. 39, No. 4, pp. 1005-1007, doi#10.1364-OL.39.001005, February 2014.
19. T. Cheng, R. Usaki, Z. Duan, W. Gao, D. Deng, M. Liao, Y. Kanou, M. Matsumoto, T. Misumi, T. Suzuki, and Y. Ohishi, "Soliton self-frequency shift and third-harmonic generation in a four-hole As₂S₅ microstructured optical fiber", *Optical Express*, Vol. 22, No.4, pp. 3740-3746, doi#10.1364/OE.22.003740, February 2014.
20. Z. Jia, L. Liu, C. Yao, G. Qin, Y. Ohishi, and W. Qin, "Supercontinuum generation and lasing in thulium doped tellurite microstructured fibers", *Journal of Applied Physics*, Vol. 115, pp. 063106-1-5, doi#10.1063/1.4865507, February 2014.
21. W. Gao, Z. Duan, K. Asano, T. Cheng, D. Deng, M. Matsumoto, T. Misumi, T. Suzuki, and Y. Ohishi, "Mid-infrared supercontinuum generation in a four-hole As₂S₅ chalcogenide microstructured optical fiber", *Applied Physics B*, Vol. 116, No. 4, pp. 847-853, February 2014. <http://dx.doi.org/10.1007/s00340-014-5771-8>.
22. 大石泰丈, "高非線形微細構造光ファイバによる広帯域スーパーコンティニューム光の発生", *New Glass*, Vol. 29, No. 1, pp.14-17, March 2014.
23. T. Cheng, Y. Kanou, K. Asano, D. Deng, M. Liao, M. Matsumoto, T. Misumi, T. Suzuki, and Y. Ohishi, "Soliton self-frequency shift and dispersive wave in a hybrid four-hole AsSe₂-As₂S₅ microstructured optical fiber", *Applied Physics Letters*, Vol. 104, No. 12, pp.

<Proceedings>

1. E. P. Samuel, T. H. Tuan, K. Asano, T. Suzuki, and Y. Ohishi, "Highly Nonlinear Tellurite Fiber with Engineered Chromatic Dispersion for Broadband Optical Parametric Amplification", SPIE Optics and Optoelectronics 2013, 87721C-1-6, Prague, Czech Republic, April 2013.
2. Z. Duan, H. Tong, M. Liao, D. Deng, T. Suzuki, and Y. Ohishi, "Compositional and structural dependence of chromatic dispersion in tellurite hybrid microstructured optical fibers", SPIE Optics and Optoelectronics 2013, 87750W-1-5, Prague, Czech Republic, April 2013.
3. I. Savelli, O. Mouawad, J. Fatome, B. Kibler, C. Finot, F. Desevedavy, G. Gadret, J-C Jules, P-Y Bony, H. Kawashima, W. Gao, T. Kohoutek, T. Suzuki, Y. Ohishi, and F. Smektala, "Mid-infrared supercontinuum generation in suspended-core Chalcogenide and Tellurite optical fibers", 2013 Conference on Lasers and Electro-Optics Europe and International Quantum Electronics Conference, CD-1.4, Munich, Germany, May 2013.
4. T. Cheng, M. Liao, W. Gao, Z. Duan, D. Deng, T. Suzuki, and Y. Ohishi, "Brillouin gain spectra in all-solid chalcogenide-tellurite photonic bandgap fiber", 2013 Conference on Lasers and Electro-Optics Europe and International Quantum Electronics Conference, CD-P3, Munich, Germany, May 2013.
5. W. Gao, M. El Amraoui, M. Liao, H. Kawashima, Z. Duan, D. Deng, T. Cheng, T. Suzuki, Y. Messaddeq, and Y. Ohishi, "Mid-Infrared Supercontinuum Generation in a 1.3 cm As₂S₃ Fiber with Suspended-Core Structure", 2013 Conference on Lasers and Electro-Optics Europe and International Quantum Electronics Conference, CD-P.4, Munich, Germany, May 2013.
6. X. Xue, S. Uechi, W. Gao, T. Suzuki, and Y. Ohishi, "Er³⁺-doped LiYF₄-Polymer Nanocomposites for S+C+L Band Amplification", 2013 Conference on Lasers and Electro-Optics Europe and International Quantum Electronics Conference, CE-P.5, Munich, Germany, May 2013.
7. T. Cheng, Z. Duan, M. Liao, W. Gao, D. Deng, T. Suzuki, and Y. Ohishi, "A. novel seven-core multicore tellurite fiber", 2013 Conference on Lasers and Electro-Optics Europe and International Quantum Electronics Conference, CJ-P.41, Munich, Germany, May 2013.
8. W. Gao, M. Liao, D. Deng, T. Cheng, T. Suzuki, and Y. Ohishi, "400-Wavelength Raman Comb Lasing in a Ring Cavity Based on Nonlinear Polarization Rotation", Conference on Lasers and Electro-Optics (CLEO) 2013, JTu4A.04, San Jose, USA, June 2013.
9. T. Cheng, Z. Duan, W. Gao, M. Liao, D. Deng, T. Suzuki, and Y. Ohishi, "All-solid tellurite microstructured optical fiber with one layer of high-index rods", Conference on Lasers and Electro-Optics (CLEO) 2013, JTu4A.23, San Jose, USA, June 2013.
10. (Invited) Y. Ohishi, "New Prospect of Soft Glass Highly Nonlinear Microstructured Optical Fibers", 2013 Conference on Lasers and Electro-Optics Pacific Rim (CLEO-PR), TuA4-2, Kyoto, Japan, July 2013.
11. X. Xue, S. Uechi, R. N. Tiwari, Z. Duan, M. Liao, M. Yoshimura, T. Suzuki, and Y. Ohishi,

“Size-dependent Upconversion Luminescence in $\text{Er}^{3+}/\text{Yb}^{3+}$ Codoped LiYF_4 Nano/Microcrystals”, 2013 Conference on Lasers and Electro-Optics Pacific Rim (CLEO-PR), TuPl-28, Kyoto, Japan, July 2013.

12. T. Cheng, Z. Duan, M. Liao, W. Gao, D. Deng, T. Suzuki, and Y. Ohishi, “A Simple Tellurite Photonic Bandgap Fiber Based on One Array of Rings”, 2013 Conference on Lasers and Electro-Optics Pacific Rim (CLEO-PR), WPA-20, Kyoto, Japan, July 2013.
13. Y. Sakai, T. Cheng, H. Kawashima, T. Suzuki, and Y. Ohishi, “Dynamic Lightwave Propagation Control in Tellurite All Solid Photonic Bandgap Fibers”, 2013 Conference on Lasers and Electro-Optics Pacific Rim (CLEO-PR), WPA-21, Kyoto, Japan, July 2013.
14. (Invited) M. Liao, Y. Ohishi T. Cheng. W. Gao, X. Xue, Z. Duan, D. Deng, H. Kawashima, and T. Suzuki, “Supercontinuum Generation Approaching the Whole Transparent Range of Glass”, 6th IEEE / International Conference on Advanced Infocomm Technology, SU-D-1, pp.45-46, Hsinchu, Taiwan, July 2013.
15. (Invited) T. Cheng. Y. Sakai, H. Kawashima, T. Suzuki and Y. Ohishi, “Dynamic control in all-solid soft-glass photonic bandgap fibers”, 6th IEEE / International Conference on Advanced Infocomm Technology, SU-B-5, pp.28-29, Hsinchu, Taiwan, July 2013.
16. T. Cheng, Y. Sakai, H. Kawashima, T. Suzuki, and Y. Ohishi, “Dynamic Bandgap Control in All-solid Tellurite Photonic Bandgap Fibers”, OSA Nonlinear Optics (NLO) 2013, NW4A.03, Hawaii, USA, July 2013.
17. I. Savelii, O. Mouawad, J. Fatome, B. Kibler, F. Desevedavy, G. Gadret, J-C Jules, P-Y Bony, H. Kawashima, W. Gao, T. Kohoutek, T. Suzuki, Y. Ohishi, and F. Smektala, “Mid-infrared supercontinuum generation in suspended-core Chalcogenide and Tellurite optical fibers”, OSA Nonlinear Optics (NLO) 2013, NF1A.4, Hawaii, USA, July 2013.
18. E. Samuel, T. H. Tuan, K. Asano, T. Suzuki, and Y. Ohishi, “Optical Parametric Gain of Tellurite/Phosphate Highly Nonlinear Optical Fiber”, 4th International Conference on Optical Communication Systems, pp. 407-411, Reykjavik, Iceland, July 2013.
19. H. Iimura, D. Deng, Y. Ohishi, S. Kumagai, and M. Sasaki, “Etching Profile Control of Alignment Spring for Combining MEMES Micro-Channel Device and Optical Fibers”, 12th Asia Pacific Physics Conference, pp. 015071-1-4, Makuhari Messe Chiba, Japan, July 2013.
20. X. Xue, T. Suzuki, and Y. Ohishi, “LOCAL FIELD EFFECT ON Nd^{3+} -DOPED $\alpha\text{-NaYF}_4$ NANOCRYSTALS IN LIQUIDS”, Optical MEMS and Nanophotonics 2013, pp. 151-152, Kanazawa, Japan, August 2013.
21. H. Iimura, D. Deng, S. Kumagai, Y. Ohishi, and M. Sasaki, “Micro-Channel Device for Spectrum Measurement Using Optical Fier Aligned with Bias Spring with Reversely traered profile”, Optical MEMS and Nanophotonics 2013, pp. 9394, Kanazawa, Japan, August 2013.
22. W. Gao, K. Ogawa, X. Xue, M. Liao, D. Deng, T. Cheng, T. Suzuki, and Y. Ohishi, “Experimental Observation of Third-Harmonic Generation in a ZBLAN Fluoride Fiber with Elliptical Core”, 39th European Conference on Optical Communication (ECOC 2013), P.1.2, London, UK, September 2013.
23. H. Iimura, D. Deng, S. Kumagai, Y. Ohishi, and M. Sasaki, "Microfluidic Device with

Accurately Aligned Optical Fibers for Measuring Transmission Spectrum Using Supercontinuum Light”, 2013 International Conference on Solid State Devices and Materials, G-3-2, Fukuoka, Japan, September 2013.

24. X. Xue, T. Suzuki, R. N. Tiwari, M. Yoshimura, and Y. Ohishi, “Size-dependent Luminescence of Nd³⁺-doped LiYF₄ Nanocrystals”, OSA Frontiers in Optics 2013/Laser Science XXIX, FTu3A.19, Orlando, USA, October 2013.
25. W. Gao, K. Ogawa, X. Xue, M. Liao, D. Deng, T. Cheng, T. Suzuki, and Y. Ohishi, “Linearly Polarized Third-Harmonic Generation in an Elliptical-Core Fluoride Fiber”, OSA Frontiers in Optics 2013/Laser Science XXIX, FTu3A.27, Orlando, USA, October 2013.
26. W. Gao, M. Liao, T. Cheng, T. Suzuki, and Y. Ohishi, “Tunable Brillouin Comb Lasing Based on a Single-Mode Tellurite Fiber in a Composite Cavity”, OSA Frontiers in Optics 2013/Laser Science XXIX, FTu3A.33, Orlando, USA, October 2013.
27. M. Liao, W. Gao, T. Cheng, X. Xue, Z. Duan, D. Deng, H. Kawashima, T. Suzuki, and Y. Ohishi, “Ultra-Broadband Mid-Infrared Supercontinuum Generation in Fluoride Glass”, OSA Advanced Solid-State Lasers Congress, MW1C.9, Paris, France, October 2013.
28. (Invited) Y. Ohishi, “Supercontinuum Generation in Highly Nonlinear Fibers”, OSA Advanced Solid-State Lasers Congress, AM2A.1, Paris, France, October 2013.
29. E. P. Samuel, T. H. Tong, K. Asano, T. Suzuki, and Y. Ohishi, “Theoretical investigation of pulse-dependent optical parametric amplification for microstructured optical fiber”, 2014 Photonics West, pp. 89821X-1-7, San Francisco, USA, February 2014.
30. X. Xue, T. Yamashita, W. Gao, T. Suzuki, and Y. Ohishi, “Light-induced self-written waveguides based on NaYF₄/polymer composites for the C-band amplification”, 2014 Photonics West, pp. 89821W-1-7, San Francisco, USA, February 2014.
31. T. Cheng, Z. Duan, N. Asyikin, W. Gao, D. Deng, T. Suzuki, and Y. Ohishi, “A highly-nonlinear three-core chalcogenide-tellurite fiber”, 2014 Photonics West, pp. 89821P-1-6, San Francisco, USA, February 2014.
32. D. Deng, W. Gao, M. Liao, Z. Duan, T. Cheng, T. Suzuki, and Y. Ohishi, “Superluminal propagation in a highly-nonlinear fiber embedded in a SBS laser ring cavity”, 2014 Photonics West, pp. 89821J-1-6, San Francisco, USA, February 2014.
33. W. Gao, M. E. Amraoui, M. Liao, H. Kawashima, Z. Duan, D. Deng, T. Cheng, T. Suzuki, Y. Messaddeq, and Y. Ohishi, “Experimental and theoretical study of supercontinuum generation in an As₂S₃ chalcogenide microstructured optical fiber”, 2014 Photonics West, pp. 89821K-1-10, San Francisco, USA, February 2014.
34. T. H. Tuan, T. Cheng, K. Asano, Z. Duan, T. Suzuki, and Y. Ohishi, “Broadband optical parametric gain by novel highly-nonlinear tellurite hybrid microstructured optical fiber with four zero-dispersion wavelengths”, 2014 Photonics West, pp. 89821L-1-7, San Francisco,

USA, February 2014.

35. T. Cheng, D. Deng, W. Gao, Z. Duan, T. Suzuki, and Y. Ohishi, “Tunable Third-harmonic Generation in a Novel Chalcogenide-tellurite Hybrid Optical Fiber”, Optical Fiber Communication Conference and Exposition (OFC) 2014, Th2A.65, San Francisco, USA, March 2014.
36. D. Deng, W. Gao, Z. Duan, T. Cheng, T. Suzuki, and Y. Ohishi, “Negative group velocity propagation by combination of an EDFA and a SBS laser ring cavity”, Optical Fiber Communication Conference and Exposition (OFC) 2014, Th2A.46, San Francisco, USA, March 2014.
1. 鈴木健伸, 水野真太郎, 伊藤博, 長谷川和男, 大石泰丈, “太陽光励起ガラスレーザ媒質の高効率化”, レーザー学会 第 445 回研究会報告, RTM-13-19, 大阪府吹田市, 2013 年 7 月 16 日.
2. 加納靖大, 浅野晃司, Zhongchao Duan, Weiqing Gao, 松本守男, 三角孝, 鈴木健伸, 大石泰丈, “As₂S₅ 微細構造光ファイバによるスーパーコンティニューム光の発生”, 第 74 回応用物理学会秋季学術講演会, 17p-A8-1, 同志社大学, 京都, 2013 年 9 月 16 日~20 日.
3. 瀬賀大輔, Dinghuan Deng, 鈴木健伸, 大石泰丈, “微細構造光ファイバの波長分散特性”, 平成 25 年度日本セラミックス協会東海支部学術研究発表会, D16, 名城大学, 名古屋市, 2013 年 12 月 7 日.
4. 浅野晃司, Tong Hoang Tuan, Zhongchao Duan, 鈴木健伸, 大石泰丈, “高非線形ハイブリッド微細構造光ファイバによる広帯域光波制御”, 平成 25 年度日本セラミックス協会東海支部学術研究発表会, D17, 名城大学, 名古屋市, 2013 年 12 月 7 日.
5. 宇崎良, Tonglei Cheng, 鈴木健伸, 大石泰丈, “テーパー化した微細構造光ファイバを用いたスーパーコンティニューム光発生”, 平成 25 年度日本セラミックス協会東海支部学術研究発表会, D18, 名城大学, 名古屋市, 2013 年 12 月 7 日.
6. 岩田靖之, 鈴木健伸, 大石泰丈, “Er³⁺添加ガラスを用いた太陽光励起ファイバレーザの実現可能性”, 平成 25 年度日本セラミックス協会東海支部学術研究発表会, D19, 名城大学, 名古屋市, 2013 年 12 月 7 日.
7. 川島浩靖, Tonglei Cheng, 鈴木健伸, 大石泰丈, “カルコゲナイド微細構造光ファイバを用いたスーパーコンティニューム光発生”, 平成 25 年度日本セラミックス協会東海支部学術研究発表会, D20, 名城大学, 名古屋市, 2013 年 12 月 7 日.
8. (招待講演) 大石泰丈, “高非線形光ファイバによる広帯域スーパーコンティニューム光の発生”, レーザー学会学術講演会第 34 回年次大会, A322aVI01, 北九州国際会館, 北九州市小倉区, 2014 年 1 月 22 日.
9. 大石泰丈, “超オクターブフォトニクスプロジェクト”, 先端フotonテクノロジー研究センター 第 14 回シンポジウム, 豊田工業大学, 名古屋, 2014 年 3 月.

10. 鈴木健伸, “太陽光励起ファイバレーザの現状”, 先端フotonテクノロジー研究センター第 14 回シンポジウム、豊田工業大学、名古屋、2014 年 3 月.
11. O. Mouawad, J. Picot-Clemente, C. Strutynski, F. Desevedavy, G. Gadret, J-C. Jules, F. Smektala, D. Deng, T. Suzuki, and Y. Ohishi, “Toward Fibered IR Sources: As_2S_3 Chalcogenide Microstructured Optical Fibers for Supercontinuum Generation”, 先端フotonテクノロジー研究センター第 14 回シンポジウム、豊田工業大学、名古屋、2014 年 3 月.
12. J. Picot-Clemente, I. Savelii, O. Mouawad, C. Strutynski, F. Desevedavy, G. Gadret, J-C. Jules, J. Fatome, B. Kibler, H. Kawashima, T. Suzuki, Y. Ohishi, and F. Smektala, “Management of OH absorption in tellurite optical fibers and related supercontinuum generation”, 先端フotonテクノロジー研究センター第 14 回シンポジウム、豊田工業大学、名古屋、2014 年 3 月.
13. D. Deng, W. Gao, T. Cheng, T. Suzuki, and Y. Ohishi, “Negative group velocity propagation in a highly nonlinear fiber embedded in a stimulated Brillouin scattering laser ring cavity”, 先端フotonテクノロジー研究センター第 14 回シンポジウム、豊田工業大学、名古屋、2014 年 3 月.
14. D. Deng, W. Gao, T. Cheng, T. Suzuki, and Y. Ohishi, “Highly efficient fast light generation in a single-mode tellurite glass fiber based on Brillouin lasing oscillation”, 先端フotonテクノロジー研究センター第 14 回シンポジウム、豊田工業大学、名古屋、2014 年 3 月.
15. W. Gao, Z. Duan, K. Asano, T. Cheng, D. Deng, M. Matsumoto, T. Misumi, T. Suzuki, and Y. Ohishi, “Supercontinuum Generation in an As_2S_5 Chalcogenide Microstructured Optical Fiber”, 先端フotonテクノロジー研究センター第 14 回シンポジウム、豊田工業大学、名古屋、2014 年 3 月.
16. T. Cheng, Y. Sakai, D. Deng, W. Gao, X. Xue, Z. Duan, T. Suzuki, and Y. Ohishi, “Tunable Third-harmonic Generation in a Novel Chalcogenide-tellurite Hybrid Optical Fiber”, 先端フotonテクノロジー研究センター第 14 回シンポジウム、豊田工業大学、名古屋、2014 年 3 月.
17. T. Cheng, W. Gao, H. Kawashima, D. Deng, M. Liao, M. Matsumoto, T. Misumi, T. Suzuki, and Y. Ohishi, “Experimental Observation Tunable Second-harmonic Generation in a Chalcogenide-tellurite Hybrid Optical Fiber”, 先端フotonテクノロジー研究センター第 14 回シンポジウム、豊田工業大学、名古屋、2014 年 3 月.
18. E. Samuel, T. H. Tuan, D. Deng, K. Asano, T. Suzuki, and Y. Ohishi, “Dispersive Wave Generation in Microstructured Optical Fiber with Four Zero Dispersion Wavelength”, 先端フotonテクノロジー研究センター第 14 回シンポジウム、豊田工業大学、名古屋、2014 年 3 月.
19. X. Xue, T. Suzuki, and Y. Ohishi, “Local Field Effect on Nd^{3+} -doped α - $NaYF_4$ Nanocrystals in Liquids”, 先端フotonテクノロジー研究センター第 14 回シンポジウム、豊田工業大学、名古屋、2014 年 3 月.

20. T. H. Tuan, T. Cheng, K. Asano, Z. Duan, T. Suzuki and Y. Ohishi, “Numerical calculation of optical parametric gain in highly nonlinear tellurite hybrid microstructured optical fibers”, 先端フotonテクノロジー研究センター第 14 回シンポジウム、豊田工業大学、名古屋、2014 年 3 月.
21. 浅野晃司, T. H. Tuan, 鈴木健伸, 大石泰丈, “高非線形ハイブリッド微細構造光ファイバによる広帯域パラメトリック増幅”, 先端フotonテクノロジー研究センター第 14 回シンポジウム、豊田工業大学、名古屋、2014 年 3 月.
22. 岩田靖之, 鈴木健伸, 大石泰丈, “太陽光励起 1.55 μm 帯ファイバレーザの実現可能性”, 先端フotonテクノロジー研究センター第 14 回シンポジウム、豊田工業大学、名古屋、2014 年 3 月.
23. 宇崎良, T. Cheng, T. H. Tuan, 鈴木健伸, 大石泰丈, “テルライトテーパ微細構造光ファイバによるスーパーコンティニューム光スペクトルの広帯域化に関する研究”, 先端フotonテクノロジー研究センター第 14 回シンポジウム、豊田工業大学、名古屋、2014 年 3 月.
24. 押野和馬, X. Xue, 鈴木健伸, 大石泰丈, “Nd³⁺ 添加ナノ LiYF の表面修飾による蛍光特性変化”, 先端フotonテクノロジー研究センター第 14 回シンポジウム、豊田工業大学、名古屋、2014 年 3 月.
25. 川島浩靖, T. Cheng, 鈴木健伸, 大石泰丈, “カルコゲナイドハイブリッド微細構造光ファイバを用いたスーパーコンティニューム光発生”, 先端フotonテクノロジー研究センター第 14 回シンポジウム、豊田工業大学、名古屋、2014 年 3 月.
26. N. Asyikin, T. Cheng, 酒井由紀子, 鈴木健伸, 大石泰丈, “全個体フォトニックバンドギャップファイバの伝搬特性の研究”, 先端フotonテクノロジー研究センター第 14 回シンポジウム、豊田工業大学、名古屋、2014 年 3 月.
27. 加納靖大, 浅野晃司, Z. Duan, W. Gao, 鈴木健伸, 大石泰丈, “カルコゲナイドガラス微細構造光ファイバによる中赤外光の発生”, 先端フotonテクノロジー研究センター第 14 回シンポジウム、豊田工業大学、名古屋、2014 年 3 月.
28. 酒井由紀子, T. Cheng, 鈴木健伸, 大石泰丈, “全固体フォトニックバンドギャップファイバの動的特性制御”, 先端フotonテクノロジー研究センター第 14 回シンポジウム、豊田工業大学、名古屋、2014 年 3 月.
29. 瀬賀大輔, D. Deng, 鈴木健伸, 大石泰丈, “微細構造光ファイバの波長分散測定”, 先端フotonテクノロジー研究センター第 14 回シンポジウム、豊田工業大学、名古屋、2014 年 3 月.
30. 長坂憲士朗, 鈴木健伸, 大石泰丈, “微細構造光ファイバの誘導ブルリアン散乱特性”, 先端フotonテクノロジー研究センター第 14 回シンポジウム、豊田工業大学、名古屋、2014 年 3 月.

<Books>

1. 大石泰丈 (分担執筆), 丸善出版, “14.4.2 光ファイバーアンプ”, 化学便覧 応用化学編 第7版, pp. 828-832, January 2014.