

(1) 原著論文 (accept) を含む / Original Papers

1. A. Ishikawa, T. Tanaka, "Metamaterial absorbers for infrared detection of molecular self-assembled monolayers", Scientific Reports 5, 12570 (2015).
2. Maria Vanessa Balois, Norihiko Hayazawa, Francesca Celine Catalan, Satoshi Kawata, Taka-aki Yano, and Tomohiro Hayashi, "Tip-enhanced THz Raman spectroscopy for local temperature determination at the nanoscale" Analytical Bioanalytical Chemistry 407, 8205-8213 (2015).

(2) 著書・解説など / Book Editions, Review Papers

1. 田中拓男, "光が3倍速くなるメタマテリアル," パリティ, pp. 48-50 (2015).

(3) 招待講演 / Invited Talks

1. Takuo Tanaka, "Three-dimensional metamaterials for isotropic response," International Symposium on Optical Memory 2015 (ISOM2015) (Toyama International Conference Center, Toyama, Japan) (2015.10.5) (2015).
2. Takuo Tanaka, "Top-down and bottom-up fabrication techniques for isotropic metamaterials," The 11th Conference on Lasers and Electro-Optics Pacific Rim (CLEO-PR 2015) (BEXCO, Busan, Korea) (2015.8.24) (2015).
3. Takuo Tanaka, "Three-Dimensional Isotropic Metamaterials And Their Fabrication Techniques," 5th Molecular Materials Meeting (M3) (ResortsWorldConventionCentre, Singapore, Singapore) (2015.8.3) (2015).
4. Takuo Tanaka, "Fabrication of Three-dimensional Metamaterials," The 36th Progress In Electromagnetics Research Symposium (Prague, Czech Republic) (2015.7.7) (2015)
5. Norihiko Hayazawa, "Nanoscale optical properties visualized by tip-enhanced near-field spectroscopy", 5<sup>th</sup> Asian Spectroscopy Conference (ASC5) (September 29~October 2, Sydney, Australia) (2015).
6. Norihiko Hayazawa, "Nanospectroscopy by Photonics" National Institute of Physics (NIP) Seminar, University of the Philippines Diliman (February 10, Manila, Philippines) (2016).

(4) 特許出願 / Patent Applications

1. 田中拓男, 石川篤, "Metamaterial Absorbers for Infrared Detection of Molecular Self-Assembled Monolayers, 特願 2015-139701 (2015.7.13).

(5) 特筆すべき事項・トピックス（雑誌表紙などの掲載記事）／ Topics

1. “赤外分光計測の飛躍的感度向上に成功”, 科学新聞 2015年8月7日 4面.
2. “赤外分光計測の感度向上－岡山大など光吸収材料を開発”, 化学工業日報 2015年8月5日 朝刊1面.
3. “赤外分光計測の感度向上－岡大と理研 人工光学材を開発”, 日刊工業新聞 2015年8月3日 朝刊17面.