

超高速コヒーレント軟X線光学研究チーム / Ultrafast Coherent Soft X-ray Photonics
Research Team

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

1. Xu, L., Xue, B., Ishii, N., Itatani, J., Midorikawa, K., Takahashi, E.J., “100-mJ class, sub-two-cycle, carrier-envelope phase-stable dualchirped optical parametric amplification”, *Opt Lett* 47, 3371-3374 (2022).

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

1. 高橋栄治, “光パラメトリック増幅を利用したテラワット級高強度中赤外パルスレーザーの開発”, *レーザー研究*, 第50巻第6号(2022).

(3) 招待講演 / Invited Talks

1. Takahashi, E.J., “Novel ultrafast laser technologies for generating GW-scale isolated attosecond pulses”, The 1st International Conference on UltrafastX, Xi'an, China, Apr. (2022).
2. Takahashi, E.J., “Intense single-cycle pulses via serial waveform synthesis”, International Symposium on Ultrafast Intense Laser Science 2022, Hawaii, USA, Dec. (2022).
3. Takahashi, E.J., “Novel laser sources for driving an intense attosecond pulse”, The 13th International Conference on Information Optics and Photonics (CIOP 2022), Online, Aug. (2022).
4. Xu, L., Takahashi, E.J., “Over 60-mJ, Mid-IR Single-Cycle Pulses based on the Advanced DC-OPA”, The 12th Asian Symposium on Intense Laser Science (ASILS12), Singapore, Dec. (2022).

(4) 会議、シンポジウム、セミナー主催 / Meeting, Symposiums and Seminars

1. 6th RIKEN-RAP and QST-KPSI Joint Seminar, 京都, 2月8日 (2023).