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1	Nakata, Y., Osawa, K., Miyanaga, N.	Utilization of the high spatial-frequency component in adaptive beam shaping by using a virtual diagonal phase grating	Scientific Reports	9	1	
2	Morace, A., Iwata, N., Sentoku, Y., Mima, K., Arikawa, Y., Yogo, A., Andreev, A., Tosaki, S., Vaisseau, X., Abe, Y., Kojima, S., Sakata, S., Hata, M., Lee, S., Matsuo, K., Kamitsukasa, N., Norimatsu, T., Kawanaka, J., Tokita, S., Miyanaga, N., Shiraga, H., Sakawa, Y., Nakai, M., Nishimura, H., Azechi, H., Fujioka, S., Kodama, R.	Enhancing laser beam performance by interfering intense laser beamlets	Nature Communications	10	1	
3	Kinoshita, J., Ochi, K., Takamori, A., Yamamoto, K., Kuroda, K., Suzuki, K., Hieda, K.	Color speckle measurement of white laser beam emitted from fiber output of RGB laser modules	Optical Review	26	6	720-728
4	Okada, K., Serita, K., Zang, Z., Murakami, H., Kawayama, I., Cassar, Q., MacGrogan, G., Guillet, J.-P., Mounaix, P., Tonouchi,	Scanning laser terahertz near-field reflection imaging system	Applied Physics Express	12	12	
5	Takano, K., Asai, M., Kato, K., Komiyama, H., Yamaguchi, A., Iyoda, T., Tadokoro, Y., Nakajima, M., Bakunov, M.I.	Terahertz emission from gold nanorods irradiated by ultrashort laser pulses of different wavelengths	Scientific Reports	9	1	
6	Gong, T., Habara, H., Sumioka, K., Yoshimoto, M., Hayashi, Y., Kawazu, S., Otsuki, T., Matsumoto, T., Minami, T., Abe, K., Aizawa, K., Enmei, Y., Fujita, Y., Ikegami, A., Makiyama, H., Okazaki, K., Okida, K., Tsukamoto, T., Arikawa, Y., Fujioka, S., Iwasa, Y., Lee, S., Nagatomo, H., Shiraga, H., Yamanoi, K., Wei, M.S., Tanaka, K.A.	Direct observation of imploded core heating via fast electrons with super-penetration scheme	Nature Communications	10	1	
7	Kojima, S., Hata, M., Iwata, N., Arikawa, Y., Morace, A., Sakata, S., Lee, S., Matsuo, K., Law, K.F.F., Morita, H., Ochiai, Y., Yogo, A., Nagatomo, H., Ozaki, T., Johzaki, T., Sunahara, A., Sakagami, H., Zhang, Z., Tosaki, S., Abe, Y., Kawanaka, J., Tokita, S., Nakai, M., Nishimura, H., Shiraga, H., Azechi, H.,	Electromagnetic field growth triggering super-ponderomotive electron acceleration during multi-picosecond laser-plasma interaction	Communications Physics	2	1	
8	Guarguaglini, M., Hernandez, J.-A., Okuchi, T., Barroso, P., Benuzzi-Mounaix, A., Bethkenhagen, M., Bolis, R., Brambrink, E., French, M., Fujimoto, Y., Kodama, R., Koenig, M., Lefevre, F., Miyanishi, K., Ozaki, N., Redmer, R., Sano, T., Umeda, Y., Vinci, T., Ravasio, A.	Laser-driven shock compression of “synthetic planetary mixtures” of water, ethanol, and ammonia	Scientific Reports	9	1	
9	Li, D., Nakajima, M., Tani, M., Yang, J., Kitahara, H., Hashida, M., Asakawa, M., Liu, W., Wei, Y., Yang, Z.	Terahertz Radiation from Combined Metallic Slit Arrays	Scientific Reports	9	1	
10	Malko, S., Vaisseau, X., Perez, F., Batani, D., Curcio, A., Ehret, M., Honrubia, J., Jakubowska, K., Morace, A., Santos, J.J., Volpe, L.	Enhanced relativistic-electron beam collimation using two consecutive laser pulses	Scientific Reports	9	1	
11	Mabey, P., Albertazzi, B., Falize, E., Michel, T., Rigon, G., Van Box Som, L., Pelka, A., Brack, F.-E., Kroll, F., Filippov, E., Gregori, G., Kuramitsu, Y., Lamb, D.Q., Li, C., Ozaki, N., Pikuz, S., Sakawa, Y., Tzeferacos, P., Koenig, M.	Laboratory study of stationary accretion shock relevant to astrophysical systems	Scientific Reports	9	1	
12	Sano, T., Hata, M., Kawahito, D., Mima, K., Sentoku, Y.	Ultrafast wave-particle energy transfer in the collapse of standing whistler waves	Physical Review E	100	5	
13	Tsubakimoto, K., Higuchi, H., Fukuishi, K., Yoshida, H., Miyanaga, N.	Fast pulse train control using filled-aperture coherent beam combining for high-average-power laser systems	Optics Letters	44	22	5434-5437
14	Ochi, K., Yamamoto, K.	Speckle measurement for light diffusion fiber	MOC 2019 - 24th Microoptics Conference			
15	Morioka, S., Ozaki, N., Hosomi, M., Katagiri, K., Matsuoka, T., Miyanishi, K., Okuchi, T., Sano, T., Umeda, Y., Kodama, R.	Laser-shock compression experiment on magnesium hydride	High Energy Density Physics	33		
16	Ota, M., Morace, A., Kumar, R., Kambayashi, S., Egashira, S., Kanasaki, M., Fukuda, Y., Sakawa, Y.	Collisionless electrostatic shock acceleration of proton using high intensity laser	High Energy Density Physics	33		

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17	Liu, C., Matsuo, K., Ferri, S., Chung, H.-K., Lee, S., Sakata, S., Law, K.F.F., Morita, H., Pollock, B., Moody, J., Fujioka, S.	Design of Zeeman spectroscopy experiment with magnetized silicon plasma generated in the laboratory	High Energy Density Physics	33		
18	Wantana, N., Kaewnuam, E., Ruangtaweep, Y., Valiev, D., Stepanov, S., Yamanoi, K., Kim, H.J., Kaewkhao, J.	Radio, cathodo and photoluminescence investigations of high density WO<inf>3</inf>-Gd<inf>2</inf>O<inf>3</inf>-B<inf>2</inf>O<inf>3</inf> glass doped with Tb3+	Radiation Physics and Chemistry	164		
19	Shimada, Y., Kawasaki, H., Watanabe, K., Hara, H., Anraku, K., Shoji, M., Oba, T., Matsuda, M., Jiang, W., Sunahara, A., Nishikino, M., Namba, S., O'Sullivan, G., Higashiguchi, T.	Optimized highly charged ion production for strong soft x-ray sources obeying a quasi-Moseley's law	AIP Advances	9	11	
20	Uehara, H., Konishi, D., Goya, K., Sahara, R., Murakami, M., Tokita, S.	Power scalable 30-W mid-infrared fluoride fiber amplifier	Optics Letters	44	19	4777-4780
21	Goya, K., Uehara, H., Konishi, D., Sahara, R., Murakami, M., Tokita, S.	Stable 35-W Er: ZBLAN fiber laser with CaF<inf>2</inf> end caps	Applied Physics Express	12	10	
22	Minami, Y., Gabayno, J.L., Agulto, V.C., Lai, Y., Empizo, M.J.F., Shimizu, T., Yamanoi, K., Sarukura, N., Yoshikawa, A., Murata, T., Guzik, M., Guyot, Y., Boulon, G., Harrison, J.A., Cadatal-Raduban, M.	Spectroscopic investigation of praseodymium and cerium co-doped 20Al(PO<inf>3</inf>)<inf>3</inf>-80LiF glass for potential scintillator applications	Journal of Non-Crystalline Solids	521		
23	Kurata, M., Sekine, T., Hatano, Y., Muramatsu, Y., Morita, T., Kabeya, Y., Iguchi, T., Kurita, T., Takeuchi, Y., Kawai, K., Tamaoki, Y., Kato, Y., Tokita, S., Kawanaka, J.	Development of a 100 J class cryogenically cooled multi-disk Yb:YAG Ceramics Laser	Advanced Solid State Lasers - Proceedings Laser Congress 2019 (ASSL, LAC, LS and C)			
24	Hamamoto, K., Yasuhara, R., Tokita, S., Chyla, M., Kawanaka, J.	Piezooptic Coefficients Measurement of Ceramic YAG	Advanced Solid State Lasers - Proceedings Laser Congress 2019 (ASSL, LAC, LS and C)			
25	Pushkin, A.V., Migal, E.A., Uehara, H., Goya, K., Tokita, S., Frolov, M.P., Korostelin, Yu.V., Kozlovsky, V.I., Skasyrsky, Ya.K., Potemkin, F.V.	Directly fiber-pumped mid-IR Fe:ZnSe CW laser tunable from 3.8 up to 5.1 μm	Advanced Solid State Lasers - Proceedings Laser Congress 2019 (ASSL, LAC, LS and C)			
26	Nagatomo, H., Johzaki, T., Asahina, T., Hata, M., Sentoku, Y., Mima, K., Sakagami, H.	Study of fast ignition target design for ignition and burning experiments	Nuclear Fusion	59	10	
27	Yano, M., Zhidkov, A., Koga, J.K., Hosokai, T., Kodama, R.	Effects of hole-boring and relativistic transparency on particle acceleration in overdense plasma irradiated by short multi-PW laser pulses	Physics of Plasmas	26	9	
28	Li, Z., Kawanaka, J.	Complex spatiotemporal coupling distortion pre-compensation with double-compressors for an ultra-intense femtosecond laser	Optics Express	27	18	25172-25186
29	Koike, Y., Hirota, K., Qiu, H., Kimoto, S., Kato, K., Yoshimura, M., Nakajima, M.	The observation of spin reorientation phase transition in Sm<inf>1-x</inf> Er<inf>x</inf> FeO<inf>3</inf>	International Conference on Infrared, Millimeter, and Terahertz Waves, IRMMW-THz	2019-September		
30	Serita, K., Murakami, H., Kawayama, I., Tonouchi, M.	An ultrasensitive terahertz microfluidic chip based on Fano resonance of a few arrays of meta-atoms	International Conference on Infrared, Millimeter, and Terahertz Waves, IRMMW-THz	2019-September		
31	Hao, J., Chen, G., Nishimura, T., Nakanishi, H., Murakami, H., Tonouchi, M., Kawayama, I.	Evaluation of Ga<inf>2</inf>O<inf>3</inf> Surface Potential using Laser THz emission Microscopy	International Conference on Infrared, Millimeter, and Terahertz Waves, IRMMW-THz	2019-September		
32	Tojo, H., Sasao, H., Oyama, N., Tsubakimoto, K., Yoshida, H.	Laser transfer technique using wavefront correction and beam homogenizers in Thomson scattering diagnostics	Fusion Engineering and Design	146		1676-1680
33	Nakajima, M., Qiu, H., Kimoto, S., Kato, K., Koike, Y., Yoshimura, M., Imoto, K., Yoshikiyo, M., Namai, A., Miyasita, S., Ohkoshi, S.	Ultrafast magnetic response in ϵ-Fe<inf>2</inf>O<inf>3</inf> nano magnet measured by terahertz-pump optical-Faraday-probe measurement	International Conference on Infrared, Millimeter, and Terahertz Waves, IRMMW-THz	2019-September		
34	Murakami, F., Serita, K., Murakami, H., Dalipi, R., Urbas, A.M., Materna, A., Buza, M., Pawlak, D.A., Tonouchi, M., Kawayama, I.	Observation of Bi<inf>2</inf> Te<inf>3</inf>/Te striped structures using microscope	International Conference on Infrared, Millimeter, and Terahertz Waves, IRMMW-THz	2019-September		
35	Nakajima, M., Kato, K., Qiu, H., Shimizu, T., Sarukura, N., Yoshimura, M., Fukuda, T., Khutoryan, E.M., Tatematsu, Y., Tani, M., Idehara, T.	Observation of strong yellow emission for high-conductivity ZnO excited by sub-terahertz gyrotron beam	International Conference on Infrared, Millimeter, and Terahertz Waves, IRMMW-THz	2019-September		
36	Makino, K., Kato, K., Saito, Y., Fons, P., Kolobov, A.V., Tominaga, J., Nakano, T., Nakajima, M.	Switching of the Optical Properties of Ge<inf>2</inf>Sb<inf>2</inf>Te<inf>5</inf> Phase Change Material in the Terahertz Frequency Region	International Conference on Infrared, Millimeter, and Terahertz Waves, IRMMW-THz	2019-September		
37	Nakajima, M., Qiu, H., Wang, L., Shen, Z., Kato, K., Koike, Y., Yoshimura, M., Hu, W., Lu, Y.	Polarization Control of Terahertz Spintronic Emitter Combined with Liquid Crystal by the External Magnetic and Electric Field	International Conference on Infrared, Millimeter, and Terahertz Waves, IRMMW-THz	2019-September		

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38	Mag-Usara, V.K., Torosyan, G., Talara, M., Afalla, J., Muldera, J., Kitahara, H., Scheuer, L., Sokoluk, D., Papaioannou, E.T., Rahm, M., Beigang, R., Tani, M.	Spintronic THz Generation Using a Silicon-based Fe/Pt Bilayer as the Radiation Source	International Conference on Infrared, Millimeter, and Terahertz Waves, IRMMW-THz	2019-September		
39	Morita, T., Nagashima, K., Edamoto, M., Tomita, K., Sano, T., Itadani, Y., Kumar, R., Ota, M., Egashira, S., Yamazaki, R., Tanaka, S.J., Tomita, S., Tomiya, S., Toda, H., Miyata, I., Kakuchi, S., Sei, S., Ishizaka, N., Matsukiyo, S., Kuramitsu, Y., Ohira, Y., Hoshino, M., Sakawa, Y.	Anomalous plasma acceleration in colliding high-power laser-produced plasmas	Physics of Plasmas	26	9	
40	Iwasa, Y., Ogino, H., Song, D., Agulto, V.C., Yamanoi, K., Shimizu, T., Ueda, J., Hongo, K., Maezono, R., Tanabe, S.,	Synthesis, optical properties, and band structures of a series of layered mixed-anion compounds	Journal of Materials Science: Materials in Electronics	30	18	16827-16832
41	Rigon, G., Casner, A., Albertazzi, B., Michel, T., Mabey, P., Falize, E., Ballet, J., Van Box Som, L., Pikuz, S., Sakawa, Y., Sano, T., Faenov, A., Pikuz, T., Ozaki, N., Kuramitsu, Y., Valdivia, M.P., Tzeferacos, P., Lamb, D., Koenig, M.	Rayleigh-Taylor instability experiments on the LULI2000 laser in scaled conditions for young supernova remnants	Physical Review E	100	2	
42	Tanaka, M., Murakami, M.	Relativistic and electromagnetic molecular dynamics simulations for a carbon–gold nanotube accelerator	Computer Physics Communications	241		56-63
43	Guo, X., Tokita, S., Kawanaka, J.	Highly efficient femtosecond second-harmonic generation from Yb:CaF<inf>2</inf>-regenerative amplifier	Applied Physics B: Lasers and Optics	125	8	
44	Li, C.K., Tikhonchuk, V.T., Moreno, Q., Sio, H., D'Humières, E., Ribeyre, X., Korneev, P., Atzeni, S., Betti, R., Birkel, A., Campbell, E.M., Follett, R.K., Frenje, J.A., Hu, S.X., Koenig, M., Sakawa, Y., Sangster, T.C., Seguin, F.H., Takabe, H., Zhang, S., Petrasso, R.D.	Collisionless Shocks Driven by Supersonic Plasma Flows with Self-Generated Magnetic Fields	Physical Review Letters	123	5	
45	Iwata, N., Sentoku, Y., Sano, T., Mima, K.	Electron acceleration in dense plasmas heated by a picosecond relativistic laser	Nuclear Fusion	59	8	
46	Murai, R., Fukuhara, T., Ando, G., Tanaka, Y., Takahashi, Y., Matsumoto, K., Adachi, H., Maruyama, M., Imanishi, M., Kato, K., Nakajima, M., Mori, Y., Yoshimura, M.	Growth of large and high quality CsLiB<inf>6</inf>O<inf>10</inf> crystals from self-flux solutions for high resistance against UV laser-induced degradation	Applied Physics Express	12	7	
47	Li, H., Tang, X., Hang, S., Liu, Y., Mu, J., Zhou, W.	High-directional laser-plasma-induced X-ray source assisted by collimated electron beams in targets with a self-generated magnetic field	Fusion Engineering and Design	144		193-201
48	Bolouki, N., Sakai, K., Huang, T.Y., Isayama, S., Liu, Y.L., Peng, C.W., Chen, C.H., Khasanah, N., Chu, H.H., Moritaka, T., Tomita, K., Sato, Y., Uchino, K., Morita, T., Matsukiyo, S., Hara, Y., Shimogawara, H., Sakawa, Y., Sakata, S., Kojima, S., Fujioka, S., Shoji, Y., Tomiya, S., Yamazaki, R., Koenig, M., Kuramitsu, Y.	Collective Thomson scattering measurements of electron feature using stimulated Brillouin scattering in laser-produced plasmas	High Energy Density Physics	32		82-88
49	Hartley, N.J., Grenzer, J., Lu, W., Huang, L.G., Inubushi, Y., Kamimura, N., Katagiri, K., Kodama, R., Kon, A., Lipp, V., Makita, M., Matsuoka, T., Medvedev, N., Nakajima, S., Ozaki, N., Pikuz, T., Rode, A.V., Rohatsch, K., Sagae, D., Schuster, A.K., Tono, K., Vorberger, J., Yabuuchi, T., Kraus, D.	Ultrafast anisotropic disordering in graphite driven by intense hard X-ray pulses	High Energy Density Physics	32		63-69
50	Mukuda, H., Yashima, M., Matsumura, T., Maki, S., Kitaoka, Y., Miyake, K., Murakami, H., Giraldo-Gallo, P., Geballe, T.H., Fisher, I.R.	125Te-NMR Study in Novel Superconductor Pb<inf>1−x</inf>Tl<inf>x</inf>Te with Valence Skipping Dopants	Journal of Superconductivity and Novel Magnetism	32	6	1629-1632
51	Ogino, J., Tokita, S., Zhaoyang, L., Yamaguchi, N., Motokoshi, S., Sakamoto, M., Morio, N., Tsubakimoto, K., Yoshida, H., Fujioka, K., Kawanaka, J.	Key technologies for the development of 100 J, 100 Hz cryogenically-cooled active-mirror amplifier	2019 Conference on Lasers and Electro-Optics Europe and European Quantum Electronics Conference, CLEO/Europe-EQEC 2019			
52	Tokita, S., Nishio, M., Uehara, H., Yanagitani, T., Fujioka, K., Kawanaka, J., Yasuhara, R.	Terbium aluminium garnet ceramics for ultrahigh power laser isolators	2019 Conference on Lasers and Electro-Optics Europe and European Quantum Electronics Conference, CLEO/Europe-EQEC 2019			

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54	Shiroto, T., Sentoku, Y.	Structure-preserving strategy for conservative simulation of the relativistic nonlinear Landau-Fokker-Planck equation	Physical Review E	99	5	
55	Avetisyan, Y., Miroyan, R., Tonouchi, M.	Pulse Sequence for Nearly Single-Cycle Terahertz Pulse Generation in Aperiodically Poled Lithium Niobate	2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings			
56	Fujioka, K., Guo, X., Maruyama, M., Kawanaka, J., Miyanaga, N.	Room-temperature bonding with post-heat treatment for composite Yb:YAG ceramic lasers	Optical Materials	91		344-348
57	Koga, J.K., Murakami, M., Arefiev, A.V., Nakamiya, Y.	Probing and possible application of the QED vacuum with micro-bubble implosions induced by ultra-intense laser pulses	Matter and Radiation at Extremes	4	3	
58	Li, Z., Ogino, J., Tokita, S., Kawanaka, J.	Arbitrarily distorted 2-dimensional pulse-front measurement and reliability analysis	Optics Express	27	9	13292-13306
59	Murakami, H., Mizui, K., Tonouchi, M.	High-sensitivity photoconductive detectors with wide dipole electrodes for low frequency THz wave detection	Journal of Applied Physics	125	15	
60	Sawada, H., Sentoku, Y., Yabuuchi, T., Zastrau, U., Förster, E., Beg, F.N., Chen, H., Kemp, A.J., McLean, H.S., Patel, P.K., Ping, Y.	Monochromatic 2D Kα Emission Images Revealing Short-Pulse Laser Isochoric Heating Mechanism	Physical Review Letters	122	15	
61	Li, Z., Kawanaka, J.	Possible method for a single-cycle 100 petawatt laser with wide-angle non-collinear optical parametric chirped pulse amplification	OSA Continuum	2	4	1125-1137
62	Okada, K., Serita, K., Zang, Z., Murakami, H., Kawayama, I., Cassar, Q., Al-Ibadi, A., MacGrogan, G., Zimmer, T., Guillet, J.-P., Mounaix, P., Tonouchi, M.	Scanning laser terahertz near-field reflection microscope for biological analysis	Bio-Optics: Design and Application - Proceedings Biophotonics Congress: Optics in the Life Sciences Congress 2019 (BODA, BRAIN, NTM, OMA, OMP)			
63	Kumar, R., Sakawa, Y., Döhl, L.N.K., Woolsey, N., Morace, A.	Enhancement of collisionless shock ion acceleration by electrostatic ion two-stream instability in the upstream plasma	Physical Review Accelerators and Beams	22	4	
64	Kikuchi, M., Takizuka, T., Medvedev, S., Ando, T., Chen, D., Li, J.X., Austin, M., Sauter, O., Villard, L., Merle, A., Fontana, M., Kishimoto, Y., Imadera, K.	L-mode-edge negative triangularity tokamak reactor	Nuclear Fusion	59	5	
65	Matsuoka, C., Nishihara, K., Sano, T.	Nonlinear interfacial motion in magnetohydrodynamic flows	High Energy Density Physics	31		19-23
66	Honda, Y., Motokoshi, S., Jitsuno, T., Fujioka, K., Nakatsuka, M., Yoshida, M., Yamada, T., Kawanaka, J., Miyanaga, N.	Temperature-dependent fluorescence decay and energy transfer in Nd/Cr:YAG ceramics	Optical Materials	90		215-219
67	Murakami, M., Arefiev, A., Zosa, M.A., Koga, J.K., Nakamiya, Y.	Relativistic proton emission from ultrahigh-energy-density nanosphere generated by microbubble implosion	Physics of Plasmas	26	4	
68	Fujimoto, R., Maruyama, M., Okada, S., Adachi, H., Yoshikawa, H.Y., Takano, K., Imanishi, M., Tsukamoto, K., Yoshimura, M., Mori, Y.	Large-scale crystallization of acetaminophen trihydrate by a novel stirring technique	Applied Physics Express	12	4	
69	Mariscal, D., Ma, T., Wilks, S.C., Kemp, A.J., Williams, G.J., Michel, P., Chen, H., Patel, P.K., Remington, B.A., Bowers, M., Pelz, L., Hermann, M.R., Hsing, W., Martinez, D., Sigurdsson, R., Prantil, M., Conder, A., Lawson, J., Hamamoto, M., Di Nicola, P., Widmayer, C., Homoelle, D., Lowe-Webb, R., Herriot, S., Williams, W., Alessi, D., Kalantar, D., Zacharias, R., Haefner, C., Thompson, N., Zobrist, T., Lord, D., Hash, N., Pak, A., Lemos, N., Tabak, M., McGuffey, C., Kim, J., Beg, F.N., Wei, M.S., Norreys, P., Morace, A., Iwata, N., Sentoku, Y., Neely, D., Scott, G.G., Flippo, K.	First demonstration of ARC-accelerated proton beams at the National Ignition Facility	Physics of Plasmas	26	4	
70	Salvadori, M., Andreoli, P.L., Bollanti, S., Bombarda, F., Cipriani, M., Consoli, F., Cristofari, G., Angelis, R.D., Giorgio, G.D., Flora, F., Giulietti, D., Mezi, L., Migliorati, M., Alkhimova, M.A., Pikuz, S., Pikuz, T., Kodama, R.	A laser-produced plasma X-ray source for contact microscopy	Journal of Instrumentation	14	3	
71	Yabuuchi, T., Kon, A., Inubushi, Y., Togahi, T., Sueda, K., Itoga, T., Nakajima, K., Habara, H., Kodama, R., Tomizawa, H., Yabashi, M.	An experimental platform using high-power, high-intensity optical lasers with the hard X-ray free-electron laser at SACLA	Journal of Synchrotron Radiation	26	2	585-594

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72	Li, H., Tang, X., Hang, S., Liu, Y., Mu, J., Zhou, W.	Re-entry blackout elimination and communication performance analysis based on laser-plasma-induced X-ray emission	Physics of Plasmas	26	3	
73	Umeda, T., Yamazaki, R., Ohira, Y., Ishizaka, N., Kakuchi, S., Kuramitsu, Y., Matsukiyo, S., Miyata, I., Morita, T., Sakawa, Y., Sano, T., Sei, S., Tanaka, S.J., Toda, H., Tomita, S.	Full particle-in-cell simulation of the interaction between two plasmas for laboratory experiments on the generation of magnetized collisionless shocks with high-power lasers	Physics of Plasmas	26	3	
74	Casner, A., Mailliet, C., Rigon, G., Khan, S.F., Martinez, D., Albertazzi, B., Michel, T., Sano, T., Sakawa, Y., Tzeferacos, P., Lamb, D., Liberatore, S., Izumi, N., Kalantar, D., Di Nicola, P., Di Nicola, J.M., Le Bel, E., Igumenshchev, I., Tikhonchuk, V., Remington, B.A., Ballet, J., Falize, E., Masse, L., Smalyuk, V.A., Koenig, M.	From ICF to laboratory astrophysics: Ablative and classical Rayleigh-Taylor instability experiments in turbulent-like regimes	Nuclear Fusion	59	3	
75	Yamada, H., Moriyasu, K., Sato, H., Hatanaka, H., Yamamoto, K.	Theoretical calculation and experimental investigation of speckle reduction by multiple wavelength lasers in laser projector with different angular diversities	Journal of Optics (United Kingdom)	21	4	
76	Shiroto, T., Ohnishi, N., Sentoku, Y.	Quadratic conservative scheme for relativistic Vlasov–Maxwell system	Journal of Computational Physics	379		32-50
77	Yamada, H., Moriyasu, K., Sato, H., Hatanaka, H., Yamamoto, K.	Effect of brightness on speckle contrast and human speckle perception in laser projection systems	OSA Continuum	2	2	349-357
78	Li, Z., Miyanaga, N.	Theoretical method for generating regular spatiotemporal pulsed-beam with controlled transverse-spatiotemporal dispersion	Optics Communications	432		91-96
79	Ishino, M., Kitamura, T., Takamori, A., Kinoshita, J., Hasegawa, N., Nishikino, M., Yamamoto, K.	Scanning 3D-LiDAR based on visible laser diode for sensor-integrated variable distribution lighting	Optical Review	26	1	213-220
80	Kinoshita, J., Yamamoto, K., Takamori, A., Kuroda, K., Suzuki, K.	Visual resolution of raster-scan laser mobile projectors under effects of color speckle	Optical Review	26	1	187-200
81	Uehara, H., Tokita, S., Kawanaka, J., Konishi, D., Murakami, M., Yasuhara, R.	A passively Q-switched compact Er:Lu<inf>2</inf>O<inf>3</inf> ceramics laser at 2.8 μm with	Applied Physics Express	12	2	
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