

Masayuki Suzuki

List of Publications by Year in descending order

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59
papers

1,402
citations

361413

20
h-index

330143

37
g-index

59
all docs

59
docs citations

59
times ranked

840
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong resonance enhancement of a single harmonic generated in the extreme ultraviolet range. Optics Letters, 2006, 31, 1699.	3.3	186
2	Anomalous enhancement of a single high-order harmonic by using a laser-ablation tin plume at 47 nm. Optics Letters, 2006, 31, 3306.	3.3	103
3	High-order harmonic generation from boron plasma in the extreme-ultraviolet range. Optics Letters, 2005, 30, 768.	3.3	102
4	Strong extreme ultraviolet emission from a double-stream xenon/helium gas puff target irradiated with a Nd:YAG laser. Optics Communications, 2000, 184, 161-167.	2.1	86
5	Intense exact resonance enhancement of single-high-harmonic from an antimony ion by using Ti:Sapphire laser at 37 nm. Optics Express, 2007, 15, 1161.	3.4	73
6	Investigation of soft X-ray emission from a gas puff target irradiated with a Nd:YAG laser. Optics Communications, 1999, 163, 103-114.	2.1	69
7	Radiologic imaging of herniation of the small bowel through a defect in the broad ligament. Gastrointestinal Radiology, 1986, 11, 102-104.	0.4	62
8	Fabrication of two-dimensional periodic nanostructures by two-beam interference of femtosecond pulses. Optics Express, 2008, 16, 1874.	3.4	56
9	Generation of broadband noise-like pulse from Yb-doped fiber laser ring cavity. Optics Letters, 2015, 40, 804.	3.3	52
10	Influence of ablated and tunneled electrons on quasi-phase-matched high-order-harmonic generation in laser-produced plasma. Physical Review A, 2015, 91, .	2.5	47
11	Detailed space-resolved characterization of a laser-plasma soft-x-ray source at 135-nm wavelength with tin and its oxides. Journal of the Optical Society of America B: Optical Physics, 2000, 17, 1616.	2.1	45
12	Radiation-induced cranial nerve palsy: hypoglossal nerve and vocal cord palsies. Journal of Laryngology and Otology, 1991, 105, 44-45.	0.8	37
13	Enhanced levels of C-X-C chemokine, human GRO α , in Helicobacter pylori-associated gastric disease. Journal of Gastroenterology and Hepatology (Australia), 1998, 13, 516-520.	2.8	33
14	Seventy-first harmonic generation from doubly charged ions in preformed laser-ablation vanadium plume at 110 eV. Optics Express, 2007, 15, 4112.	3.4	32
15	Spectral periodicity in soliton explosions on a broadband mode-locked Yb fiber laser using time-stretch spectroscopy. Optics Letters, 2018, 43, 1862.	3.3	32
16	Augmented levels of gastric mucosal leucocyte activation by infection with cagA gene ϵ -positive Helicobacter pylori. Journal of Gastroenterology and Hepatology (Australia), 1998, 13, 294-300.	2.8	31
17	Analysis of nonlinear self-interaction of femtosecond pulses during high-order harmonic generation in laser-produced plasma. Journal of the Optical Society of America B: Optical Physics, 2006, 23, 1332.	2.1	29
18	Two-color high-harmonic generation in plasmas: efficiency dependence on the generating particle properties. Optics Express, 2016, 24, 13971.	3.4	26

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19	Observation of single high-harmonic enhancement by quasi-resonance with a tellurium ion in a laser-ablation plume at 2944 nm. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2007, 24, 2686.	2.1	23
20	High-order harmonic generation from carbon plasma. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2005, 22, 1927.	2.1	21
21	Correlation between Lamina Cribrosa Tilt Angles, Myopia and Glaucoma Using OCT with a Wide Bandwidth Femtosecond Mode-Locked Laser. <i>PLoS ONE</i> , 2014, 9, e116305.	2.5	20
22	Time and space-resolved measurement of a gas-puff laser-plasma x-ray source. <i>Physics of Plasmas</i> , 2003, 10, 227-233.	1.9	17
23	Extension of cutoff in high harmonic by using doubly charged ions in a laser-ablation plume. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2007, 24, 2847.	2.1	17
24	Application of mid-infrared pulses for quasi-phase-matching of high-order harmonics in silver plasma. <i>Optics Express</i> , 2016, 24, 3414.	3.4	17
25	Ultra-Intense, High Spatio-Temporal Quality Petawatt-Class Laser System and Applications. <i>Applied Sciences (Switzerland)</i> , 2013, 3, 214-250.	2.5	15
26	Advanced 20 TW Ti:S laser system for X-ray laser and coherent XUV generation irradiated by ultra-high intensities. <i>Laser and Particle Beams</i> , 2005, 23, 183-186.	1.0	14
27	High-order harmonic generation in Ag, Sn, fullerene, and graphene nanoparticle-contained plasmas using two-color mid-infrared pulses. <i>European Physical Journal D</i> , 2016, 70, 1.	1.3	13
28	Spectral dynamics on saturable absorber in mode-locking with time stretch spectroscopy. <i>Scientific Reports</i> , 2020, 10, 14460.	3.3	12
29	Oral colchicine monotherapy for epidermolysis bullosa acquisita: Mechanism of action and efficacy. <i>Journal of Dermatology</i> , 2016, 43, 1389-1391.	1.2	11
30	Quantitative Analysis of Mesenteric Microcirculatory Disturbances Induced by Autonomic Nervous Irritation.. <i>Keio Journal of Medicine</i> , 1992, 41, 128-133.	1.1	11
31	Demonstration of a transient-gain nickel-like xenon-ion x-ray laser. <i>Optics Letters</i> , 2002, 27, 1911.	3.3	10
32	Enhancement of two-color high harmonic by using two compound strong ionic transitions in double-target scheme. <i>Applied Physics Letters</i> , 2007, 90, 261104.	3.3	10
33	Femtosecond laser-induced ZnSe nanowires on the surface of a ZnSe wafer in water. <i>Solid State Communications</i> , 2007, 141, 635-638.	1.9	10
34	Development of a compact efficient 10 Hz 20 TW Ti:sapphire laser system with a 1 kHz regenerative amplifier. <i>Applied Optics</i> , 2007, 46, 2498.	2.1	9
35	Demonstration of a Transient High Gain Soft X-Ray Laser for Neon-Like Argon. <i>Japanese Journal of Applied Physics</i> , 2002, 41, L133-L135.	1.5	8
36	Glaucomatous changes in lamina pores shape within the lamina cribrosa using wide bandwidth, femtosecond mode-locked laser OCT. <i>PLoS ONE</i> , 2017, 12, e0181675.	2.5	8

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37	A high speed three-dimensional spectral domain optical coherence tomography with $\sim 1/4$ μ m axial resolution using wide bandwidth femtosecond mode-locked laser. Applied Physics Letters, 2013, 102, .	3.3	7
38	Vertical asymmetry of lamina cribrosa tilt angles using wide bandwidth, femtosecond mode-locked laser OCT; effect of myopia and glaucoma. Graefe's Archive for Clinical and Experimental Ophthalmology, 2017, 255, 197-205.	1.9	7
39	Ultra-high sensitive and high resolution optical coherence tomography using a laser induced electromagnetic dipole. Applied Physics Letters, 2013, 103, 141118.	3.3	5
40	Three-dimensional optic nerve head images using optical coherence tomography with a broad bandwidth, femtosecond, and mode-locked laser. Graefe's Archive for Clinical and Experimental Ophthalmology, 2015, 253, 313-321.	1.9	5
41	Attenuating Effect of Antithrombin III on the Fibrinolytic Activation and Microvascular Derangement in Rat Gastric Mucosa. Thrombosis and Haemostasis, 1994, 71, 119-123.	3.4	5
42	Characteristics of high-order harmonic spectrum by using laser-ablated two targets combination. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 4480-4483.	2.1	4
43	Bile acid-induced depolarization of mitochondrial membrane potential preceding cell injury in cultured gastric mucosal cells. Journal of Gastroenterology and Hepatology (Australia), 1995, 10, 621-626.	2.8	3
44	Efficient spectral broadening of supercontinuum in photonic crystal fiber with self-phase modulation induced by femtosecond laser pulse. Applied Physics Letters, 2012, 101, 191110.	3.3	3
45	Application of laser-produced extended plasma plumes for generation and characterization of the high-order harmonics of 64 fs pulses. European Physical Journal D, 2014, 68, 1.	1.3	3
46	Femtosecond Laser Induced Nanowire Technique and Its Applications. ISRN Nanotechnology, 2011, 2011, 1-7.	1.3	3
47	Spatial heterogeneity of mucosal blood flow during ischemia-reperfusion injury of rat stomach investigated by laser Doppler perfusion imaging. Journal of Gastroenterology, 1995, 30, 279-286.	5.1	2
48	Single-shot spectroscopy of broadband Yb fiber laser. Proceedings of SPIE, 2017, , .	0.8	2
49	Experimental Verification of Output Power Enhancement in Photonic-based 300-GHz Generation by Optical Pulse Compression. , 2021, , .		2
50	High-Order Harmonic Generation from Low-Density Plasma. , 0, , .		1
51	Double-pulse induced harmonic generation in laser-produced plasmas. European Physical Journal D, 2015, 69, 1.	1.3	1
52	High-order harmonic generation during propagation of the double-pulse beam through the drilled thin films. Applied Physics A: Materials Science and Processing, 2015, 119, 1231-1236.	2.3	1
53	Development of A Compact High-Spatiotemporal-Quality Yb:YAG Thin-Disk Laser System Using An Optical Parametric Pre-amplifier. The Review of Laser Engineering, 2012, 40, 143.	0.0	1
54	STUDIES OF HIGHLY ADVANCED SOFT X-RAY LASERS FOR BIOMEDICAL AND NANO-LASER MEDICINE APPLICATIONS. Nippon Laser Igakkaishi, 2006, 26, 302-309.	0.0	0

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55	Enhancement of single high harmonic generation from Sn and Sb Ion in laser-ablation plume at XUV region. , 2007, , .		0
56	Development of A High-Contrast, High Beam-Quality, High-Intensity Laser. The Review of Laser Engineering, 2010, 38, 669-675.	0.0	0
57	High Power Laser Developments with Femtosecond to Nanosecond Pulse Durations for Laser Shock Science and Engineering. The Review of Laser Engineering, 2014, 42, 441.	0.0	0
58	Generation of Temporal Low Noise Laser Pulses for Investigating of Laser Peening Process. The Review of Laser Engineering, 2014, 42, 482.	0.0	0
59	A CASE OF INFLAMMATORY PSEUDOTUMOR OF THE LIVER. The Journal of the Japanese Practical Surgeon Society, 1987, 48, 551-556.	0.0	0