Henryk Fiedorowicz

List of Publications by Year
in descending order

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275	2,873	172457	265206
papers	citations	29 h-index	42 g-index

278	278	278	1270
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electronic structure of multi-layered graphene oxide membrane moderately reduced in vacuum. Journal of Physics and Chemistry of Solids, 2022, 164, 110623.	4.0	3
2	Insight in Hypoxia-Mimetic Agents as Potential Tools for Mesenchymal Stem Cell Priming in Regenerative Medicine. Stem Cells International, 2022, 2022, 1-24.	2.5	12
3	Laboratory system for optical coherence tomography (OCT) using a laser plasma source of soft x-rays and extreme ultraviolet and focusing ellipsoidal optics. Optics Express, 2022, 30, 13491.	3.4	2
4	Nanometer-Resolution Imaging of Living Cells Using Soft X-ray Contact Microscopy. Applied Sciences (Switzerland), 2022, 12, 7030.	2.5	1
5	Coherence tomography with broad bandwidth extreme ultraviolet and soft X-ray radiation. Applied Physics B: Lasers and Optics, 2021, 127, 1.	2.2	5
6	1-keV emission from laser-plasma source based on an Xe/He double stream gas puff target. Optics Express, 2021, 29, 20514.	3.4	4
7	Adhesion of Triple-Negative Breast Cancer Cells under Fluorescent and Soft X-ray Contact Microscopy. International Journal of Molecular Sciences, 2021, 22, 7279.	4.1	2
8	Effect of Extreme Ultraviolet (EUV) Radiation and EUV Induced, N2 and O2 Based Plasmas on a PEEK Surfaceâ€™s Physico-Chemical Properties and MG63 Cell Adhesion. International Journal of Molecular Sciences, 2021, 22, 8455.	4.1	14
9	Spectral investigations of low-temperature plasma induced in CO₂ gas by nanosecond pulses of extreme ultraviolet (EUV). Plasma Sources Science and Technology, 2021, 30, 115008.	3.1	2
10	Demonstration of Near Edge X-ray Absorption Fine Structure Spectroscopy of Transition Metals Using Xe/He Double Stream Gas Puff Target Soft X-ray Source. Materials, 2021, 14, 7337.	2.9	2
11	NEXAFS spectroscopy and spectromicroscopy in the soft X-ray spectral region with a compact laser plasma source based on a double stream gas puff target. Radiation Physics and Chemistry, 2020, 175, 108086.	2.8	0
12	EXAFS of titanium LIII edge using a compact laboratory system based on a laser-plasma soft X-ray source. Applied Physics B: Lasers and Optics, 2020, 126, 1.	2.2	2
13	Recombination contributions to the anisotropic emission from a laser produced copper plasma. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 065701.	1.5	9
14	Soft x-ray photoabsorption spectra of photoionized CH4and CO2plasmas. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 045701.	1.5	2
15	Nanoexplosion initiated by short-wavelength radiation: Optical breakdown in soft matter revisited. Journal of Applied Physics, 2020, 128, 025901.	2.5	0
16	Effect of photoionized plasma and EUV induced surface modification on physico-chemical properties and cytocompatibility of PLLA. EXPRESS Polymer Letters, 2020, 14, 1063-1077.	2.1	5
17	Pulsed laser-plasma soft X-ray source as a compact tool for X-ray absorption spectroscopy of metal oxides. Journal of Instrumentation, 2020, 15, C05026-C05026.	1.2	0
18	Surface Modification of PLLA, PTFE and PVDF with Extreme Ultraviolet (EUV) to Enhance Cell Adhesion. International Journal of Molecular Sciences, 2020, 21, 9679.	4.1	15

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19	Biological Applications of Short Wavelength Microscopy Based on Compact, Laser-Produced Gas-Puff Plasma Source. Applied Sciences (Switzerland), 2020, 10, 8338.	2.5	6
20	Physico-Chemical Surface Modifications of Polyetheretherketone (PEEK) Using Extreme Ultraviolet (EUV) Radiation and EUV-Induced Nitrogen Plasma. Materials, 2020, 13, 4466.	2.9	13
21	Imaging of Cell Structures Using Optimized Soft X-ray Contact Microscopy. Applied Sciences (Switzerland), 2020, 10, 6895.	2.5	4
22	Characterization of Si and SiC detectors for laser-generated plasma monitoring in short wavelength range. Journal of Instrumentation, 2020, 15, C05027-C05027.	1.2	2
23	Laser-produced plasma soft x-ray source based on an aerosol target. Physics of Plasmas, 2020, 27, .	1.9	4
24	EUV induced, low temperature plasmas, produced in an aerosol target. Journal of Instrumentation, 2020, 15, C02035-C02035.	1.2	0
25	Oxygen K-shell photoabsorption spectra of photoionized CO₂plasmas. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 105701.	1.5	1
26	Chemical Dosimetry in the â€œWater Windowâ€• Ferric Ions and Hydroxyl Radicals Produced by Intense Soft X Rays. Radiation Research, 2020, 193, 372.	1.5	5
27	Spectral Investigation of Laser Plasma Sources for X-Ray Coherence Tomography. Acta Physica Polonica A, 2020, 137, 48-50.	0.5	3
28	2-D nanometer thickness mapping applying a reduced bias soft X-ray NEXAFS approach. Optics Express, 2020, 28, 22478.	3.4	2
29	Near-Edge X-Ray Absorption Fine Structure Spectroscopy of Agarose with a Compact Laser Plasma Soft X-Ray Source. Acta Physica Polonica A, 2020, 137, 51-53.	0.5	1
30	Generation and selected applications of the EUV and SXR radiation, emitted from compact laser-plasma sources. , 2020, , .		1
31	Chemical surface modification of polyethylene terephthalate (PET) films using extreme ultraviolet. AIP Conference Proceedings, 2019, , .	0.4	0
32	Time-resolved measurements of extreme ultraviolet (EUV) emission, from EUV-induced He, Ne, and Ar plasmas. Laser and Particle Beams, 2019, 37, 49-54.	1.0	2
33	NEXAFS at nitrogen K-edge and titanium L-edge using a laser-plasma soft x-ray source based on a double-stream gas puff target. APL Photonics, 2019, 4, 030807.	5.7	11
34	A â€œwater windowâ€•tomography based on a laser-plasma double-stream gas-puff target soft X-ray source. Applied Physics B: Lasers and Optics, 2019, 125, 1.	2.2	13
35	Time-resolved studies of low-temperature, EUV-induced plasmas: EUV emission in selected spectral ranges. Laser and Particle Beams, 2019, 37, 400-407.	1.0	2
36	SiC detectors for evaluation of laserâ€“plasma dynamics employing gas-puff targets. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 922, 250-256.	1.6	4

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37	Monitoring of the plasma generated by a gas-puff target source. Physical Review Accelerators and Beams, 2019, 22, .	1.6	5
38	Plasma density shaping for attosecond electron bunch generation. , 2019, , .		1
39	Cluster and aerosol targets, produced using a gas puff approach, for laser-matter interaction experiments. , 2019, , .		2
40	Tomographic imaging using a compact soft X-ray microscope based on a laser plasma light source. , 2019, , .		2
41	Silicon carbide detectors for diagnostics of laser-produced plasmas. , 2019, , .		3
42	Nanoimaging using a compact laser plasma soft x-ray source based on a gas puff target. , 2019, , .		1
43	A single-shot near edge x-ray absorption fine structure spectroscopy using double stream gas puff target source. , 2019, , .		0
44	EUV-induced plasmas created using intense ionizing radiation pulses from laser-produced plasma sources. , 2019, , .		0
45	Tomography with compact laser plasma double-stream gas-puff target source of the EUV and SXR radiation. , 2019, , .		0
46	Near-edge x-ray absorption fine structure spectroscopy with laser plasma sources of soft x-ray radiation. , 2019, , .		0
47	Pulsed radiography and tomography of transient and low-density objects using laser plasma sources of extreme ultraviolet (EUV). , 2019, , .		0
48	A nanometer axial resolution x-ray coherence tomography with a broadband SXR radiation emitted from a compact laser plasma double-stream gas-puff target source. , 2019, , .		1
49	Advances in microscopic imaging at the nanoscale using soft X-rays and extreme ultraviolet (EUV) from a compact laser plasma source. , 2019, , .		1
50	Recent advances in development and application of laser plasma x-ray sources based on a gas puff target (Conference Presentation). , 2019, , .		0
51	Photoionization of Atomic Neon Induced Using Nanosecond Pulses of Extreme Ultraviolet (EUV). Springer Proceedings in Physics, 2018, , 203-211.	0.2	2
52	Nanoscale Imaging Using a Compact Laser Plasma Source of Soft X-Rays and Extreme Ultraviolet (EUV). Springer Proceedings in Physics, 2018, , 251-260.	0.2	1
53	Low-temperature plasmas induced in nitrogen by extreme ultraviolet (EUV) pulses. Laser and Particle Beams, 2018, 36, 76-83.	1.0	8
54	Extreme ultraviolet holography using a laser-plasma source based on xenon/helium gas puff target. Laser and Particle Beams, 2018, 36, 8-14.	1.0	1

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55	Nanoimaging using soft X-ray and EUV laser-plasma sources. EPJ Web of Conferences, 2018, 167, 03001.	0.3	5
56	Photoionized plasmas induced in molecular gases by extreme ultraviolet and X-ray pulses. EPJ Web of Conferences, 2018, 167, 03003.	0.3	1
57	Single-Shot near Edge X-ray Fine Structure (NEXAFS) Spectroscopy Using a Laboratory Laser-Plasma Light Source. Materials, 2018, 11, 1303.	2.9	10
58	Low temperature plasmas induced in SF6 by extreme ultraviolet (EUV) pulses. Physics of Plasmas, 2018, 25, .	1.9	3
59	A table-top EUV focusing optical system with high energy density using a modified Schwarzschild objective and a laser-plasma light source. Review of Scientific Instruments, 2018, 89, 103109.	1.3	11
60	Temporal measurements of extreme ultraviolet (EUV) emission, from low temperature, EUV-induced plasmas. Laser and Particle Beams, 2018, 36, 286-292.	1.0	9
61	Experimental and theoretical study on emission spectra of a nitrogen photoionized plasma induced by intense EUV pulses. EPJ Web of Conferences, 2018, 167, 03006.	0.3	3
62	2-D elemental mapping of an extreme ultraviolet-irradiated PET with a compact near edge X-ray fine structure spectromicroscopy. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2018, 145, 107-114.	2.9	7
63	Compact system for near edge X-ray fine structure (NEXAFS) spectroscopy using a laser-plasma light source. Optics Express, 2018, 26, 8260.	3.4	31
64	Optical coherence tomography (OCT) with 2â€‰nm axial resolution using a compact laser plasma soft X-ray source. Scientific Reports, 2018, 8, 8494.	3.3	24
65	Development and optimization of a â€œwater windowâ€•microscope based on a gas-puff target laser-produced plasma source. EPJ Web of Conferences, 2018, 167, 03002.	0.3	1
66	Nanoimaging Using Soft X-Ray and EUV Sources Based on Double Stream Gas Puff Targets. Acta Physica Polonica A, 2018, 133, 271-276.	0.5	1
67	Modification of Polymer Substrates with Extreme Ultraviolet - Potential Application in Cancer Cell Identification. Acta Physica Polonica A, 2018, 133, 283-285.	0.5	1
68	Surface Modification of Solids by Extreme Ultraviolet and Plasma Treatment. Acta Physica Polonica A, 2018, 133, 267-270.	0.5	1
69	Biological Action in and out of the Water Window. Acta Physica Polonica A, 2018, 133, 236-238.	0.5	0
70	Investigation of low temperature plasmas induced using laser-produced plasma EUV sources. , 2018, , .		0
71	Optical systems for laser-produced plasma EUV and soft x-ray sources. , 2018, , .		0
72	NEXAFS spectroscopy and spectromicroscopy with laser-produced plasma sources of soft x-ray radiation. , 2018, , .		0

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73	Experimental devices for produce gas cluster and aerosol targets for laser matter experiments. , 2018, , .		0
74	Calibration of SiC Detectors for Nitrogen and Neon Plasma Emission Using Gas-Puff Target Sources. IEEE Transactions on Electron Devices, 2017, 64, 1120-1126.	3.0	14
75	Time resolved anisotropic emission from an aluminium laser produced plasma. Physics of Plasmas, 2017, 24, .	1.9	12
76	Emission spectra of photoionized plasmas induced by intense EUV pulses: Experimental and theoretical investigations. AIP Conference Proceedings, 2017, , .	0.4	0
77	Soft x-ray imaging with incoherent sources. , 2017, , .		0
78	Temporal variations of electron density and temperature in Kr/Ne/H2 photoionized plasma induced by nanosecond pulses from extreme ultraviolet source. Physics of Plasmas, 2017, 24, .	1.9	6
79	Biological and material science applications of EUV and SXR nanoscale imaging systems based on double stream gas puff target laser plasma sources. Nuclear Instruments & Methods in Physics Research B, 2017, 411, 29-34.	1.4	5
80	Development and characterization of a laser-plasma soft X-ray source for contact microscopy. Nuclear Instruments & Methods in Physics Research B, 2017, 411, 35-43.	1.4	14
81	Low-temperature photoionized plasmas induced in Xe gas using an EUV source driven by nanosecond laser pulses. Laser and Particle Beams, 2017, 35, 42-47.	1.0	11
82	Spatial coherence measurements of the EUV emission from laser-plasma source based on xenon/helium gas puff target. Applied Physics B: Lasers and Optics, 2017, 123, 1.	2.2	2
83	Comparison of the polarisation of line and continuum emission in a laser produced plasma. Journal of Physics: Conference Series, 2017, 810, 012063.	0.4	1
84	A desktop extreme ultraviolet microscope based on a compact laser-plasma light source. Applied Physics B: Lasers and Optics, 2017, 123, 1.	2.2	12
85	Spectral lines and characteristic of temporal variations in photoionized plasmas induced with laser-produced plasma extreme ultraviolet source. Nuclear Instruments & Methods in Physics Research B, 2017, 411, 44-48.	1.4	0
86	A standâ€alone compact EUV microscope based on gasâ€puff target source. Journal of Microscopy, 2017, 265, 251-260.	1.8	13
87	Surface roughness control by extreme ultraviolet (EUV) radiation. AIP Conference Proceedings, 2017, , .	0.4	4
88	EUV induced photoionized plasma, a medium for spectral investigation. Journal of Physics: Conference Series, 2017, 810, 012045.	0.4	0
89	Surface structuring and wettability control of Polyvinyl fluoride (PVF) using extreme ultraviolet (EUV) surface modification. , 2017, , .		0
90	Bioimaging Using Full Field and Contact EUV and SXR Microscopes with Nanometer Spatial Resolution. Applied Sciences (Switzerland), 2017, 7, 548.	2.5	14

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91	Nanoscale imaging applications of soft X-ray microscope based on a gas-puff target source. Journal of Physics: Conference Series, 2017, 849, 012050.	0.4	2
92	Reflective optics for effective collection of x-ray and EUV radiation: use for creation of photoionized plasmas and detection of weak signals. , 2017, , .		0
93	Plasma characterization of the gas-puff target source dedicated for soft X-ray microscopy using SiC detectors. Nukleonika, 2016, 61, 139-143.	0.8	8
94	Photoionized argon plasmas induced with intense soft x-ray and extreme ultraviolet pulses. Plasma Physics and Controlled Fusion, 2016, 58, 014009.	2.1	6
95	Characterization and optimization of images acquired by a compact soft X-ray microscope based on a double stream gas-puff target source. Journal of Instrumentation, 2016, 11, C04003-C04003.	1.2	3
96	Kr photoionized plasma induced by intense extreme ultraviolet pulses. Physics of Plasmas, 2016, 23, 043512.	1.9	11
97	Low temperature plasmas created by photoionization of gases with intense radiation pulses from laser-produced plasma sources. , 2016, , .		0
98	Soft X-ray microscope with nanometer spatial resolution and its applications. Proceedings of SPIE, 2016, , .	0.8	2
99	EUV induced low temperature SF6-based plasma. Journal of Instrumentation, 2016, 11, C03009-C03009.	1.2	4
100	DNA strand breaks induced by soft X-ray pulses from a compact laser plasma source. Radiation Physics and Chemistry, 2016, 120, 17-25.	2.8	9
101	Applications of a Compact "Water Window" Source for Investigations of Nanostructures Using SXR Microscope. Acta Physica Polonica A, 2016, 129, 169-171.	0.5	4
102	Contact Microscopy using a Compact Laser Produced Plasma Soft X-Ray Source. Acta Physica Polonica A, 2016, 129, 237-240.	0.5	13
103	Extreme Ultraviolet Surface Modification of Polyethylene Terephthalate (PET) for Surface Structuring and Wettability Control. Acta Physica Polonica A, 2016, 129, 241-243.	0.5	17
104	Low temperature photoionized Ne plasmas induced by laser-plasma EUV sources. Laser and Particle Beams, 2015, 33, 193-200.	1.0	4
105	Study of uniformity of elongated plasma channels formed in gas puff targets using extreme ultraviolet and soft X-ray radiation. Laser and Particle Beams, 2015, 33, 293-298.	1.0	2
106	A Compact â€œWater Windowâ€•Microscope with 60 nm Spatial Resolution for Applications in Biology and Nanotechnology. Microscopy and Microanalysis, 2015, 21, 1214-1223.	0.4	36
107	Photoionized plasmas in laboratory: a connection to astrophysics and planetary sciences. , 2015, , .		1
108	Characterization of pulsed capillary channel gas puff target using EUV shadowgraphy. Nuclear Instruments & Methods in Physics Research B, 2015, 345, 15-21.	1.4	4

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109	Photoionized plasmas induced in neon with extreme ultraviolet and soft X-ray pulses produced using low and high energy laser systems. Physics of Plasmas, 2015, 22, 043302.	1.9	23
110	Extreme ultraviolet and soft X-ray imaging with compact, table top laser plasma EUV and SXR sources. Nuclear Instruments & Methods in Physics Research B, 2015, 364, 40-48.	1.4	4
111	Fresnel zone plate telescope for condenser alignment in water-window microscope. Journal of Optics (United Kingdom), 2015, 17, 055606.	2.2	3
112	Desktop water window microscope using a double-stream gas puff target source. Applied Physics B: Lasers and Optics, 2015, 118, 573-578.	2.2	48
113	Nanoscale imaging and optimization of a compact "water window" SXR microscope. Proceedings of SPIE, 2015, , .	0.8	0
114	A compact â€œwater-windowâ€•microscope with 60-nm spatial resolution based on a double stream gas-puff target and Fresnel zone plate optics. , 2015, , .		0
115	Laser plasma sources of soft x-rays and extreme ultraviolet (EUV) for application in science and technology. Proceedings of SPIE, 2015, , .	0.8	0
116	Compact laser produced plasma soft x-ray source for contact microscopy experiments. , 2015, , .		0
117	Extreme ultraviolet (EUV) surface modification of polytetrafluoroethylene (PTFE) for control of biocompatibility. Nuclear Instruments & Methods in Physics Research B, 2015, 364, 98-107.	1.4	32
118	Development of a compact laser-produced plasma soft X-ray source for radiobiology experiments. Nuclear Instruments & Methods in Physics Research B, 2015, 364, 27-32.	1.4	20
119	Extreme ultraviolet-induced photoionized plasmas. Physica Scripta, 2014, T161, 014061.	2.5	15
120	Resonant third harmonic generation of KrF laser in Ar gas. Review of Scientific Instruments, 2014, 85, 123105.	1.3	5
121	Surface modification of polymers for biocompatibility via exposure to extreme ultraviolet radiation. Journal of Biomedical Materials Research - Part A, 2014, 102, 3298-3310.	4.0	71
122	Laser-plasma SXR/EUV sources: adjustment of radiation parameters for specific applications. , 2014, , .		2
123	Generation and characterization of plasma channels in gas puff targets using soft X-ray radiography technique. Physics of Plasmas, 2014, 21, 103106.	1.9	6
124	Spectral investigations of photoionized plasmas induced in atomic and molecular gases using nanosecond extreme ultraviolet (EUV) pulses. Physics of Plasmas, 2014, 21, 073303.	1.9	32
125	Laser plasma sources of soft X-rays and extreme ultraviolet (EUV) for application in science and technology. , 2014, , .		3
126	Extreme ultraviolet tomography of multi-jet gas puff target for high-order harmonic generation. Applied Physics B: Lasers and Optics, 2014, 117, 253-263.	2.2	14

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127	Extreme ultraviolet tomography using a compact laserâ€“plasma source for 3D reconstruction of low density objects. Optics Letters, 2014, 39, 532.	3.3	14
128	Imaging in Nanoscale Using Laser-Plasma Sources of Extreme Ultraviolet (EUV). Springer Proceedings in Physics, 2014, , 269-276.	0.2	1
129	Polycarbonate Polymer Surface Modification by Extreme Ultraviolet (EUV) Radiation. Acta Physica Polonica A, 2014, 125, 924-928.	0.5	17
130	High-order harmonic generation using a multi-jet gas puff target. Photonics Letters of Poland, 2014, 6, .	0.4	11
131	Water-window microscopy using a compact, laser-plasma SXR source based on a double-stream gas-puff target. Applied Physics B: Lasers and Optics, 2013, 111, 239-247.	2.2	35
132	Study of crystalline thin films and nanofibers by means of the laserâ€“plasma EUV-source based microscopy. Radiation Physics and Chemistry, 2013, 93, 54-58.	2.8	5
133	Sub 1-Î¼m resolution â€œwater-windowâ€•microscopy using a compact, laser-plasma SXR source based on a double stream gas-puff target. Nuclear Instruments & Methods in Physics Research B, 2013, 311, 42-46.	1.4	27
134	Luminescence of He and Ne gases induced by EUV pulses from a laser plasma source. Radiation Physics and Chemistry, 2013, 93, 9-13.	2.8	18
135	Development and applications of x-ray lasers at PALS Centre. , 2013, , .		0
136	EUV optics in photoionization experiments. , 2013, , .		1
137	Detection of significant differences between absorption spectra of neutral helium and low temperature photoionized helium plasmas. Physics of Plasmas, 2013, 20, .	1.9	14
138	EUV induced ablation and surface modification of poly(vinylidene fluoride) irradiated in vacuum or gaseous environment. Proceedings of SPIE, 2013, , .	0.8	1
139	Characterization of a dual-gas multi-jet gas puff target for high-order harmonic generation using extreme ultraviolet shadowgraphy. Laser and Particle Beams, 2013, 31, 219-227.	1.0	13
140	Photo-ionized neon plasmas induced by radiation pulses of a laser-plasma EUV source and a free electron laser FLASH. Laser and Particle Beams, 2013, 31, 195-201.	1.0	33
141	Water-window microscopy using compact, laser-plasma source based on Ar/He double stream gas-puff target. Proceedings of SPIE, 2013, , .	0.8	2
142	Extreme ultraviolet and soft X-ray imaging using compact laser-plasma sources based on a double stream gas-puff target. Photonics Letters of Poland, 2013, 5, .	0.4	1
143	X-ray optics for laser-plasma sources: Aplications of intense SXR and EUV radiation pulses. , 2012, , .		1
144	Nanoscale imaging using a compact laser plasma EUV source. , 2012, , .		2

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145	Lab-scale EUV nano-imaging employing a gas-puff-target source: image quality versus plasma radiation characteristics. Proceedings of SPIE, 2012, , .	0.8	1
146	Simultaneous treatment of polymer surface by EUV radiation and ionized nitrogen. Applied Physics A: Materials Science and Processing, 2012, 109, 39-43.	2.3	52
147	Imaging of nanostructures with sub-100Ânm spatial resolution using a desktop EUV microscope. Applied Physics B: Lasers and Optics, 2012, 109, 105-111.	2.2	9
148	Characterization of multi-jet gas puff targets for high-order harmonic generation using EUV shadowgraphy. Nuclear Instruments & Methods in Physics Research B, 2012, 285, 102-106.	1.4	20
149	Aspects of nanometer scale imaging with extreme ultraviolet (EUV) laboratory sources. Opto-electronics Review, 2012, 20, 1-14.	2.4	2
150	Soft X-ray characterization of an elongated gas-puff target dedicated for laserâ€“matter interaction experiments and high harmonic generation. Nuclear Instruments & Methods in Physics Research B, 2012, 276, 38-43.	1.4	14
151	Efficient micromachining of poly(vinylidene fluoride) using a laser-plasma EUV source. Applied Physics A: Materials Science and Processing, 2012, 106, 551-555.	2.3	14
152	Nanometer-Scale Incoherent Imaging Using Laser-Plasma EUV Source. Acta Physica Polonica A, 2012, 121, 450-453.	0.5	4
153	EUV-Induced Nanostructuring of Solids. Acta Physica Polonica A, 2012, 121, 445-449.	0.5	1
154	A 50nm spatial resolution EUV imagingâ€“resolution dependence on object thickness and illumination bandwidth. Optics Express, 2011, 19, 9541.	3.4	45
155	EUV: induced ablation and surface modifications of solids. Proceedings of SPIE, 2011, , .	0.8	3
156	Combined effect of EUV irradiation and acetone treatment onÂPETÂsurface. Applied Physics A: Materials Science and Processing, 2011, 103, 173-178.	2.3	7
157	Laser-produced plasma EUV source based on tin-rich, thin-layerÂtargets. Applied Physics B: Lasers and Optics, 2011, 102, 559-567.	2.2	10
158	EUV-induced physico-chemical changes in near-surface layers of polymers. Journal of Electron Spectroscopy and Related Phenomena, 2011, 184, 270-275.	1.7	17
159	Laser-plasma EUV source dedicated for surface processing of polymers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 647, 125-131.	1.6	54
160	EUV-induced surface modification of polymers. Springer Proceedings in Physics, 2011, , 239-244.	0.2	2
161	Nanometer scale imaging with table top extreme ultraviolet sources. , 2010, , .		1
162	Recent advancements in technology of compact laser plasma EUV sources. Proceedings of SPIE, 2010, , .	0.8	0

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163	Nanostructured polymers by a compact laser plasma EUV source. , 2010, , .		1
164	PMMA and FEP surface modifications induced with EUV pulses in two selected wavelength ranges. Applied Physics A: Materials Science and Processing, 2010, 98, 61-65.	2.3	16
165	Physical and chemical modifications of PET surface usingÂaÂlaser-plasma EUV source. Applied Physics A: Materials Science and Processing, 2010, 99, 831-836.	2.3	27
166	EUV micropatterning for biocompatibility control of PET. Applied Physics A: Materials Science and Processing, 2010, 100, 511-516.	2.3	34
167	A compact, quasi-monochromatic laser-plasma EUV source based on a double-stream gas-puff target at 13.8 nm wavelength. Applied Physics B: Lasers and Optics, 2010, 100, 461-469.	2.2	33
168	Characterization and optimization of the laser-produced plasma EUV source at 13.5 nm based on a double-stream Xe/He gas puff target. Applied Physics B: Lasers and Optics, 2010, 101, 773-789.	2.2	52
169	â€œWater windowâ€•compact, table-top laser plasma soft X-ray sources based on a gas puff target. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 1692-1700.	1.4	73
170	Sub-70 nm resolution tabletop microscopy at 138 nm using a compact laserâ€“plasma EUV source. Optics Letters, 2010, 35, 2337.	3.3	46
171	Micro- and Nanoprocessing of Polymers Using a Laser Plasma Extreme Ultraviolet Source. Acta Physica Polonica A, 2010, 117, 384-390.	0.5	13
172	Imaging and Patterning on Nanometer Scale Using Coherent EUV Light. Acta Physica Polonica A, 2010, 117, 403-407.	0.5	1
173	Ablation and surface modifications of PMMA usingÂaÂlaser-plasma EUV source. Applied Physics B: Lasers and Optics, 2009, 96, 727-730.	2.2	48
174	Surface changes of solids under intense EUV irradiation using a laser-plasma source. Proceedings of SPIE, 2009, , .	0.8	5
175	Creation of Nanostructures on Polymer Surfaces Irradiated with Extreme Ultraviolet Pulses. Acta Physica Polonica A, 2009, 116, S-108-S-110.	0.5	1
176	Detection of surface changes of materials caused by intense irradiation with laser-plasma EUV source utilizing scattered or luminescent radiation excited with the EUV pulses. Applied Physics B: Lasers and Optics, 2008, 91, 21-24.	2.2	5
177	EUV emission from solids illuminated with a laser-plasma EUV source. Applied Physics B: Lasers and Optics, 2008, 93, 737-741.	2.2	13
178	Laser plasma sources of soft x-rays and extreme ultraviolet (EUV) for technology, biomedical, and metrology applications. , 2008, , .		2
179	Applications of Laser Plasma EUV Source Based on a Gas Puff Target. AIP Conference Proceedings, 2008, , .	0.4	2
180	Design and study of efficiency of EUV condensor for illumination of large samples. Proceedings of SPIE, 2008, , .	0.8	0

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