

# Kevin B Fournier

## List of Publications by Year in descending order

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147  
papers

3,136  
citations

147801

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151  
all docs

151  
docs citations

151  
times ranked

2154  
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of high fluence laser beams using ion wave plasma optics. Applied Physics Letters, 2022, 120, 200501.	3.3	3
2	Time-resolved Measurement of Power Transfer in Plasma Amplifier Experiments on NIF. , 2021, , .		0
3	X-ray observations of Ne-like Xe and satellites from C-Mod tokamak plasmas. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 055701.	1.5	5
4	Study of pure and mixed clustered noble gas puffs irradiated with a high intensity (7 Å– 1019 W/cm <sup>2</sup> ) sub-ps laser beam and achievement of a strong X-ray flash in a laser-generated debris-free X-ray source. Laser and Particle Beams, 2019, 37, 276-287.	1.0	2
5	Image-plate sensitivity to x rays at 2 to 60 keV. Review of Scientific Instruments, 2019, 90, 013506.	1.3	12
6	Scaled experiments on cavity confined explosions in limestone and poly(methyl methacrylate). Journal of Applied Physics, 2019, 126, 125901.	2.5	1
7	A plasma amplifier to combine multiple beams at NIF. Physics of Plasmas, 2018, 25, .	1.9	17
8	The effects of microstructure on propagation of laser-driven radiative heat waves in under-dense high-Z plasma. Physics of Plasmas, 2018, 25, .	1.9	12
9	Plasma-based beam combiner for very high fluence and energy. Nature Physics, 2018, 14, 80-84.	16.7	50
10	Fiber Optic Diagnostics for Scaled Explosion Experiments. , 2018, , .		0
11	Applications and results of X-ray spectroscopy in implosion experiments on the National Ignition Facility. AIP Conference Proceedings, 2017, , .	0.4	3
12	Imaging at an x-ray absorption edge using free electron laser pulses for interface dynamics in high energy density systems. Review of Scientific Instruments, 2017, 88, 053501.	1.3	6
13	Demonstration of a long pulse X-ray source at the National Ignition Facility. Physics of Plasmas, 2017, 24, .	1.9	9
14	X-ray transport and radiation response assessment (XTRRA) experiments at the National Ignition Facility. Review of Scientific Instruments, 2016, 87, 11D421.	1.3	9
15	Fabrication, Characterization, and Modeling of Comixed Films for NXS Calibration Targets. Fusion Science and Technology, 2016, 70, 358-364.	1.1	0
16	Spatially resolved density and ionization measurements of shocked foams using x-ray fluorescence. Journal of Applied Physics, 2016, 120, 125901.	2.5	5
17	Electron temperature measurements inside the ablating plasma of gas-filled hohlraums at the National Ignition Facility. Physics of Plasmas, 2016, 23, .	1.9	34
18	Simulation study of enhancing laser driven multi-keV line-radiation through application of external magnetic fields. Physics of Plasmas, 2016, 23, 101204.	1.9	7

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19	A non-LTE analysis of high energy density Kr plasmas on Z and NIF. <i>Physics of Plasmas</i> , 2016, 23, 101208.	1.9	4
20	Scaled experiments of explosions in cavities. <i>Journal of Applied Physics</i> , 2016, 119, 184903.	2.5	3
21	High-power laser interaction with low-density Cu foams. <i>Physics of Plasmas</i> , 2015, 22, .	1.9	23
22	Bright x-ray stainless steel K-shell source development at the National Ignition Facility. <i>Physics of Plasmas</i> , 2015, 22, .	1.9	21
23	Simulation study of 5-keV x-ray conversion efficiency from Ar K-shell vs. Ag L-shell targets on the National Ignition Facility laser. <i>Physics of Plasmas</i> , 2015, 22, 053110.	1.9	15
24	The NIF x-ray spectrometer calibration campaign at Omega. <i>Review of Scientific Instruments</i> , 2014, 85, 11D613.	1.3	30
25	A geophysical shock and air blast simulator at the National Ignition Facility. <i>Review of Scientific Instruments</i> , 2014, 85, 095119.	1.3	6
26	Demonstration of x-ray fluorescence imaging of a high-energy-density plasma. <i>Review of Scientific Instruments</i> , 2014, 85, 11E602.	1.3	6
27	Development of a Big Area BackLighter for high energy density experiments. <i>Review of Scientific Instruments</i> , 2014, 85, 093501.	1.3	33
28	X-ray area backlighter development at the National Ignition Facility (invited). <i>Review of Scientific Instruments</i> , 2014, 85, 11D502.	1.3	22
29	Bright x-ray sources from laser irradiation of foams with high concentration of Ti. <i>Physics of Plasmas</i> , 2014, 21, 023102.	1.9	25
30	Hot-Spot Mix in Ignition-Scale Inertial Confinement Fusion Targets. <i>Physical Review Letters</i> , 2013, 111, 045001.	7.8	135
31	Atomic Layer Deposition-Derived Ultra-Low-Density Composite Bulk Materials with Deterministic Density and Composition. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 13129-13134.	8.0	10
32	Demonstration of a 13-keV Kr K-shell x-ray source at the National Ignition Facility. <i>Physical Review E</i> , 2013, 88, 033104.	2.1	25
33	Fabrication and Metrology Challenges in Making Thin, Hollow, Silver Spherical Halfraum Targets for EPEC Experiments on the National Ignition Facility. <i>Fusion Science and Technology</i> , 2013, 63, 242-246.	1.1	2
34	A Langmuir probe diagnostic for time-of-flight measurements of transient plasmas produced by high-energy laser ablation. <i>Review of Scientific Instruments</i> , 2012, 83, 10D725.	1.3	1
35	Integrated x-ray reflectivity measurements of elliptically curved pentaerythritol crystals. <i>Review of Scientific Instruments</i> , 2012, 83, 10E122.	1.3	17
36	Radiochromic film measurement of spatial uniformity for a laser generated x-ray environment. <i>Review of Scientific Instruments</i> , 2012, 83, 10E137.	1.3	2

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37	Efficient laser-induced 6-8 keV x-ray production from iron oxide aerogel and foil-lined cavity targets. <i>Physics of Plasmas</i> , 2012, 19, .	1.9	37
38	The x-ray source application test cassette for radiation exposures at the OMEGA laser. <i>Review of Scientific Instruments</i> , 2012, 83, 10E136.	1.3	2
39	Source geometric considerations for OMEGA Dante measurements. <i>Review of Scientific Instruments</i> , 2012, 83, 10E117.	1.3	12
40	A computational study of x-ray emission from high-Z x-ray sources on the National Ignition Facility laser. <i>High Energy Density Physics</i> , 2011, 7, 263-270.	1.5	17
41	Characterization of heat-wave propagation through laser-driven Ti-doped underdense plasma. <i>High Energy Density Physics</i> , 2010, 6, 89-94.	1.5	21
42	Multi-keV x-ray source development experiments on the National Ignition Facility. <i>Physics of Plasmas</i> , 2010, 17, .	1.9	48
43	Nuclear weapons effects testing of solar cells using the National Ignition Facility (NIF). , 2010, , .		2
44	A computational study of x-ray emission from laser-irradiated Ge-doped foams. <i>Physics of Plasmas</i> , 2010, 17, 073111.	1.9	28
45	A test cassette for x-ray-exposure experiments at the National Ignition Facility. <i>Review of Scientific Instruments</i> , 2010, 81, 075113.	1.3	16
46	Titanium and germanium lined hohlraums and halfraums as multi-keV x-ray radiators. <i>Physics of Plasmas</i> , 2009, 16, .	1.9	35
47	Absolute x-ray yields from laser-irradiated germanium-doped low-density aerogels. <i>Physics of Plasmas</i> , 2009, 16, .	1.9	59
48	Titanium dioxide nanofiber-cotton targets for efficient multi-keV x-ray generation. <i>Applied Physics Letters</i> , 2008, 93, .	3.3	32
49	Efficient multi-keV X-ray sources from laser-exploded metallic thin foils. <i>Physics of Plasmas</i> , 2008, 15, .	1.9	66
50	Absorption of Short Laser Pulses on Solid Targets in the Ultrarelativistic Regime. <i>Physical Review Letters</i> , 2008, 100, 085004.	7.8	172
51	An overview of EBIT data needed for experiments on laser-produced plasmas. <i>Canadian Journal of Physics</i> , 2008, 86, 259-266.	1.1	13
52	Measuring the ionization balance of gold in a low-density plasma of importance to inertial confinement fusion. <i>Canadian Journal of Physics</i> , 2008, 86, 251-258.	1.1	10
53	X-Ray Scattering Measurements of Radiative Heating and Cooling Dynamics. <i>Physical Review Letters</i> , 2008, 101, 045003.	7.8	61
54	Supersonic heat wave propagation in laser-produced underdense plasma for efficient x-ray generation. <i>Journal of Physics: Conference Series</i> , 2008, 112, 022076.	0.4	5

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55	Updating of ionization data for ionization balance evaluations of atoms and ions for the elements hydrogen to germanium. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2007, 40, 3569-3599.	1.5	30
56	Fast-electron-relaxation measurement for laser-solid interaction at relativistic laser intensities. <i>Physical Review E</i> , 2007, 76, 056402.	2.1	33
57	Core Atomic Physics Studies in Alcator C-Mod. <i>Fusion Science and Technology</i> , 2007, 51, 451-459.	1.1	5
58	Benchmark Measurements of the Ionization Balance of Non-Local-Thermodynamic-Equilibrium Gold Plasmas. <i>Physical Review Letters</i> , 2007, 99, 195001.	7.8	56
59	Spectral Line Shapes as a Diagnostic Tool in Magnetic Fusion. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	0
60	Updating of atomic data needed for ionization balance evaluations of krypton and molybdenum. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2006, 39, 4457-4489.	1.5	16
61	Absolute X-ray yields from laser-irradiated, Ge-doped aerogel targets. <i>European Physical Journal Special Topics</i> , 2006, 133, 449-451.	0.2	3
62	Absolute x-ray yields from laser-irradiated Ge-doped aerogel targets. , 2005, , .		3
63	Resolution of the long-standing overprediction of the resonance to intercombination line-intensity ratio in mid-Z neonlike ions. <i>Physical Review A</i> , 2005, 71, .	2.5	16
64	Fe L-Shell Density Diagnostics in Theory and Practice. , 2005, , .		6
65	Analysis of radially resolved spectra and potential for lasing in Mo wire array Z pinches. <i>Physics of Plasmas</i> , 2005, 12, 094502.	1.9	8
66	Axial and temporal gradients in Mo wire array Z pinches. <i>Physics of Plasmas</i> , 2005, 12, 032701.	1.9	17
67	Measurement of $2l\pi$ x-ray transitions from $^{136}\text{Kr}$ clusters irradiated by high-intensity femtosecond laser pulses. <i>Physical Review E</i> , 2005, 71, 016408.	2.1	16
68	Supersonic propagation of ionization waves in an underdense, laser-produced plasma. <i>Physics of Plasmas</i> , 2005, 12, 063104.	1.9	28
69	Temperature determination using K $\alpha$ spectra from M-shell Ti ions. <i>Physical Review E</i> , 2005, 72, 036408.	2.1	70
70	Soft-X-ray spectra of highly charged Os, Bi, Th, and U ions in an electron beam ion trap. <i>Canadian Journal of Physics</i> , 2005, 83, 829-840.	1.1	24
71	The Fe XXII I(11.92 Å...)/I(11.77 Å...) Density Diagnostic. <i>International Astronomical Union Colloquium</i> , 2004, 190, 124-127.	0.1	2
72	Experiments on the Scaling of Ionization Balance vs. Electron and Radiation Temperature in Non-LTE Gold Plasmas. <i>AIP Conference Proceedings</i> , 2004, , .	0.4	2

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73	Efficient multi-keV x-ray sources from Ti-doped aerogel targets. AIP Conference Proceedings, 2004, , .	0.4	5
74	Efficient Multi-keV X-Ray Sources from Ti-Doped Aerogel Targets. Physical Review Letters, 2004, 92, 165005.	7.8	83
75	Charge-State Distribution and Doppler Effect in an Expanding Photoionized Plasma. Physical Review Letters, 2004, 93, 055002.	7.8	84
76	Analysis of high-ndielectronic Rydberg satellites in the spectra ofNa-likeZnXX andMg-likeZnXIX. Physical Review E, 2004, 70, 016406.	2.1	11
77	Model for computing superconfiguration temperatures in nonlocal-thermodynamic-equilibrium hot plasmas. Physical Review E, 2004, 69, 026403.	2.1	31
78	Effects of plasma composition on backscatter, hot electron production, and propagation in underdense plasmas. Physics of Plasmas, 2004, 11, 2709-2715.	1.9	23
79	Efficient multi-keV x-ray sources from Ti-doped aerogel targets. , 2004, , .		8
80	Experimental and simulated M-shell nickel spectra in the 14.4â€“18.0 nm region from magnetic fusion devices. Journal of Physics B: Atomic, Molecular and Optical Physics, 2004, 37, 13-40.	1.5	15
81	X-ray spectroscopy with elliptical crystals and face-on framing cameras. Review of Scientific Instruments, 2004, 75, 3762-3764.	1.3	17
82	Multi-keV x-ray conversion from prepulsed foil experiments. , 2004, , .		13
83	Optical pumping experiments on next-generation light sources. , 2004, , .		0
84	Determination of the Charge State Distribution of a Highly Ionized Coronal Au Plasma. Physical Review Letters, 2003, 90, 235001.	7.8	56
85	Integrated impurity diagnostic package for magnetic fusion experiments. Review of Scientific Instruments, 2003, 74, 1982-1987.	1.3	20
86	X-ray spectral measurements and collisional radiative modeling of Ni- to Kr-like Au ions in electron beam ion trap plasmas. Physical Review E, 2003, 68, 036402.	2.1	33
87	Advanced spectroscopic analysis of 0.8â€“1.0-MA Moxpinches and the influence of plasma electron beams onL-shell spectra of Mo ions. Physical Review E, 2003, 67, 026409.	2.1	37
88	Influence of optical thickness and hot electrons on Rydberg spectra of Ne-like and F-like copper ions. Physical Review E, 2003, 67, 016402.	2.1	21
89	Numerical studies of transient and capillary x-ray lasers and their applications. , 2003, 5197, 221.		23
90	Identification and precise measurements of the wavelengths of high-ntransitions in N-, O-, and F-like Zn ions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2003, 36, 3787-3796.	1.5	14

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91	The Fe xxii I (11.92 )/ I (11.77 ) Density Diagnostic Applied to the Chandra High Energy Transmission Grating Spectrum of EX Hydrae. Astrophysical Journal, 2003, 588, L101-L104.	4.5	27
92	Applications of advanced theoretical x-rayL-shell spectroscopy to various plasma and collision experiments. Review of Scientific Instruments, 2003, 74, 1943-1946.	1.3	6
93	X-ray spectromicroscopy of clusters heated by fs laser radiation. AIP Conference Proceedings, 2003, , .	0.4	2
94	Soft-x-ray spectra of highly charged Kr ions in an electron beam ion trap. Physical Review E, 2002, 65, 056401.	2.1	12
95	Spectroscopy of heliumlike argon resonance and satellite lines for plasma temperature diagnostics. Physical Review E, 2002, 66, 066404.	2.1	32
96	Time-resolved plasma spectroscopy of thin foils heated by a relativistic-intensity short-pulse laser. Physical Review E, 2002, 66, 066412.	2.1	15
97	Heating of Thin Foils with a Relativistic-Intensity Short-Pulse Laser. Physical Review Letters, 2002, 89, 265001.	7.8	57
98	Observations of high-n transitions in the spectra of near-neon-like copper ions from laser-produced plasmas. Journal of Physics B: Atomic, Molecular and Optical Physics, 2002, 35, 3347-3364.	1.5	12
99	Experimental and simulated VUV spectra from the JET tokamak and the reversed field pinch RFX. Plasma Physics and Controlled Fusion, 2002, 44, 33-50.	2.1	14
100	Spectroscopic Analysis of 1MA X-pinch Implosions at the Nevada Terawatt Facility. AIP Conference Proceedings, 2002, , .	0.4	0
101	Hot-electron influence onL-shell spectra of multicharged Kr ions generated in clusters irradiated by femtosecond laser pulses. Physical Review E, 2002, 66, 046412.	2.1	28
102	Modeling of Capillary Discharge Plasma for X-ray lasers, XUV Lithography and other Applications. AIP Conference Proceedings, 2002, , .	0.4	2
103	The Production of Exotic Satellite Structures in Short Pulse Laser Heated Foils. AIP Conference Proceedings, 2002, , .	0.4	0
104	Steady state advanced scenarios at ASDEX Upgrade. Plasma Physics and Controlled Fusion, 2002, 44, B69-B83.	2.1	108
105	Electronâ€Densityâ€dependent Extremeâ€Ultraviolet Intensity Ratios from Lâ€Shell Iron Ions in the Frascati Tokamak Upgrade. Astrophysical Journal, 2001, 561, 1144-1153.	4.5	10
106	<title>Transient and capillary collisional x-ray lasers</title>. , 2001, , .		0
107	Soft-X-ray spectra of highly charged Au ions in an electron-beam ion trap. Canadian Journal of Physics, 2001, 79, 153-162.	1.1	29
108	Experimental and simulated argon spectra in the 2.3-3.4 nm region from tokamak plasmas. Journal of Physics B: Atomic, Molecular and Optical Physics, 2001, 34, 127-142.	1.5	16

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109	Observations of the vacuum ultraviolet and x-ray brightness profiles of Fe, Ni, and Ge in magnetically confined fusion plasmas. <i>Physical Review E</i> , 2001, 64, 036406.	2.1	10
110	Ionization Balance in Inertial Confinement Fusion Hohlraums. <i>Physical Review Letters</i> , 2001, 87, 045002.	7.8	55
111	Measurement of M-Shell Iron Ionization Balance in a Tokamak Plasma. <i>Astrophysical Journal</i> , 2001, 550, L117-L120.	4.5	8
112	First Application of the Fe xviii(17.10 Å)/I(17.05 Å) Line Ratio to Constrain the Plasma Density of a Cosmic X-ray Source. <i>Astrophysical Journal</i> , 2001, 560, 992-996.	4.5	47
113	Spectral and imaging characterization of tabletop X-ray lasers. <i>European Physical Journal Special Topics</i> , 2001, 11, Pr2-51-Pr2-54.	0.2	0
114	Using high resolution x-ray spectroscopy of laser and EBIT plasma sources to test atomic models. <i>AIP Conference Proceedings</i> , 2000, , .	0.4	3
115	X-ray observations of 2l-nl' transitions and configuration-interaction effects from Kr, Mo, Nb and Zr in near neon-like charge states from tokamak plasmas. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2000, 33, 5435-5462.	1.5	44
116	Evidence for a temperature law in non-LTE hot plasmas. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2000, 33, 4891-4904.	1.5	19
117	Measurement of Population Inversion for FUV Transitions in Kr-like Y IV in a High-Current Reflex Discharge. <i>Physica Scripta</i> , 2000, 62, 301-306.	2.5	1
118	Ionization Processes and Charge-State Distribution in a Highly Ionized High-Z Laser-Produced Plasma. <i>Physical Review Letters</i> , 2000, 85, 992-995.	7.8	102
119	Accuracy of K-shell spectra modeling in high-density plasmas. <i>Physical Review E</i> , 2000, 62, 2728-2738.	2.1	34
120	Observations of the ultraviolet and x-ray brightness profiles and cooling rates of Kr and Ar in magnetically confined fusion plasmas. <i>Physical Review E</i> , 2000, 61, 3042-3052.	2.1	9
121	Temperature and impurity transport studies of heated tokamak plasmas by means of a collisional-radiative model of x-ray emission from Mo <sup>30+</sup> to Mo <sup>39+</sup> . <i>Physical Review E</i> , 2000, 61, 5701-5709.	2.1	14
122	Laboratory observation and modeling of extreme ultraviolet spectra of highly ionized calcium. <i>Astronomy and Astrophysics</i> , 2000, 142, 95-106.	2.1	7
123	The Rydberg series of helium-like Cl, Ar and S and their high-n satellites in tokamak plasmas. <i>New Journal of Physics</i> , 1999, 1, 19-19.	2.9	18
124	Tabletop transient collisional excitation x-ray lasers. , 1999, 3776, 2.		6
125	Population Inversion and Gain Calculations for 4p <sup>5</sup> 4d <sup>4</sup> ←4p <sup>5</sup> 5p and 4p <sup>5</sup> 5s <sup>4</sup> ←4p <sup>5</sup> 5p Kr-like transitions in Y IV, Zr V, Nb VI and Mo VII. <i>Physica Scripta</i> , 1999, 60, 236-241.	2.5	2
126	Intrinsic molybdenum impurity density and radiative power losses with their scalings in ohmically and ICRF heated Alcator C-Mod and FTU tokamak plasmas. <i>Plasma Physics and Controlled Fusion</i> , 1999, 41, 45-63.	2.1	20



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127	Electron cyclotron emission diagnostic of high temperature electron cyclotron resonance heated plasmas on Frascati tokamak upgrade. Review of Scientific Instruments, 1999, 70, 1007-1010.	1.3	3
128	Experimental and simulated neon spectra in the 10-nm wavelength region from tokamak and reversed field pinch plasmas. Physical Review E, 1999, 60, 4760-4769.	2.1	10
129	Characterization of a high-gain Ne-like Fe transient x-ray laser. , 1999, , .		0
130	Estimates of population inversion for deep-UV transitions in Kr-like Y, Zr, Nb, and Mo in a high-current reflex discharge. , 1999, , .		1
131	Excitation autoionization rates from ground and excited levels in Li-likeAr15+to S-likeAr2+. Physical Review A, 1998, 57, 2651-2671.	2.5	4
132	Direct measurement of the impurity radial flux in the FTU plasma core. Plasma Physics and Controlled Fusion, 1997, 39, 1501-1508.	2.1	1
133	Observations of x-ray spectra from highly charged tungsten ions in tokamak plasmas. Journal of Physics B: Atomic, Molecular and Optical Physics, 1997, 30, 5057-5067.	1.5	62
134	How to beat the low resolution of multilayer mirror spectra (invited). Review of Scientific Instruments, 1997, 68, 1002-1008.	1.3	6
135	Dielectronic recombination rates in H-likeAr17+to Ne-likeAr8+. Physical Review A, 1997, 56, 4715-4732.	2.5	13
136	Dielectronic recombination and excitation autoionization rate coefficients for potassiumlikeMo23+to fluorinelikeMo33+. Physical Review A, 1996, 54, 3870-3884.	2.5	22
137	Electron temperature and density dependence ofE1 andE2 lines in the spectra of cobaltlike to potassiumlike ions. Physical Review A, 1996, 53, 709-716.	2.5	9
138	Resonant excitation channels in the 3d10-3d94sand 3d10-3d94ptransitions of nickel-likeMo14+andZr12+. Physical Review A, 1996, 53, 3110-3116.	2.5	8
139	Collisional-radiative modeling of theL-shell emission ofMo30+toMo33+emitted from a high-temperatureâ€“low-density tokamak plasma. Physical Review E, 1996, 53, 1084-1093.	2.1	14
140	X-ray observations of 2l-nlâ€“2 transitions from Zr, Nb, Mo, and Pd in near-neonlike charge states. Physical Review A, 1996, 53, 3953-3962.	2.5	20
141	X-ray and VUV observations of brightness profiles from Alcator C-Mod plasmas. Journal of Physics B: Atomic, Molecular and Optical Physics, 1996, 29, 2191-2208.	1.5	52
142	Observation of O v visible transitions in a tokamak divertor plasma. Physical Review E, 1995, 51, 5139-5142.	2.1	4
143	A laserâ€“induced fluorescence diagnostic for divertors. Review of Scientific Instruments, 1995, 66, 600-602.	1.3	6
144	X-ray observations of 2l-nlâ€“TM transitions inMo30+â€“Mo33+from tokamak plasmas. Physical Review A, 1995, 51, 3551-3559.	2.5	31

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145	n=5 ton=5 soft-x-ray emission of uranium in a high-temperature low-density tokamak plasma. Physical Review A, 1994, 50, 3727-3733.	2.5	9
146	Soft x-ray emission of galliumlike rare-earth atoms produced by high-temperature low-density tokamak and high-density laser plasmas. Physical Review A, 1994, 50, 2248-2256.	2.5	19
147	The abundance of ammonia in Comet P/Halley derived from ultraviolet spectrophotometry of NH by ASTRON and IUE. Astrophysical Journal, 1993, 404, 348.	4.5	39