

Fernande Vedel

List of Publications by Year in descending order

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14
papers

390
citations

840776

11
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

184
citing authors

#	ARTICLE	IF	CITATIONS
1	Resonance excitation of ions stored in a quadrupole ion trap. Part I. A simulation study. International Journal of Mass Spectrometry and Ion Processes, 1989, 95, 119-156.	1.8	86
2	Resonance excitation of ions stored in a quadrupole ion trap Part II. Further simulation studies. International Journal of Mass Spectrometry and Ion Processes, 1990, 99, 109-124.	1.8	54
3	New Schemes for resonant ejection in r.f. quadrupolar ion traps. International Journal of Mass Spectrometry and Ion Processes, 1990, 99, 125-138.	1.8	44
4	On the dynamics and energy of ion clouds stored in an R.F. quadrupole trap. International Journal of Mass Spectrometry and Ion Processes, 1991, 106, 33-61.	1.8	41
5	Nonlinear effects in the detection of stored ions. Physical Review A, 1990, 41, 2348-2351.	2.5	38
6	Resonance excitation of ions stored in a quadrupole ion trap Part III. Introduction to the field interpolation simulation method. International Journal of Mass Spectrometry and Ion Processes, 1991, 110, 159-178.	1.8	32
7	Collisional quenching and j-mixing rate constants for the 3D levels of Ca ⁺ . Physical Review A, 1998, 58, 264-269.	2.5	20
8	High power broad-area diode laser at 794 nm injected by an external cavity laser. Optics Communications, 2000, 174, 223-229.	2.1	20
9	A sensitive method for the detection of stored ions by resonant ejection using a wide-band signal. International Journal of Mass Spectrometry and Ion Processes, 1991, 108, R11-R20.	1.8	19
10	A time-of-flight method for studying the properties of an ion cloud stored in an rf trap. International Journal of Mass Spectrometry and Ion Processes, 1987, 77, 1-12.	1.8	16
11	Investigations on the Kinetic Energy of Trapped Ions by Consideration of Ion/Molecule Collisions. Journal of Modern Optics, 1992, 39, 431-443.	1.3	11
12	Linewidth reduction by 6 orders of magnitude of a broad-area 729-nm diode laser. Applied Optics, 2003, 42, 4871.	2.1	9
13	Ion Trap. , 2009, , 327-363.		0
14	Stored Ion Manipulation Dynamics of Ion Cloud and Quantum Jumps with Single Ions. , 2000, , 107-124.		0