Toshiki Tajima

List of Publications

(Google Scholar Citations are shown starting with Gxxx at the end of the publications that were counted based on 4/21/13 search with the key words of 'plasma physics', 'accelerators', and 'lasers'. The total number of citations: 13577; h-index: 55; i10-index 182. For those papers that missed with these key words, shown are by a diferent Google Scholar search on 5/16/11 with #yyy. Google Scholar (as of 1/11/2015: citations all papers: 17,479, since 2010: 6,085; H-index all papers: 63, since 2010: 34; i10-index all papers: 218, since 2010: 105)

BOOKS (and dedidated journal volume)

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2. Tajima, T., Computational Plasma Physics—with Applications to Fusion and Astrophysics, Addison-Wesley (Benjamin Frontier Series, Reading, MA, 1989). Reprinted (Perseus, Boulder, 2004). G232

3. Ichikawa, Y.H. and Tajima, T., eds., Nonlinear Dynamics and Particle Acceleration, (American Institute of Physics, New York, 1991).

4. Tajima, T. and Okamoto, M., eds., Physics of High Energy Particles in Toroidal Systems (American Institute of Physics, New York, 1994).

5. Tajima, T. ed., The Future of Accelerator Physics: The Tamura Symposium Proceedings, (American Institute of Physics, New York, 1996).

6. Tajima, T. and Shibata, K., Plasma Astrophysics, (Addison-Wesley, Reading,MA, 1997). Reprinted (Perseus, Boulder, CO, 2002). G161

7. Tajima, T., Mima, K., Baldis, H., eds., High Field Science (Kluwer Academic/Plenum, New York , 2000).

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9. Leboeuf, J.N., Tajima, T., Kennel, C.F., and Dawson, J.M., *Global Simulation of the Time-dependent Magnetosphere*, Geophys. Res. Lett. **5**, 609 (1978). G100

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11. Mima, K., Tajima, T., and Leboeuf, J.N., *Magnetic Field Generation by the Rayleigh-Taylor Instability*, Phys. Rev. Lett. **41**, 1715 (1978). G39

12. Leboeuf, J.N., Tajima, T., and Dawson, J.M., *A Magnetohydrodynamic Particle Code for Fluid Simulation of Plasmas*, J. Comput. Phys. **31**, 379 (1979). G64

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