

PUBLICATIONS – ROBERT W. CONN

PUBLISHED WORK

I. Book Chapters, Editorships and Public Policy Articles

1. Conn, R.W. “Controlled Fusion and Reactors of the Tokamak Type,” in Advances in Nuclear Science and Technology, Plenum Publishing Co., New York, Vol. 10, pp. 405-586, 1976. Book Chapter
2. Conn, R.W., ed. Special Issue on Fusion Reactor Engineering and Design, Nuclear Engineering and Design, 1:1-240, 1976. Issue Editor
3. Conn, R.W. “Magnetic Fusion Reactors,” Fusion, E.Teller, ed., Academic Press, New York, Vol.1(B), pp.193-410, 1981. Book Chapter
4. Conn, R.W. “The Engineering of Magnetic Fusion Reactors,” Scientific American, Vol. 249, No. 9, pp. 60-71, Oct. 1983. Invited
5. Conn, R.W., Principal Editor: Fusion Engineering and Design (formerly Nuclear Engineering and Design/Fusion), A Quarterly Research Journal, 1985-present. Editorship
6. Kulcinski, G.L., Conn, R.W., Cameron, N., Sviatoslavsky, I., “Fusion Power: One Answer to U.S. Energy Needs in the 21st Century,” in Energy: For Ourselves and Posterity, Prentice-Hall (New York), pp. 280-333, 1985. Book Chapter
7. Conn, R.W. “An East-West Hunt for Fusion Energy,” L.A. Times, Aug. 18, 1986. Op-Ed piece
8. Conn, R.W. “A Star is Waiting to be Born,” L.A. Times, Feb. 6, 1988. Op-Ed piece
9. Conn, R.W. “Nuclear Fusion,” in “ATOMS,” The New Encyclopedia Britannica, Vol. 14, pp. 375-380, Chicago, 1990. Book Chapter
10. Conn, R.W., Chuyanov, V.A., Inoue, N., Sweetman, D.R. “The International Thermonuclear Experimental Reactor,” Scientific American, Vol. 266, No. 4, A. 102-108, April 1992. Invited
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II. Journal Articles, Reviewed Conference and Symposium Papers

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4. Conn, R.W. "Approximate Dispersion Relations and the Total Coherent Inelastic Neutron Scattering Cross Section for Graphite," Nucl. Sci. Eng., 40:17-24, 1970. Journal Article
5. Conn, R.W. and Papay, L. "Waste Heat and Fog Control," Nucl. Technol., 12:269-275, 1971. Journal Article
6. Conn, R.W. "Quantum Theory of Inelastic Atom-Surface Scattering," Phys. Rev. A, 6:439-951, 1972. Journal Article
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