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ELEDIA PUBLICATIONS ON WIRELESS POWER TRANSMISSION

JOURNAL PAPERS

- [R1] G. Oliveri, L. Poli, and A. Massa, "Maximum efficiency synthesis of planar arrays for wireless power transmission," *IEEE Transactions on Antennas and Propagation*, vol. 61, no. 5, pp. 2490-2499, May 2013.
- [R2] A. Massa, G. Oliveri, F. Viani, and P. Rocca, "Array designs for long-distance wireless power transmission - State-of-the-art and innovative solutions," *Proceedings of the IEEE – Special Issue on 'Wireless Power Technology, Transmission and Applications,' Invited Review Paper*, vol. 101, no. 6, pp. 1464-1481, June 2013.

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- [C1] P. Rocca, G. Oliveri, and A. Massa, "Synthesis of sub-arrayed antennas for wireless power transmission," *EuCAP 2011, Rome, Italy*, pp. 1061-1064, April 11-15, 2011.
- [C2] P. Rocca, G. Oliveri, and A. Massa, "Innovative array designs for wireless power transmission," *IEEE MTT-S International Microwave Workshop Series on "Innovative Wireless Power Transmission: Technologies, Systems, and Applications (IMWS-IWPT2011), Uji (Kyoto), Japan*, pp. 279-282, May 12-13, 2011 (*Invited paper*).
- [C3] G. Franceschetti, A. Massa, and P. Rocca, "Innovative antenna systems for efficient microwave power collection," *IEEE MTT-S International Microwave Workshop Series on "Innovative Wireless Power Transmission: Technologies, Systems, and Applications (IMWS-IWPT2011), Uji (Kyoto), Japan*, pp. pp. 275-278, May 12-13, 2011 (*Invited paper*).
- [C4] G. Oliveri, P. Rocca, and A. Massa, "Array antenna architectures for solar power satellites and wireless power transmission," *XXX URSI General Assembly and Scientific Symposium of International Union of Radio Science (URSI GASS 2011) (978-1-4244-5118-0/11/\$26.00©2011 IEEE), Istanbul, Turkey, August 13-20, 2011 (Invited paper; Session title: "Solar power satellites and wireless power transmission" – N. Shinoara, K. Hashimoto, K. Schegel)*.
- [C5] G. Oliveri, P. Rocca, F. Viani, F. Robol, and A. Massa, "Latest advances and innovative solutions in antenna array synthesis for microwave wireless power transmission," *IEEE MTT-S International Microwave Workshop Series on "Innovative Wireless Power Transmission: Technologies, Systems, and Applications" (IMWS-IWPT2012) (no. 978-1-4673-1780-1/12/\$31.00©2012 IEEE), Kyoto, Japan*, pp. 71-73, May 10-11, 2012.
- [C6] G. Franceschetti, P. Rocca, F. Robol, and A. Massa, "Innovative rectenna design for space solar power systems," *IEEE MTT-S International Microwave Workshop Series on "Innovative Wireless Power Transmission: Technologies, Systems, and Applications" (IMWS-IWPT2012) (no. 978-1-4673-1780-1/12/\$31.00©2012 IEEE), Kyoto, Japan*, pp. 71-73, May 10-11, 2012.

Applications” (IMWS-IWPT2012) (no. 978-1-4673-1780-1/12/\$31.00©2012 IEEE), Kyoto, Japan, pp. 151-153, May 10-11, 2012.

[C7] G. Franceschetti, G. Oliveri, P. Rocca, and A. Massa, “Advances on remote wireless power transmission at the ELEDIA research center,” IEEE MTT-S International Microwave Workshop Series on “Innovative Wireless Power Transmission: Technologies, Systems, and Applications” (IMWS-IWPT2013) (978-1-4673-5010-5/13/\$31.00 ©2013 IEEE), Perugia, Italy, pp. 191-194, May 15-16, 2013.

[C8] P. Rocca, G. Oliveri, and A. Massa, “Array synthesis for optimal wireless power systems,” Proc. 2014 IEEE AP-S International Symposium and USNC-URSI Radio Science Meeting (978-1-4799-3540-6/14/\$31.00 ©2014 IEEE), Memphis, Tennessee, USA, pp. 1407-1408, July 6-12, 2014 (*Invited paper*; Session title: “Wireless power transfer systems” – M. F. Imani and A. Grbic).