



- Bach, U., D. Lupo, P. Comte, J. E Moser, F. Weissörtel, J. Salbeck, H. Spreitzer, M. Grätzel, Solid-state dye-sensitized mesoporous TiO_2 solar cells with high photon-to-electron conversion efficiencies, *Nature*, 395, (1998), 583-585.
- Crabtree, G. W., M. S. Dresselhaus, and M.V. Buchanan, The hydrogen economy, *Physics Today*, Dec. (2004), 40-44.
- Cullity, B.D., *Elements of X-ray diffraction*, 2nd ed., Addison-Wesley, California, USA, 1978, p. 102.
- Fiona M. Gray, *Polymer Electrolytes*, The Royal Society of Chemistry, 1997.
- Grätzel, M., Solar energy conversion by dye-sensitized photovoltaic cells, *Inorg. Chem.*, 44 (20) (2005), 6841 -6851,
- Hara, K. and H. Arakawa, Dye-sensitized solar cells, In: A. Luque and S. Hegedus, Editors, *Handbook of Photovoltaic Science and Engineering*, John Wiley & Sons, Ltd., (2003), 663-700.
- Ito S., Takuro N. Murakami, Pascal Comte, Paul Liska, Carole Grätzel, Mohammad K. Nazeeruddin, Michael Grätzel, Fabrication of thin film dye sensitized solar cells with solar to electric power conversion efficiency over 10 %, *Thin Solid Films* 516 (2008) 4613–4619.
- Lan, Z., Jihuai Wu, Dongbo Wang, Sancun Hao, Jianming Lin and Yunfang Huang, Quasi-solid-state dye-sensitized solar cells based on a sol–gel organic–inorganic composite electrolyte containing an organic iodide salt, 81(1), (2007), 117-122.
- Lan, Z., Jihuai Wu, Dongbo Wang, Sancun Hao, Jianming Lin, Yunfang Huang, Quasi-solid state dye-sensitized solar cells based on gel polymer electrolyte with poly (acrylonitrile-co-styrene) / $\text{NaI}+\text{I}_2$, *Solar energy*, 80(11) (2006) 1483-1488.
- Li, B., Liduo Wang, Bonan Kang, Peng Wang and Yong Qiu, Review of recent progress in solid-state dye-sensitized solar cells, *Solar Energy Materials & Solar Cells* 90 (2006) 549–573.
- McConnell, R.D., Assessment of the dye-sensitized solar cell, *Renewable & Sustainable Energy Reviews*, 6 (2002), 273-295.
- Nelson, J., *The Physics of Solar Cells*, Imperial College Press, 2003.

- Park, J. H., Kyu Jin Choi, Sang Wook Kang, Yong Soo Kang, Junkyung Kim, Sang-Soo Lee, Solid-state oligomer electrolyte with amine–acid interaction for dye-sensitized solar cells, *Journal of Power Sources* 183 (2008) 812–816.
- Radziemska, E., The effect of temperature on the power drop in crystalline silicon solar cells, *Renewable Energy* 28 (2003) 1–12.
- Smalley, Richard E., Future Global Energy Prosperity: The Terawatt Challenge, *MRS BULLETIN* 30, June 2005, 412-417.
- Stone, J.L., Photovoltaics: Unlimited electrical from the sun, *Physics Today*, Sept. (1993), 22-29.
- Tennakone, K., Jayasundara Bandara, Priyangi Konara Mudiyansele Bandara, Gamaralalage Rajanya Asoka Kumara and Akinori Konno, Enhanced Efficiency of a Dye-Sensitized Solar Cell Made from MgO-Coated Nanocrystalline SnO₂, *Jpn. J. Appl. Phys.* Vol. 40 (2001) L732-L734.
- Wang M., Yuan Lin, Xiaowen Zhou, Xurui Xiao, Lei Yang, Shujing Feng and Xueping Li, Solidification of liquid electrolyte with imidazole polymers for quasi-solid-state dye-sensitized solar cells, 107(1) (2008) 61-66.
- Yamaguchi, M., Present status and prospects of photovoltaic technologies in Japan, *Renewable and Sustainable Energy Reviews*, 5 (2001) 113–135.