









- thermosyphons: A review. *J Mol Liq* 272: 395-402. <https://doi.org/10.1016/j.molliq.2018.09.101>
- [6] Alhuyi Nazari M, Ahmadi MH, Ghasempour R, Shafii MB, Mahian O, Kalogirou S, Wongwises S. (2018). A review on pulsating heat pipes: From solar to cryogenic applications. *Appl Energy* 222: 475-484. <https://doi.org/10.1016/j.apenergy.2018.04.020>
- [7] Ahmadi MH, Alhuyi Nazari M, Ghasempour R, Pourfayaz F, Rahimzadeh M, Ming T. (2018). A review on solar-assisted gas turbines. *Energy Sci Eng.* <https://doi.org/10.1002/ese3.238>
- [8] Dehghani Madvar M, Alhuyi Nazari M, Tabe Arjmand J, Aslani A, Ghasempour R, Ahmadi MH. Analysis of stakeholder roles and the challenges of solar energy utilization in Iran. *Int J Low-Carbon Technol* 13: 438-51. <https://doi.org/10.1093/ijlct/cty044>
- [9] Ahmadi MH, Ghazvini M, Sadeghzadeh M, Alhuyi Nazari M, Kumar R, Naeimi A, Ming T. (2018). Solar power technology for electricity generation: A critical review. *Energy Sci Eng* 6: 340-61. <https://doi.org/10.1002/ese3.239>
- [10] Tan FL. (2008). Constrained and unconstrained melting inside a sphere. *Int Commun Heat Mass Transf* 35: 466-75. <https://doi.org/10.1016/J.ICHEATMASSTRANSFER.2007.09.008>
- [11] Ghorashi AH, Rahimi A. (2011). Renewable and non-renewable energy status in Iran: Art of know-how and technology-gaps. *Renew Sustain Energy Rev* 15: 729-36. <https://doi.org/10.1016/J.RSER.2010.09.037>
- [12] Nguyen TA, Aiello M. (2013). Energy intelligent buildings based on user activity: A survey. *Energy Build* 56: 244-57. <https://doi.org/10.1016/J.ENBUILD.2012.09.005>
- [13] Turner C, Frankel M. (2008). Energy Performance of LEED ® for New Construction Buildings.
- [14] Wang L, Wang Z, Yang R. (2012). Intelligent multiagent control system for energy and comfort management in smart and sustainable buildings. *IEEE Trans Smart Grid* 3: 605-17. <https://doi.org/10.1109/TSG.2011.2178044>
- [15] Escrivá-Escrivá G, Segura-Heras I, Alcázar-Ortega M. (2010). Application of an energy management and control system to assess the potential of different control strategies in HVAC systems. *Energy Build* 42: 2258-67. <https://doi.org/10.1016/J.ENBUILD.2010.07.023>
- [16] Kolokotsa D, Diakaki C, Grigoroudis E, Stavrakakis G, Kalaitzakis K. (2009). Decision support methodologies on the energy efficiency and energy management in buildings. *Adv Build Energy Res* 3: 121-46. <https://doi.org/10.3763/aber.2009.0305>
- [17] Sharma A, Tyagi VV, Chen CR, Buddhi D. (2009). Review on thermal energy storage with phase change materials and applications. *Renew Sustain Energy Rev* 13: 318-45. <https://doi.org/10.1016/J.RSER.2007.10.005>
- [18] Agyenim F, Hewitt N, Eames P, Smyth M. (2010). A review of materials, heat transfer and phase change problem formulation for latent heat thermal energy storage systems (LHTESS). *Renew Sustain Energy Rev* 14: 615-28. <https://doi.org/10.1016/J.RSER.2009.10.015>
- [19] Ga L. (1983). Solar heat storage: latent heat materials. *J. Sol. Energy Eng.* 105(4): 467. <https://doi.org/10.1115/1.3266412>
- [20] Lane GA. (1987). Phase change thermal storage materials. the Handbook of Applied Thermal Design. McGraw-Hill.
- [21] Košny J. (2015). PCM-enhanced building components: an application of phase change materials in building envelopes and internal structures. Springer.
- [22] Tyagi VV, Buddhi D. (2007). PCM thermal storage in buildings: A state of art. *Renew Sustain Energy Rev* 11: 1146-66. <https://doi.org/10.1016/J.RSER.2005.10.002>
- [23] Pedersen CO. (2007). Advanced zone simulation in EnergyPlus: incorporation of variable properties and phase change material (PCM) capability. *Build Simul* 1341-5.
- [24] Kenisarin M, Mahkamov K. (2007). Solar energy storage using phase change materials. *Renew Sustain Energy Rev* 11: 1913-65. <https://doi.org/10.1016/J.RSER.2006.05.005>
- [25] <https://profs.basu.ac.ir/n.d>