[42] Salam MA, Khan SA. (2018). Transition towards sustainable energy production – A review of the progress for solar energy in saudi arabia. Energy Explor Exploit 36: 3–27. https://doi.org/10.1177/0144598717737442
[43] Romero-Ternero V, García-Rodríguez L, Gómez-Camacho C. (2005). Thermoeconomic analysis of a seawater reverse osmosis plant. Desalination 181: 43–59. https://doi.org/10.1016/J.DESAL.2005.02.012
[44] Kabeel AE, El-Said EMS. (2013). A hybrid solar desalination system of air humidification–dehumidification and water flashing evaporation: Part I. A numerical investigation. Desalination 320: 56–72. https://doi.org/10.1016/J.DESAL.2013.04.016
[45] Behnam P, Shafii MB. (2016). Examination of a solar desalination system equipped with an air bubble column humidifier, evacuated tube collectors and thermosyphon heat pipes. Desalination 397: 30–7. https://doi.org/10.1016/J.DESAL.2016.06.016
[46] Faegh M, Shafii MB. (2017). Experimental investigation of a solar still equipped with an external heat storage system using phase change materials and heat pipes. Desalination 409: 128–35. https://doi.org/10.1016/j.desal.2017.01.023
[47] Huang BJ. (1993). Performance rating method of thermosyphon solar water heaters. Sol Energy 50: 435–40. doi:10.1016/0038-092X(93)90065-V
[48] Malkin MP, Klein SA, Duffie JA, Copsey AB. (1987). A design method for thermosyphon solar domestic hot water systems. J Sol Energy Eng 109: 150. https://doi.org/10.1115/1.3268192
[49] Benhouia AT, Teggar M, Benchatti A. (2018). Effect of sand as thermal damper integrated in flat plate water solar thermal collector. Int J Heat Technol 36: 21–5. https://doi.org/10.18280/ijht.360103
[50] Nwosu PN, Oparaku OU, Okonkwo WI, Unachukwu GO, Agbiogwu D. (2011). Experimental study of a thermosyphon solar water heater coupled to a fibre-reinforced plastic (FRP) storage tank. Appl Sol Energy 47: 207–12. https://doi.org/10.3103/S0003701X11030157
[51] Belessiotis V, Mathioulakis E. (2002). Analytical approach of thermosyphon solar domestic hot water system performance. Sol Energy 72: 307–15. https://doi.org/10.1016/S0038-092X(02)00011-7
[52] Carbonell D, Cadafalch J, Consul R. (2013). Dynamic modelling of flat plate solar collectors. Analysis and validation under thermosyphon conditions. Sol Energy 89: 100–12. https://doi.org/10.1016/J.SOLENER.2012.12.014
[53] Dahl SD, Davidson JH. (1997). Performance and modeling of thermosyphon heat exchangers for solar water heaters. J Sol Energy Eng 119: 193. https://doi.org/10.1115/1.2888018
[54] Jiang QY, He W, Hou JX, Ji J. (2010). A new performance evaluation method for solar thermosyphon systems. Int J Low-Carbon Technol 5: 239–44. https://doi.org/10.1093/ijlct/ctq029
[55] Joshi SV, Bokil RS, Nayak JK. (2005). Test standards for thermosyphon-type solar domestic hot water system: Review and experimental evaluation. Sol Energy 78: 781–98. https://doi.org/10.1016/J.SOLENER.2004.08.023
[56] Esen M, Esen H. (2005). Experimental investigation of a two-phase closed thermosyphon solar water heater. Sol Energy 79: 459–68. https://doi.org/10.1016/J.SOLENER.2005.01.001
[57] Huang C, Lin WK, Wang SR. (2017). Two-phase closed-loop thermosyphon solar water heater with porous wick structure: Performance and start-up time. Arab J Sci Eng 42: 4885–94. https://doi.org/10.1007/s13369-017-2660-6.
[58] Zhang T, Pei G, Zhu Q, Ji J. (2016). Investigation on the optimum volume-filling ratio of a loop thermosyphon solar water-heating system. J Sol Energy Eng 138: 041006. https://doi.org/10.1115/1.4033403
[59] Velmurugan K, Christraj W, Kulasekharan N, Elango T. (2016). Performance study of a dual-function thermosyphon solar heating system. Arab J Sci Eng 41: 1835–46. https://doi.org/10.1007/s13369-015-1994-1
[60] Atik K. (2009). Thermoeconomic optimization in the design of thermoelectric cooler. Proc. 5th Int. Adv. Technol. Symp 13–5.
[61] Hu X, Jood P, Ohta M, Kunii M, Nagase K, Nishiate H, et al. (2016). Power generation from nanostructured PbTe-based thermoelectrics: Comprehensive development from materials to modules. Energy Environ Sci 9: 517–29. https://doi.org/10.1039/c5ee02979a
[62] Miljkovic N, Wang EN. (2011). Modeling and optimization of hybrid solar thermoelectric systems with thermosyphons. Sol Energy 85: 2843–55. https://doi.org/10.1016/J.SOLENER.2011.08.021
[63] Singh R, Tundee S, Akbarzadeh A. (2011). Electric power generation from solar pond using combined thermosyphon and thermoelectric modules. Sol Energy 85: 371–8. https://doi.org/10.1016/J.SOLENER.2010.11.012
[64] Mohamadian F, Eftekhar L, Haghighi Bardineh Y. (2018). Applying GMDH artificial neural network to predict dynamic viscosity of an antimicrobial nanofluid. Nanomedicine J 5: 217–21. https://doi.org/10.22038/NMJ.2018.05.00005
[65] Akbarianrad N, Mohammadian F, Alhuyi Nazari M, Rahbani Nobar B. (2018). Applications of nanotechnology in endodontic: A review. Nanomedicine J 5: 121–6. https://doi.org/10.22038/NMJ.2018.005.0001
[66] Chougule SS, Pradesh M. (2016). Thermal performance of two phase thermosyphon flat-plate solar collectors using nanofluid 136: 1–5. https://doi.org/10.1115/1.4025591