**Table 2**

Statistics on authors, powertrains, algorithms, and contributions of conference papers.

| Reference | Powertrain | Algorithm | Contribution |
| --- | --- | --- | --- |
| Biswas[98]  (2019) | Power split HEV | Q Learning | The RL-based EMS in real-world driving scenarios; |
| Gole[99]  (2019) | FCV | Q Learning | Hardware implementation based on NVIDIA Jetson TX2; |
| He[100]  (2019) | Serial HETV | DQN | The DQN-based EMS with target networks; |
| Heimrat[101]  (2019) | SUV | DQN | Reflex-augmented RL for safety-critical applications; |
| Hofstetter[102]  (2019) | Parallel HEV | PPO | Energy and emission management; simultaneously controlling the torque split, the electrical catalyst heating, and the combustion mode selection; |
| Shota[103]  (2019) | Parallel HEV | PPO | The RL-based EMS with connected information about the traffic lights; |
| Keyser[104]  (2019) | PEV | Q Learning | Treating the electric dual-drive vehicle as a target; the RL-based EMS; |
| Li[105]  (2019) | PEV | Q Learning | Lithium battery and supercapacitor; rule and QL-based strategy; switching the control strategy based on the actual situation between rule and QL-based EMSs; |
| Liessner[106]  (2019) | Parallel HEV | DDPG | Safety-critical applications; battery temperature; |
| Liessner[107]  (2019) | Parallel HEV | DDPG | Bayesian optimization for hyperparameters and vehicle parameters; |
| Liessner[108]  (2019) | Mild HEV | DDPG | The model-based hyperparameter optimization for DDPG; the random forest leads to twice the performance compared to the original hyperparameters; |
| Reddy[109]  (2019) | FCV | Q Learning | Minimizing fuel consumption and improving the lifespan of batteries; |
| Sanusi[110]  (2019) | Serial HEV | Q Learning | RL-adaptive DP-based EMS; compensating for both modeling uncertainties and variability; |
| Wang[111]  (2019) | ERDEV | Double QL | The generalization ability to unforeseen trips; |
| Wang[112]  (2019) | ERDEV | DDPG | The generalization ability to unforeseen trips; |
| Wang[113]  (2019) | ERDEV | Distributional DDPG | Uncertainty estimation in a return distribution; transferrable framework; |
| Biswas[114]  (2020) | Multi-mode HEV | A3C | Comparing rule-based and ECMS-based EMSs; |
| Liu[115]  (2020) | Parallel HEV | SARSA | Transition probability matrix; conditions recognition; transferrable framework; |
| Wang[116]  (2020) | ERDEV | IQN | The full return distribution is estimated; the risk measure of conditional value at risk; |
| Wang[117]  (2020) | ERDEV | DQN | Vehicle to cloud; Bayesian ensemble; uncertainty estimation for action; |
| Wu[118]  (2020) | PHEV | Q Learning | Considering battery SOC planning; |
| Zhu[119]  (2020) | Parallel HEV | Double DQN | SUMO; urban traffic model; |
| Chen[120]  (2021) | Parallel HEV | Q Learning | State reduction mechanism; CO2 emission; |
| Deng[121]  (2021) | Hybrid rail vehicles | TD3 | Hybrid rail vehicles on remote non-electrified routes; a new reward function term including the price, the SOC, and the fuel cell aging; |
| Guo[122]  (2021) | FCV | Q Learning | Improved several objective functions for reducing hydrogen consumption and maintaining battery SOC; |
| Hu[123]  (2021) | PEV | DDPG | Integrating the experience of agents; weighted evaluation strategy; |
| Huang[124]  (2021) | PHEB | DDPG | Real-world speed profile; the DDPG-based SOC reference trajectory generator; DNN-based speed prediction; MPC-based online optimal EMSs; |
| Huang[125]  (2021) | Power split PHEB | DDPG | Prioritized experience replay; a real-world speed profile; |
| Meng[126]  (2021) | FCV | Double Q Learning | Overcoming the overestimation; |
| Sreekanth[127]  (2021) | Parallel HEV | DQN | Co-simulation studies between Matlab and the advanced vehicle simulator; |
| Tao[128]  (2021) | PEV | Model-based RL | An RL-based NN model training by the fuzzy controller; reduce the prediction error and reselect the action for the RL controller; battery and supercapacitor; |
| Wei[129]  (2021) | Power split HEB | DDPG | Priority experience replay; battery thermal management by penalties about over-temperature; fully-continuous separate speed and torque control; |
| Ye[130]  (2021) | PEV | Fast Q Learning | Battery and supercapacitor; energy saving and battery aging; |
| Zheng[131]  (2021) | FCV | DDPG | Prioritized experience replay; |
| Biswas[132]  (2022) | Power split HEV | A3C | An immediate reward should be articulated to control infeasibility; |
| Chen[133]  (2022) | Power split HEV | DDPG  DQN | The dimension disaster of Q-Learning; the discrete problem of DQN; |
| Chen[134]  (2022) | FCV | DDPG | Ecological driving; reward for optimizing car-following, fuel consumption, and change rate of the output power of fuel cell system; |
| Ghaderi[135]  (2022) | FCV | Q Learning | The fuzzy logic-based control determines the amount of power distribution; the RL-based policy optimally shares the power among the fuel cells; |
| Guo[136]  (2022) | FCV | Q Learning | A fuzzy inference system to approximate the state-action value; |
| Guo[137]  (2022) | FCV | Fuzzy Q Learning | Suppressing frequent fuel cells startup by considering the penalty; fuzzy logic to approximate the value function to solve continuous state and action problems; |
| Han[138]  (2022) | Serial HEV | Double Q Learning | Avoiding the maximization bias; |
| Hou[139]  (2022) | FCV | Q Learning | Minimizing the hydrogen consumption and keeping a stable SOC level; |
| Lin[140]  (2022) | PHEV | PPO | The DRL agent determines the equivalent factor of the ECMS-based EMS; |
| Lin[141]  (2022) | Parallel HEV | MCTS | Monte Carlo Tree Search-based adjustment method for the equivalence factor of the ECMS-based EMS; |
| Shen[142]  (2022) | FC Bus | DDPG | High-speed traffic scenarios; a real bus driving condition; NGSIM data; |
| Wang[143]  (2022) | PHETV | DDPG | Serial parallel powertrain; an equivalent motor; RL-based mode selection and power distribution; |
| Wu[144]  (2022) | Power split HEV | 5 DRL  algorithms | Standard benchmarks and tighter metrics of experimental reporting; systematic benchmarking studies on DRL-based EMSs; |
| Xu[145]  (2022) | Power split HEV | DDPG | Transfer learning; the influence of different noise; |
| Ye[146]  (2022) | PEV | Q Learning | Battery and supercapacitor; the digital twin methodology; hardware-in-the-loop; battery degradation; |
| Niu[147]  (2022) | Power split HEV | DQN | Connected vehicles; cloud and offline RL; batch-constrained DQN; |
| Zhang[148]  (2022) | PHE Bus | PPO | Fuzzy-based style recognition (transient information) is treated the state; |
| Zhang[149]  (2022) | Parallel HEV | DQN | Bi-LSTM-based velocity prediction; reference SOC trajectory based on velocity and driving mileage; MPC-DRL-based EMSs; |
| Zhang[150]  (2022) | Electric Bus | DDPG | Customized cycle construction; data-driven EMSs; dual motors; |
| Li[151]  (2023) | Power split PHEV | DQN  DDPG | The DQN and DDPG-based EMSs for the Prius; |
| Xu[152]  (2023) | PEV | SAC | Battery and supercapacitor; battery lifespan; joint energy management and eco-routing; the dynamic traffic flow; QL-based eco-routing; SAC-based EMSs; |
| Yadav[153]  (2023) | Power split HEV | DQN  DDPG | The DQN and DDPG-based EMSs for the Prius; applying learned parameters for initializing the new network; |
| Yazar[154]  (2023) | Power split HEV | TD3 | The TD3-based EMS and comparing it with the QL, DQN, and DDPG; |

**References**

1. Z. Liu, H. Hao, X. Cheng, et al. Critical issues of energy efficient and new energy vehicles development in China. *Energy Policy*. 2018, 115: 92-97.
2. H. He, F. Sun, Z. Wang, et al. China’s battery electric vehicles lead the world: Achievements in technology system architecture and technological breakthroughs. *Green Energy and Intelligent Transportation*. 2022: 100020.
3. X. Zhao, L. Wang, Y. Zhou, et al. Energy management strategies for fuel cell hybrid electric vehicles: Classification, comparison, and outlook. *Energy Conversion and Management*. 2022, 270: 116179.
4. Z. Li, A. Khajepour, J. Song. A comprehensive review of the key technologies for pure electric vehicles. *Energy*. 2019, 182: 824-839.
5. M. F. M. Sabri, K. A. Danapalasingam, M. F. Rahmat. A review on hybrid electric vehicles architecture and energy management strategies. *Renewable and Sustainable Energy Reviews*. 2016, 53: 1433-1442.
6. D. D. Tran, M. Vafaeipour, Baghdadi. M. El, et al. Thorough state-of-the-art analysis of electric and hybrid vehicle powertrains: Topologies and integrated energy management strategies. *Renewable and Sustainable Energy Reviews*. 2020, 119: 109596.
7. Y. Cao, M. Yao, X. Sun. An Overview of Modelling and Energy Management Strategies for Hybrid Electric Vehicles. *Applied Sciences*. 2023, 13(10): 5947.
8. H. Pei, X. Hu, Y. Yang, et al. Designing multi-mode power split hybrid electric vehicles using the hierarchical topological graph theory. *IEEE Transactions on Vehicular Technology*. 2020, 69(7): 7159-7171.
9. X. Hu, J. Han, X. Tang, et al. Powertrain design and control in electrified vehicles: A critical review. *IEEE transactions on transportation electrification*. 2021, 7(3): 1990-2009.
10. B. HomChaudhuri, R. Lin, P. Pisu. Hierarchical control strategies for energy management of connected hybrid electric vehicles in urban roads. *Transportation Research Part C: Emerging Technologies*. 2016, 62: 70-86.
11. M. A. Hannan, F. A. Azidin, A. Mohamed. Hybrid electric vehicles and their challenges: A review. *Renewable and Sustainable Energy Reviews*. 2014, 29: 135-150.
12. A. S. Mohammed, S. M. Atnaw, A. O. Salau, et al. Review of optimal sizing and power management strategies for fuel cell/battery/super capacitor hybrid electric vehicles. *Energy Reports*. 2023, 9: 2213-2228.
13. J. Peng, H. He, R. Xiong. Rule based energy management strategy for a series–parallel plug-in hybrid electric bus optimized by dynamic programming. *Applied Energy*. 2017, 185: 1633-1643.
14. S. Zhang, X. Hu, S. Xie, et al. Adaptively coordinated optimization of battery aging and energy management in plug-in hybrid electric buses. *Applied Energy*. 2019, 256: 113891.
15. H. Li, A. Ravey, A. N’Diaye, et al. Online adaptive equivalent consumption minimization strategy for fuel cell hybrid electric vehicle considering power sources degradation. *Energy conversion and management*. 2019, 192: 133-149.
16. F. Zhang, X. Hu, R. Langari, et al. Energy management strategies of connected HEVs and PHEVs: Recent progress and outlook. *Progress in Energy and Combustion Science*. 2019, 73: 235-256.
17. X. Hu, T. Liu, X. Qi, et al. Reinforcement learning for hybrid and plug-in hybrid electric vehicle energy management: Recent advances and prospects. *IEEE Industrial Electronics Magazine*. 2019, 13(3): 16-25.
18. R. Ostadian, J. Ramoul, A. Biswas, et al. Intelligent energy management systems for electrified vehicles: Current status, challenges, and emerging trends. *IEEE Open Journal of Vehicular Technology*. 2020, 1: 279-295.
19. Q. Feiyan, L. Weimin. A review of machine learning on energy management strategy for hybrid electric vehicles. *2021 6th Asia Conference on Power and Electrical Engineering (ACPEE)*. 2021: 315-319.
20. T. Liu, W. Tan, X. Tang, et al. Driving conditions-driven energy management strategies for hybrid electric vehicles: A review. *Renewable and Sustainable Energy Reviews*. 2021, 151: 111521.
21. C. Song, K. Kim, D. Sung, et al. A review of optimal energy management strategies using machine learning techniques for hybrid electric vehicles. *International Journal of Automotive Technology*. 2021, 22: 1437-1452.
22. A. H. Ganesh, B. Xu. A review of reinforcement learning based energy management systems for electrified powertrains: Progress, challenge, and potential solution. *Renewable and Sustainable Energy Reviews*. 2022, 154: 111833.
23. R. Venkatasatish, C. Dhanamjayulu. Reinforcement learning based energy management systems and hydrogen refuelling stations for fuel cell electric vehicles: An overview. *International Journal of Hydrogen Energy*. 2022, 47(64): 27646-27670.
24. M. Al-Saadi, M. Al-Greer, M. Short. Reinforcement learning-based intelligent control strategies for optimal power management in advanced power distribution systems: A survey. *Energies*. 2023, 16(4): 1608.
25. J. Gan, S. Li, C. Wei, et al. Intelligent Learning Algorithm and Intelligent Transportation-Based Energy Management Strategies for Hybrid Electric Vehicles: A Review. *IEEE Transactions on Intelligent Transportation Systems*. 2023.
26. D. Qiu, Y. Wang, W. Hua, et al. Reinforcement learning for electric vehicle applications in power systems: A critical review. *Renewable and Sustainable Energy Reviews*. 2023, 173: 113052.
27. D. Xu, C. Zheng, Y. Cui, et al. Recent progress in learning algorithms applied in energy management of hybrid vehicles: a comprehensive review. *International Journal of Precision Engineering and Manufacturing-Green Technology*. 2023, 10(1): 245-267.
28. Y. LeCun, Y. Bengio, G. Hinton. Deep learning. *Nature*. 2015, 521(7553): 436-444.
29. W. S. McCulloch, W. Pitts. A logical calculus of the ideas immanent in nervous activity. *The bulletin of mathematical biophysics*. 1943, 5: 115-133.
30. F. Rosenblatt. The perceptron: a probabilistic model for information storage and organization in the brain. *Psychological review*. 1958, 65(6): 386.
31. J. J. Hopfield. Neural networks and physical systems with emergent collective computational abilities. *Proceedings of the national academy of sciences*. 1982, 79(8): 2554-2558.
32. D. E. Rumelhart, G. E. Hinton, R. J. Williams. Learning representations by back-propagating errors. *Nature*. 1986, 323(6088): 533-536.
33. J. L. Elman. Finding structure in time. *Cognitive science*. 1990, 14(2): 179-211.
34. Y. LeCun, L. Bottou, Y. Bengio, et al. Gradient-based learning applied to document recognition. *Proceedings of the IEEE*. 1998, 86(11): 2278-2324.
35. L. S. T. Memory. Long short-term memory. *Neural computation*. 2010, 9(8): 1735-1780.
36. Y. Bengio, R. Ducharme, P. Vincent. A neural probabilistic language model. *Advances in neural information processing systems*. 2000, 13.
37. I. Goodfellow, J. Pouget-Abadie, M. Mirza, et al. Generative adversarial nets. *Advances in neural information processing systems*. 2014, 27.
38. K. Cho, Merriënboer. B. Van, D. Bahdanau, et al. On the properties of neural machine translation: Encoder-decoder approaches. arXiv preprint arXiv:1409. 1259, 2014.
39. A. Vaswani, N. Shazeer, N. Parmar, et al. Attention is all you need. *Advances in neural information processing systems*. 2017, 30.
40. J. Deng, W. Dong, R. Socher, et al. Imagenet: A large-scale hierarchical image database. *2009 IEEE conference on computer vision and pattern recognition*. 2009: 248-255.
41. A. Krizhevsky, I. Sutskever, G. E. Hinton. Imagenet classification with deep convolutional neural networks. *Advances in neural information processing systems*. 2012, 25.
42. M. D. Zeiler, R. Fergus. Visualizing and understanding convolutional networks. *Computer Vision–ECCV 2014: 13th European Conference*. 2014: 818-833.
43. C. Szegedy, W. Liu, Y. Jia, et al. Going deeper with convolutions. *Proceedings of the IEEE conference on computer vision and pattern recognition*. 2015: 1-9.
44. K. Simonyan, A. Zisserman. Very deep convolutional networks for large-scale image recognition. arXiv preprint arXiv:1409. 1556, 2014.
45. K. He, X. Zhang, S. Ren, et al. Deep residual learning for image recognition. *Proceedings of the IEEE conference on computer vision and pattern recognition*. 2016: 770-778.
46. K. Arulkumaran, M. P. Deisenroth, M. Brundage, et al. Deep reinforcement learning: A brief survey. *IEEE Signal Processing Magazine*. 2017, 34(6): 26-38.
47. R. Bellman. The theory of dynamic programming. *Bulletin of the American Mathematical Society*. 1954, 60(6): 503-515.
48. N. Metropolis, S. Ulam. The monte carlo method. *Journal of the American statistical association*. 1949, 44(247): 335-341.
49. R. J. Williams. Reinforcement-learning connectionist systems. *College of Computer Science*. 1987.
50. R. S. Sutton. Learning to predict by the methods of temporal differences. *Machine learning*. 1988, 3: 9-44.
51. G. A. Rummery, M. Niranjan. *On-line Q-learning using connectionist systems*. Cambridge. 1994.
52. C. J. C. H. Watkins. Learning from delayed rewards. 1989.
53. C. J. C. H. Watkins, P. Dayan. Q-learning. *Machine learning*. 1992, 8: 279-292.
54. L. J. Lin. *Reinforcement learning for robots using neural networks*. Carnegie Mellon University. 1992.
55. L. Baird. Residual algorithms: Reinforcement learning with function approximation. *Machine Learning Proceedings 1995*. 1995: 30-37.
56. J. Tsitsiklis, Roy. B. Van. Analysis of temporal-diffference learning with function approximation. *Advances in neural information processing systems*. 1996, 9.
57. R. S. Sutton, D. McAllester, S. Singh, et al. Policy gradient methods for reinforcement learning with function approximation. *Advances in neural information processing systems*. 1999, 12.
58. A. Y. Ng, S. Russell. Algorithms for inverse reinforcement learning. *Icml*. 2000, 1: 2.
59. P. Abbeel, A. Y. Ng. Apprenticeship learning via inverse reinforcement learning. *Proceedings of the twenty-first international conference on Machine learning*. 2004:1.
60. R. Coulom. Efficient selectivity and backup operators in Monte-Carlo tree search. *International conference on computers and games*. 2006: 72-83.
61. V. Mnih, K. Kavukcuoglu, D. Silver, et al. Playing atari with deep reinforcement learning. arXiv preprint arXiv:1312. 5602, 2013.
62. V. Mnih, K. Kavukcuoglu, D. Silver, et al. Human-level control through deep reinforcement learning. *Nature*. 2015, 518(7540): 529-533.
63. T. P. Lillicrap, J. J. Hunt, A. Pritzel, et al. Continuous control with deep reinforcement learning. arXiv preprint arXiv:1509. 02971, 2015.
64. T. Schaul, J. Quan, I. Antonoglou, et al. Prioritized experience replay. arXiv preprint arXiv:1511. 05952, 2015.
65. J. Schulman, S. Levine, P. Abbeel, et al. Trust region policy optimization. *International conference on machine learning*. 2015: 1889-1897.
66. M. Hausknecht, P. Stone. Deep recurrent q-learning for partially observable mdps. *2015 aaai fall symposium series*. 2015.
67. D. Silver, A. Huang, C. J. Maddison, et al. Mastering the game of Go with deep neural networks and tree search. *Nature*. 2016, 529(7587): 484-489.
68. D. Silver, J. Schrittwieser, K. Simonyan, et al. Mastering the game of go without human knowledge. *Nature*. 2017, 550(7676): 354-359.
69. D. Silver, T. Hubert, J. Schrittwieser, et al. A general reinforcement learning algorithm that masters chess, shogi, and Go through self-play. *Science*. 2018, 362(6419): 1140-1144.
70. Hasselt. H. Van, A. Guez, D. Silver. Deep reinforcement learning with double q-learning. *Proceedings of the AAAI conference on artificial intelligence*. 2016, 30(1).
71. Z. Wang, T. Schaul, M. Hessel, et al. Dueling network architectures for deep reinforcement learning. *International conference on machine learning*. 2016: 1995-2003.
72. V. Mnih, A. P. Badia, M. Mirza, et al. Asynchronous methods for deep reinforcement learning. *International conference on machine learning*. 2016: 1928-1937.
73. J. Schulman, F. Wolski, P. Dhariwal, et al. Proximal policy optimization algorithms. arXiv preprint arXiv:1707. 06347, 2017.
74. T. Haarnoja, A. Zhou, P. Abbeel, et al. Soft actor-critic: Off-policy maximum entropy deep reinforcement learning with a stochastic actor. *International conference on machine learning*. 2018: 1861-1870.
75. S. Fujimoto, H. Hoof, D. Meger. Addressing function approximation error in actor-critic methods. *International conference on machine learning*. 2018: 1587-1596.
76. M. Fortunato, M. G. Azar, B. Piot, et al. Noisy networks for exploration. arXiv preprint arXiv:1706. 10295, 2017.
77. M. Hessel, J. Modayil, Hasselt. H. Van, et al. Rainbow: Combining improvements in deep reinforcement learning. *Proceedings of the AAAI conference on artificial intelligence*. 2018, 32(1).
78. O. Vinyals, I. Babuschkin, W. M. Czarnecki, et al. Grandmaster level in StarCraft II using multi-agent reinforcement learning. *Nature*. 2019, 575(7782): 350-354.
79. J. Schrittwieser, I. Antonoglou, T. Hubert, et al. Mastering atari, go, chess and shogi by planning with a learned model. *Nature*. 2020, 588(7839): 604-609.
80. J. Jumper, R. Evans, A. Pritzel, et al. Highly accurate protein structure prediction with AlphaFold. *Nature*. 2021, 596(7873): 583-589.
81. P. R. Wurman, S. Barrett, K. Kawamoto, et al. Outracing champion Gran Turismo drivers with deep reinforcement learning. *Nature*. 2022, 602(7896): 223-228.
82. J. Degrave, F. Felici, J. Buchli, et al. Magnetic control of tokamak plasmas through deep reinforcement learning. *Nature*. 2022, 602(7897): 414-419.
83. Z. Cao, K. Jiang, W. Zhou, et al. Continuous improvement of self-driving cars using dynamic confidence-aware reinforcement learning. *Nature Machine Intelligence*. 2023, 5(2): 145-158.
84. S. Feng, H. Sun, X. Yan, et al. Dense reinforcement learning for safety validation of autonomous vehicles. *Nature*. 2023, 615(7953): 620-627.
85. R. Abdelhedi, A. Lahyani, A. C. Ammari, et al. Reinforcement learning-based power sharing between batteries and supercapacitors in electric vehicles. *2018 IEEE International Conference on Industrial Technology (ICIT)*. 2018: 2072-2077.
86. H. Chaoui, H. Gualous, L. Boulon, et al. Deep reinforcement learning energy management system for multiple battery based electric vehicles. *2018 IEEE Vehicle Power and Propulsion Conference (VPPC)*. 2018: 1-6.
87. Y. Fang, C. Song, B. Xia, et al. An energy management strategy for hybrid electric bus based on reinforcement learning. *The 27th Chinese control and decision conference (2015 CCDC)*. 2015: 4973-4977.
88. R. C. Hsu, S. M. Chen, W. Y. Chen, et al. A reinforcement learning based dynamic power management for fuel cell hybrid electric vehicle. *2016 joint 8th international conference on soft computing and intelligent systems (SCIS) and 17th international symposium on advanced intelligent systems (ISIS)*. 2016: 460-464.
89. S. A. Kouche-Biyouki, S. M. A. Naseri-Javareshk, A. Noori, et al. Power management strategy of hybrid vehicles using sarsa method. *Electrical Engineering (ICEE)*. 2018: 946-950.
90. X. Lin, Y. Wang, P. Bogdan, et al. Reinforcement learning based power management for hybrid electric vehicles. *2014 IEEE/ACM international conference on computer-aided design (ICCAD)*. 2014: 33-38.
91. C. Liu, Y. L. Murphey. Power management for plug-in hybrid electric vehicles using reinforcement learning with trip information. *2014 IEEE transportation electrification conference and expo (ITEC)*. 2014: 1-6.
92. C. Liu, Y. L. Murphey. Analytical greedy control and Q-learning for optimal power management of plug-in hybrid electric vehicles. *2017 IEEE Symposium Series on Computational Intelligence (SSCI)*. 2017: 1-8.
93. T. Liu, C. Yang, C. Hu, et al. Reinforcement learning-based predictive control for autonomous electrified vehicles. *2018 IEEE Intelligent Vehicles Symposium (IV)*. 2018: 185-190.
94. X. Qi, Y. Luo, G. Wu, et al. Deep reinforcement learning-based vehicle energy efficiency autonomous learning system. *2017 IEEE intelligent vehicles symposium (IV)*. 2017: 1228-1233.
95. S. Yue, Y. Wang, Q. Xie, et al. Model-free learning-based online management of hybrid electrical energy storage systems in electric vehicles. *IECON 2014-40th Annual Conference of the IEEE Industrial Electronics Society*. 2014: 3142-3148.
96. P. Zhao, Y. Wang, N. Chang, et al. A deep reinforcement learning framework for optimizing fuel economy of hybrid electric vehicles. *2018 23rd Asia and South Pacific design automation conference (ASP-DAC)*. 2018: 196-202.
97. C. H. Zheng, C. M. Lee, Y. C. Huang, et al. Adaptive optimal control algorithm for maturing energy management strategy in fuel-cell/Li-ion-capacitor hybrid electric vehicles. *2013 9th Asian Control Conference (ASCC)*. 2013: 1-7.
98. A. Biswas, P. G. Anselma, A. Emadi. Real-time optimal energy management of electrified powertrains with reinforcement learning. *2019 IEEE Transportation Electrification Conference and Expo (ITEC)*. 2019: 1-6.
99. T. Gole, A. Hange, R. Dhar, et al. Reinforcement learning based energy management in hybrid electric vehicle. *2019 International Conference on Power Electronics*. 2019: 1-5.
100. D. He, Y. Zou, J. Wu, et al. Deep Q-learning based energy management strategy for a series hybrid electric tracked vehicle and its adaptability validation. *2019 IEEE Transportation Electrification Conference and Expo (ITEC)*. 2019: 1-6.
101. A. Heimrath, J. Froeschl, R. Rezaei, et al. Reflex-augmented reinforcement learning for operating strategies in automotive electrical energy management. *2019 International Conference on Computing*. 2019: 62-67.
102. J. Hofstetter, H. Bauer, W. Li, et al. Energy and emission management of hybrid electric vehicles using reinforcement learning. *IFAC-PapersOnLine*. 2019, 52(29): 19-24.
103. S. Inuzuka, F. Xu, B. Zhang, et al. Reinforcement learning based on energy management strategy for HEVs. *2019 IEEE Vehicle Power and Propulsion Conference (VPPC)*. 2019: 1-6.
104. Keyser. A. De, G. Crevecoeur. Integrated Offline Reinforcement Learning for Optimal Power Flow Management in an Electric Dual-Drive Vehicle. *2019 IEEE/ASME International Conference on Advanced Intelligent Mechatronics (AIM)*. 2019: 1305-1310.
105. Y. Li, J. Tao, K. Han. Rule and Q-learning based Hybrid Energy Management for Electric Vehicle. *2019 Chinese Automation Congress (CAC)*. 2019: 51-56.
106. R. Liessner, A. M. Dietermann, B. Bäker. Safe deep reinforcement learning hybrid electric vehicle energy management. *Agents and Artificial Intelligence: 10th International Conference*. 2019: 161-181.
107. R. Liessner, A. Lorenz, J. Schmitt, et al. Simultaneous electric powertrain hardware and energy management optimization of a hybrid electric vehicle using deep reinforcement learning and Bayesian optimization. *2019 IEEE Vehicle Power and Propulsion Conference (VPPC)*. 2019: 1-6.
108. R. Liessner, J. Schmitt, A. Dietermann, et al. Hyperparameter Optimization for Deep Reinforcement Learning in Vehicle Energy Management. *ICAART*. 2019: 134-144.
109. N. P. Reddy, D. Pasdeloup, M. K. Zadeh, et al. An intelligent power and energy management system for fuel cell/battery hybrid electric vehicle using reinforcement learning. *2019 IEEE transportation electrification conference and expo (ITEC)*. 2019: 1-6.
110. I. Sanusi, A. Mills, G. Konstantopoulos, et al. Power management optimisation for hybrid electric systems using reinforcement learning and adaptive dynamic programming. *2019 American Control Conference (ACC)*. 2019: 2608-2613.
111. P. Wang, Y. Li, S. Shekhar, et al. A deep reinforcement learning framework for energy management of extended range electric delivery vehicles. *2019 IEEE intelligent vehicles symposium (IV)*. 2019: 1837-1842.
112. P. Wang, Y. Li, S. Shekhar, et al. Actor-critic based deep reinforcement learning framework for energy management of extended range electric delivery vehicles. *2019 IEEE/ASME international conference on advanced intelligent mechatronics (AIM)*. 2019: 1379-1384.
113. P. Wang, Y. Li, S. Shekhar, et al. Uncertainty estimation with distributional reinforcement learning for applications in intelligent transportation systems: A case study. *2019 IEEE Intelligent Transportation Systems Conference (ITSC)*. 2019: 3822-3827.
114. A. Biswas, P. G. Anselma, A. Rathore, et al. Comparison of three real-time implementable energy management strategies for multi-mode electrified powertrain. *2020 IEEE Transportation Electrification Conference & Expo (ITEC)*. 2020: 514-519.
115. T. Liu, X. Tang, J. Chen, et al. Transferred energy management strategies for hybrid electric vehicles based on driving conditions recognition. *2020 IEEE Vehicle Power and Propulsion Conference (VPPC)*. 2020: 1-6.
116. P. Wang, Y. Li, S. Shekhar, et al. Risk-aware Energy Management of Extended Range Electric Delivery Vehicles with Implicit Quantile Network. *2020 IEEE 16th International Conference on Automation Science and Engineering (CASE)*. 2020: 772-778.
117. P. Wang, Y. Li, S. Shekhar, et al. Uncertainty-aware energy management of extended range electric delivery vehicles with bayesian ensemble. *2020 IEEE Intelligent Vehicles Symposium (IV)*. 2020: 1556-1562.
118. Y. Wu, Y. Liu, Z. Chen, et al. Reinforcement Energy Management Strategy for a Plug-in Hybrid Electric Vehicle Considering State-of-Charge Constraint. *2020 4th CAA International Conference on Vehicular Control and Intelligence (CVCI)*. 2020: 282-287.
119. Z. Zhu, Y. Liu, M. Canova. Energy management of hybrid electric vehicles via deep Q-networks. *2020 American Control Conference (ACC)*. 2020: 3077-3082.
120. S. Y. Chen, H. Y. Lo, T. Y. Tsao, et al. Energy Management System for a Hybrid Electric Vehicle Using Reinforcement Learning. *2021 IEEE International Symposium on Product Compliance Engineering-Asia (ISPCE-ASIA)*. 2021: 1-2.
121. K. Deng, D. Hai, H. Peng, et al. Deep Reinforcement Learning Based Energy Management Strategy for Fuel Cell and Battery Powered Rail Vehicles. *2021 IEEE Vehicle Power and Propulsion Conference (VPPC)*. 2021: 1-6.
122. L. Guo, Z. Li, R. Outbib. Reinforcement learning based energy management for fuel cell hybrid electric vehicles. *IECON 2021–47th Annual Conference of the IEEE Industrial Electronics Society*. 2021: 1-6.
123. S. Hu, X. Wu, J. Li. Adaptive Energy Management Strategy Based on Deep Reinforcement Learning for Extended-range Electric Vehicles. *2021 5th CAA International Conference on Vehicular Control and Intelligence (CVCI)*. 2021: 1-6.
124. R. Huang, H. He, X. Meng, et al. A Novel Hierarchical Predictive Energy Management Strategy for Plug-in Hybrid Electric Bus Combined with Deep Reinforcement Learning. *2021 International Conference on Electrical*. 2021: 1-5.
125. R. Huang, H. He, X. Meng, et al. Energy Management Strategy for Plug-in Hybrid Electric Bus based on Improved Deep Deterministic Policy Gradient Algorithm with Prioritized Replay. *2021 IEEE Vehicle Power and Propulsion Conference (VPPC)*. 2021: 1-6.
126. X. Meng, Q. Li, G. Zhang, et al. Double Q-learning-based energy management strategy for overall energy consumption optimization of fuel cell/battery vehicle. *2021 IEEE Transportation Electrification Conference & Expo (ITEC)*. 2021: 1-6.
127. S. Nethagani, A. S. Yadav, S. Kanagala, et al. Machine learning based Energy management system for better optimisation of power in electric vehicles. *2021 5th International Conference on Electronics*. 2021: 335-339.
128. J. Tao, G. Chen, R. Gao. Neural Network and Reinforcement Learning based Energy Management Strategy for Battery/Supercapacitor HEV. *2021 China Automation Congress (CAC)*. 2021: 5623-5628.
129. Z. Wei, H. Ruan, H. He. Battery Thermal-conscious Energy Management for Hybrid Electric Bus Based on Fully-continuous Control with Deep Reinforcement Learning. *2021 IEEE Transportation Electrification Conference & Expo (ITEC)*. 2021: 1-5.
130. Y. Ye, J. Zhang, B. Xu. A Fast Q-learning Energy Management Strategy for Battery/Supercapacitor Electric Vehicles Considering Energy Saving and Battery Aging. *2021 International Conference on Electrical*. 2021: 1-6.
131. C. Zheng, W. Li, Y. Xiao, et al. A Deep Deterministic Policy Gradient-Based Energy Management Strategy for Fuel Cell Hybrid Vehicles. *2021 IEEE Vehicle Power and Propulsion Conference (VPPC)*. 2021: 1-6.
132. A. Biswas, Y. Wang, A. Emadi. Effect of immediate reward function on the performance of reinforcement learning-based energy management system. *2022 IEEE Transportation Electrification Conference & Expo (ITEC)*. 2022: 1021-1026.
133. F. Chen, P. Mei, H. Xie, et al. Reinforcement learning-based energy management control strategy of hybrid electric vehicles. *2022 8th International Conference on Control*. 2022: 248-252.
134. W. Chen, G. Yin, Y. Fan, et al. Ecological Driving Strategy for Fuel Cell Hybrid Electric Vehicle Based on Continuous Deep Reinforcement Learning. *2022 6th CAA International Conference on Vehicular Control and Intelligence (CVCI)*. 2022: 1-6.
135. R. Ghaderi, M. Kandidayeni, L. Boulon, et al. Power Allocation of an Electrified Vehicle Based on Blended Reinforcement Learning With Fuzzy Logic. *2022 IEEE Vehicle Power and Propulsion Conference (VPPC)*. 2022: 1-5.
136. L. Guo, Z. Li, R. Outbib. Fuzzy Rule Value Reinforcement Learning based Energy Management Strategy for Fuel Cell Hybrid Electric Vehicles. *IECON 2022–48th Annual Conference of the IEEE Industrial Electronics Society*. 2022: 1-7.
137. L. Guo, Z. Li, R. Outbib. A Lifetime Extended Energy Management Strategy for Fuel Cell Hybrid Electric Vehicles via Self-Learning Fuzzy Reinforcement Learning. *2022 10th International Conference on Systems and Control (ICSC)*. 2022: 161-167.
138. L. Han, K. Yang, X. Zhang, et al. Energy management strategy for hybrid electric vehicles based on double Q-learning. *International Conference on Mechanical Design and Simulation (MDS 2022)*. 2022, 12261: 639-648.
139. S. Hou, X. Liu, H. Yin, et al. Reinforcement Learning-Based Energy Optimization for a Fuel Cell Electric Vehicle. *2022 4th International Conference on Smart Power & Internet Energy Systems (SPIES)*. 2022: 1928-1933.
140. Y. Lin, L. Chu, J. Hu, et al. DRL-ECMS: An Adaptive Hierarchical Equivalent Consumption Minimization Strategy Based on Deep Reinforcement Learning. *2022 IEEE Intelligent Vehicles Symposium (IV)*. 2022: 235-240.
141. Y. Lin, L. Chu, J. Hu, et al. An Intelligent Energy Management Strategy for Plug-in Hybrid Electric Vehicle Inspired from Monte Carlo Tree Search. *2022 IEEE 25th International Conference on Intelligent Transportation Systems (ITSC)*. 2022: 811-816.
142. Y. Shen, F. Yi, Y. Fan, et al. Fuel cell bus energy management based on deep reinforcement learning in NGSIM high-speed traffic scenario. *2022 6th CAA International Conference on Vehicular Control and Intelligence (CVCI)*. 2022: 1-6.
143. Z. Wang, J. Xie, M. Kang, et al. Energy Management for a Series-Parallel Plug-In Hybrid Electric Truck Based on Reinforcement Learning. *2022 13th Asian Control Conference (ASCC)*. 2022: 590-596.
144. W. Yuankai, L. Renzong, W. Yong, et al. Benchmarking Deep Reinforcement Learning Based Energy Management Systems for Hybrid Electric Vehicles. *CAAI International Conference on Artificial Intelligence*. 2022: 613-625.
145. J. Xu, Z. Li, L. Gao, et al. A comparative study of deep reinforcement learning-based transferable energy management strategies for hybrid electric vehicles. *2022 IEEE Intelligent Vehicles Symposium (IV)*. 2022: 470-477.
146. Y. Ye, B. Xu, J. Zhang, et al. Reinforcement Learning-Based Energy Management System Enhancement Using Digital Twin for Electric Vehicles. *2022 IEEE Vehicle Power and Propulsion Conference (VPPC)*. 2022: 1-6.
147. N. Zegong, H. Hongwen, W. Yong, et al. Energy Management Optimization for Connected Hybrid Electric Vehicle with Offline Reinforcement Learning. *2022 IEEE 12th International Conference on Electronics Information and Emergency Communication (ICEIEC)*. 2022: 103-106.
148. C. Zhang, W. Cui, N. Cui. Deep Reinforcement Learning based Multi-Objective Energy Management Strategy for a Plug-in Hybrid Electric Bus Considering Driving Style Recognition. *2022 6th CAA International Conference on Vehicular Control and Intelligence (CVCI)*. 2022: 1-6.
149. C. Zhang, W. Cui, Y. Du, et al. Energy management of hybrid electric vehicles based on model predictive control and deep reinforcement learning. *2022 41st Chinese Control Conference (CCC)*. 2022: 5441-5446.
150. K. Zhang, J. Ruan, Z. Ye, et al. Energy Management Strategy Based on Constructing a Fitting Driving Cycle for Pure Electric Vehicles. *2022 6th CAA International Conference on Vehicular Control and Intelligence (CVCI)*. 2022: 1-6.
151. X. Li, Y. Zhang, Y. Peng, et al. Reinforcement Learning-Based Energy Management for Plug-in Hybrid Electric Vehicles. *2023 9th International Conference on Electrical Engineering*. 2023: 1-6.
152. Y. Xu, G. Han, D. Zhang, et al. Joint Energy Management and Eco-Routing for Electric Vehicles with Hybrid Energy Storage Systems. *2023 4th Information Communication Technologies Conference (ICTC)*. 2023: 374-378.
153. P. Yadav, V. K. Saini, A. S. Al-Sumaiti, et al. Intelligent Energy Management Strategies for Hybrid Electric Transportation. *2023 IEEE IAS Global Conference on Renewable Energy and Hydrogen Technologies (GlobConHT)*. 2023: 1-7.
154. O. Yazar, S. Coskun, L. Li, et al. Actor-Critic TD3-based Deep Reinforcement Learning for Energy Management Strategy of HEV. *2023 5th International Congress on Human-Computer Interaction*. 2023: 1-6.
155. J. Cao, R. Xiong. Reinforcement learning-based real-time energy management for plug-in hybrid electric vehicle with hybrid energy storage system. *Energy Procedia*. 2017, 142: 1896-1901.
156. Z. Chen, H. Hu, Y. Wu, et al. Energy management for a power-split plug-in hybrid electric vehicle based on reinforcement learning. *Applied sciences*. 2018, 8(12): 2494.
157. R. C. Hsu, C. T. Liu, D. Y. Chan. A reinforcement-learning-based assisted power management with QoR provisioning for human–electric hybrid bicycle. *IEEE transactions on industrial electronics*. 2011, 59(8): 3350-3359.
158. Y. Hu, W. Li, K. Xu, et al. Energy management strategy for a hybrid electric vehicle based on deep reinforcement learning. *Applied Sciences*. 2018, 8(2): 187.
159. Z. Kong, Y. Zou, T. Liu. Implementation of real-time energy management strategy based on reinforcement learning for hybrid electric vehicles and simulation validation. *PloS one*. 2017, 12(7): e0180491.
160. Y. Li, H. He, J. Peng, et al. Energy management strategy for a series hybrid electric vehicle using improved deep Q-network learning algorithm with prioritized replay. *DEStech Transactions on Environment*. 2018, 978(1): 1-6.
161. Y. Li, H. He, J. Peng, et al. Power management for a plug-in hybrid electric vehicle based on reinforcement learning with continuous state and action spaces. *Energy Procedia*. 2017, 142: 2270-2275.
162. T. Liu, G. Du, Y. Zou, et al. Fast learning-based control for energy management of hybrid electric vehicles. *IFAC-PapersOnLine*. 2018, 51(31): 595-600.
163. T. Liu, X. Hu. A bi-level control for energy efficiency improvement of a hybrid tracked vehicle. *IEEE Transactions on Industrial Informatics*. 2018, 14(4): 1616-1625.
164. T. Liu, X. Hu, S. E. Li, et al. Reinforcement learning optimized look-ahead energy management of a parallel hybrid electric vehicle. *IEEE/ASME transactions on mechatronics*. 2017, 22(4): 1497-1507.
165. T. Liu, B. Wang, C. Yang. Online Markov Chain-based energy management for a hybrid tracked vehicle with speedy Q-learning. *Energy*. 2018, 160: 544-555.
166. T. Liu, Y. Zou, D. Liu, et al. Reinforcement learning of adaptive energy management with transition probability for a hybrid electric tracked vehicle. *IEEE Transactions on Industrial Electronics*. 2015, 62(12): 7837-7846.
167. T. Liu, Y. Zou, D. Liu, et al. Reinforcement learning–based energy management strategy for a hybrid electric tracked vehicle. *Energies*. 2015, 8(7): 7243-7260.
168. X. Qi, G. Wu, K. Boriboonsomsin, et al. Data-driven reinforcement learning–based real-time energy management system for plug-in hybrid electric vehicles. *Transportation Research Record*. 2016, 2572(1): 1-8.
169. J. Wu, H. He, J. Peng, et al. Continuous reinforcement learning of energy management with deep Q network for a power split hybrid electric bus. *Applied energy*. 2018, 222: 799-811.
170. R. Xiong, J. Cao, Q. Yu. Reinforcement learning-based real-time power management for hybrid energy storage system in the plug-in hybrid electric vehicle. *Applied energy*. 2018, 211: 538-548.
171. J. Yuan, L. Yang, Q. Chen. Intelligent energy management strategy based on hierarchical approximate global optimization for plug-in fuel cell hybrid electric vehicles. *International Journal of Hydrogen Energy*. 2018, 43(16): 8063-8078.
172. Y. Zou, T. Liu, D. Liu, et al. Reinforcement learning-based real-time energy management for a hybrid tracked vehicle. *Applied energy*. 2016, 171: 372-382.
173. G. Du, Y. Zou, X. Zhang, et al. Intelligent energy management for hybrid electric tracked vehicles using online reinforcement learning. *Applied Energy*. 2019, 251: 113388.
174. X. Han, H. He, J. Wu, et al. Energy management based on reinforcement learning with double deep Q-learning for a hybrid electric tracked vehicle. *Applied Energy*. 2019, 254: 113708.
175. Y. Li, H. He, A. Khajepour, et al. Energy management for a power-split hybrid electric bus via deep reinforcement learning with terrain information. *Applied Energy*. 2019, 255: 113762.
176. T. Liu, X. Hu, W. Hu, et al. A heuristic planning reinforcement learning-based energy management for power-split plug-in hybrid electric vehicles. *IEEE Transactions on Industrial Informatics*. 2019, 15(12): 6436-6445.
177. X. Qi, Y. Luo, G. Wu, et al. Deep reinforcement learning enabled self-learning control for energy efficient driving. *Transportation Research Part C: Emerging Technologies*. 2019, 99: 67-81.
178. H. Tan, H. Zhang, J. Peng, et al. Energy management of hybrid electric bus based on deep reinforcement learning in continuous state and action space. *Energy Conversion and Management*. 2019, 195: 548-560.
179. Y. Yin, Y. Ran, L. Zhang, et al. An energy management strategy for a super-mild hybrid electric vehicle based on a known model of reinforcement learning. *Journal of Control Science and Engineering*. 2019.
180. G. Du, Y. Zou, X. Zhang, et al. Deep reinforcement learning based energy management for a hybrid electric vehicle. *Energy*. 2020, 201: 117591.
181. H. Guo, F. Zhao, H. Guo, et al. Self‐learning energy management for plug‐in hybrid electric bus considering expert experience and generalization performance. *International Journal of Energy Research*. 2020, 44(7): 5659-5674.
182. X. Guo, T. Liu, B. Tang, et al. Transfer deep reinforcement learning-enabled energy management strategy for hybrid tracked vehicle. *IEEE Access*. 2020, 8: 165837-165848.
183. H. Lee, C. Kang, Y. I. Park, et al. Online data-driven energy management of a hybrid electric vehicle using model-based Q-learning. *IEEE Access*. 2020, 8: 84444-84454.
184. H. Lee, C. Song, N. Kim, et al. Comparative analysis of energy management strategies for HEV: Dynamic programming and reinforcement learning. *IEEE Access*. 2020, 8: 67112-67123.
185. R. Lian, J. Peng, Y. Wu, et al. Rule-interposing deep reinforcement learning based energy management strategy for power-split hybrid electric vehicle. *Energy*. 2020, 197: 117297.
186. R. Lian, H. Tan, J. Peng, et al. Cross-type transfer for deep reinforcement learning based hybrid electric vehicle energy management. *IEEE Transactions on Vehicular Technology*. 2020, 69(8): 8367-8380.
187. C. Liu, Y. L. Murphey. Optimal power management based on Q-learning and neuro-dynamic programming for plug-in hybrid electric vehicles. *IEEE transactions on neural networks and learning systems*. 2019, 31(6): 1942-1954.
188. B. Xu, X. Hu, X. Tang, et al. Ensemble reinforcement learning-based supervisory control of hybrid electric vehicle for fuel economy improvement. *IEEE Transactions on Transportation Electrification*. 2020, 6(2): 717-727.
189. B. Xu, D. Rathod, D. Zhang, et al. Parametric study on reinforcement learning optimized energy management strategy for a hybrid electric vehicle. *Applied Energy*. 2020, 259: 114200.
190. G. Du, Y. Zou, X. Zhang, et al. Heuristic energy management strategy of hybrid electric vehicle based on deep reinforcement learning with accelerated gradient optimization. *IEEE Transactions on Transportation Electrification*. 2021, 7(4): 2194-2208.
191. H. Lee, S. W. Cha. Energy management strategy of fuel cell electric vehicles using model-based reinforcement learning with data-driven model update. *IEEE Access*. 2021, 9: 59244-59254.
192. H. Lee, S. W. Cha. Reinforcement learning based on equivalent consumption minimization strategy for optimal control of hybrid electric vehicles. *IEEE Access*. 2020, 9: 860-871.
193. W. Lee, H. Jeoung, D. Park, et al. A real-time intelligent energy management strategy for hybrid electric vehicles using reinforcement learning. *IEEE Access*. 2021, 9: 72759-72768.
194. X. Lin, B. Zhou, Y. Xia. Online recursive power management strategy based on the reinforcement learning algorithm with cosine similarity and a forgetting factor. *IEEE Transactions on Industrial Electronics*. 2020, 68(6): 5013-5023.
195. Z. E. Liu, Q. Zhou, Y. Li, et al. An intelligent energy management strategy for hybrid vehicle with irrational actions using twin delayed deep deterministic policy gradient. *IFAC-PapersOnLine*. 2021, 54(10): 546-551.
196. C. Qi, Y. Zhu, C. Song, et al. Self-supervised reinforcement learning-based energy management for a hybrid electric vehicle. *Journal of Power Sources*. 2021, 514: 230584.
197. X. Tang, J. Chen, T. Liu, et al. Distributed deep reinforcement learning-based energy and emission management strategy for hybrid electric vehicles. *IEEE Transactions on Vehicular Technology*. 2021, 70(10): 9922-9934.
198. B. Xu, J. Hou, J. Shi, et al. Learning time reduction using warm-start methods for a reinforcement learning-based supervisory control in hybrid electric vehicle applications. *IEEE Transactions on Transportation Electrification*. 2020, 7(2): 626-635.
199. N. Yang, L. Han, C. Xiang, et al. Energy management for a hybrid electric vehicle based on blended reinforcement learning with backward focusing and prioritized sweeping. *IEEE Transactions on Vehicular Technology*. 2021, 70(4): 3136-3148.
200. N. Yang, L. Han, C. Xiang, et al. An indirect reinforcement learning based real-time energy management strategy via high-order Markov chain model for a hybrid electric vehicle. *Energy*. 2021, 236: 121337.
201. H. Zhang, J. Peng, H. Tan, et al. A deep reinforcement learning-based energy management framework with lagrangian relaxation for plug-in hybrid electric vehicle. *IEEE Transactions on Transportation Electrification*. 2020, 7(3): 1146-1160.
202. J. Zhang, X. Jiao, C. Yang. A double‐deep Q‐network‐based energy management strategy for hybrid electric vehicles under variable driving cycles. *Energy Technology*. 2021, 9(2): 2000770.
203. J. Zhou, S. Xue, Y. Xue, et al. A novel energy management strategy of hybrid electric vehicle via an improved TD3 deep reinforcement learning. *Energy*. 2021, 224: 120118.
204. Q. Zhou, D. Zhao, B. Shuai, et al. Knowledge implementation and transfer with an adaptive learning network for real-time power management of the plug-in hybrid vehicle. *IEEE Transactions on Neural Networks and Learning Systems*. 2021, 32(12): 5298-5308.
205. R. Zou, L. Fan, Y. Dong, et al. DQL energy management: An online-updated algorithm and its application in fix-line hybrid electric vehicle. *Energy*. 2021, 225: 120174.
206. A. Biswas, P. G. Anselma, A. Emadi. Real-time optimal energy management of multimode hybrid electric powertrain with online trainable asynchronous advantage actor–critic algorithm. *IEEE Transactions on Transportation Electrification*. 2021, 8(2): 2676-2694.
207. G. Du, Y. Zou, X. Zhang, et al. Energy management for a hybrid electric vehicle based on prioritized deep reinforcement learning framework. *Energy*. 2022, 241: 122523.
208. B. Hu, J. Li. A deployment-efficient energy management strategy for connected hybrid electric vehicle based on offline reinforcement learning. *IEEE Transactions on Industrial Electronics*. 2021, 69(9): 9644-9654.
209. B. Hu, J. Li. An adaptive hierarchical energy management strategy for hybrid electric vehicles combining heuristic domain knowledge and data-driven deep reinforcement learning. *IEEE Transactions on Transportation Electrification*. 2021, 8(3): 3275-3288.
210. T. Li, W. Cui, N. Cui. Soft actor-critic algorithm-based energy management strategy for plug-in hybrid electric vehicle. *World Electric Vehicle Journal*. 2022, 13(10): 193.
211. W. Li, J. Ye, Y. Cui, et al. A speedy reinforcement learning-based energy management strategy for fuel cell hybrid vehicles considering fuel cell system lifetime. *International Journal of Precision Engineering and Manufacturing-Green Technology*. 2021: 1-14.
212. X. Lin, K. Zhou, L. Mo, et al. Intelligent energy management strategy based on an improved reinforcement learning algorithm with exploration factor for a plug-in PHEV. *IEEE Transactions on Intelligent Transportation Systems*. 2021, 23(7): 8725-8735.
213. H. Lv, C. Qi, C. Song, et al. Energy management of hybrid electric vehicles based on inverse reinforcement learning. *Energy Reports*. 2022, 8: 5215-5224.
214. C. Maino, A. Mastropietro, L. Sorrentino, et al. Project and Development of a Reinforcement Learning Based Control Algorithm for Hybrid Electric Vehicles. *Applied sciences*. 2022, 12(2): 812.
215. C. Qi, C. Song, F. Xiao, et al. Generalization ability of hybrid electric vehicle energy management strategy based on reinforcement learning method. *Energy*. 2022, 250: 123826.
216. C. Qi, Y. Zhu, C. Song, et al. Hierarchical reinforcement learning based energy management strategy for hybrid electric vehicle. *Energy*. 2022, 238: 121703.
217. M. Sun, P. Zhao, X. Lin. Power management in hybrid electric vehicles using deep recurrent reinforcement learning. *Electrical Engineering*. 2022: 1-13.
218. W. Sun, Y. Zou, X. Zhang, et al. High robustness energy management strategy of hybrid electric vehicle based on improved soft actor-critic deep reinforcement learning. *Energy*. 2022: 124806.
219. X. Tang, J. Chen, H. Pu, et al. Double deep reinforcement learning-based energy management for a parallel hybrid electric vehicle with engine start–stop strategy. *IEEE Transactions on Transportation Electrification*. 2021, 8(1): 1376-1388.
220. K. Wang, R. Yang, Y. Zhou, et al. Design and Improvement of SD3-Based Energy Management Strategy for a Hybrid Electric Urban Bus. *Energies*. 2022, 15(16): 5878.
221. B. Xu, X. Tang, X. Hu, et al. Q-learning-based supervisory control adaptability investigation for hybrid electric vehicles. *IEEE Transactions on Intelligent Transportation Systems*. 2021, 23(7): 6797-6806.
222. J. Xu, Z. Li, G. Du, et al. A transferable energy management strategy for hybrid electric vehicles via dueling deep deterministic policy gradient. *Green Energy and Intelligent Transportation*. 2022, 1(2): 100018.
223. N. Yang, L. Han, C. Xiang, et al. Real-time energy management for a hybrid electric vehicle based on heuristic search. *IEEE Transactions on Vehicular Technology*. 2022, 71(12): 12635-12647.
224. B. Zhang, Y. Zou, X. Zhang, et al. Online updating energy management strategy based on deep reinforcement learning with accelerated training for hybrid electric tracked vehicles. *IEEE Transactions on Transportation Electrification*. 2022, 8(3): 3289-3306.
225. J. Zhou, Y. Xue, D. Xu, et al. Self-learning energy management strategy for hybrid electric vehicle via curiosity-inspired asynchronous deep reinforcement learning. *Energy*. 2022, 242: 122548.
226. J. Zhou, J. Zhao, L. Wang. An Energy Management Strategy of Power-Split Hybrid Electric Vehicles Using Reinforcement Learning. *Mobile Information Systems*. 2022.
227. M. Acquarone, C. Maino, D. Misul, et al. Influence of the Reward Function on the Selection of Reinforcement Learning Agents for Hybrid Electric Vehicles Real-Time Control. *Energies*. 2023, 16(6): 2749.
228. L. Bo, L. Han, C. Xiang, et al. A real-time energy management strategy for off-road hybrid electric vehicles based on the expected SARSA. *Proceedings of the Institution of Mechanical Engineers*. 2023, 237(2-3): 362-380.
229. L. Guo, Z. Li, R. Outbib, et al. Function approximation reinforcement learning of energy management with the fuzzy REINFORCE for fuel cell hybrid electric vehicles. *Energy and AI*. 2023, 13: 100246.
230. B. Hu, Y. Xiao, S. Zhang, et al. A data-driven solution for energy management strategy of hybrid electric vehicles based on uncertainty-aware model-based offline reinforcement learning. *IEEE Transactions on Industrial Informatics*. 2022.
231. B. Hu, S. Zhang, B. Liu. A hybrid algorithm combining data-driven and simulation-based reinforcement learning approaches to energy management of hybrid electric vehicles. *IEEE Transactions on Transportation Electrification*. 2023.
232. D. Hu, H. Xie, K. Song, et al. An apprenticeship-reinforcement learning scheme based on expert demonstrations for energy management strategy of hybrid electric vehicles. *Applied Energy*. 2023, 342: 121227.
233. Y. Hu, H. Xu, Z. Jiang, et al. Supplementary Learning Control for Energy Management Strategy of Hybrid Electric Vehicles at Scale. *IEEE Transactions on Vehicular Technology*. 2023.
234. M. Hua, C. Zhang, F. Zhang, et al. Energy Management of Multi-mode Plug-in Hybrid Electric Vehicle using Multi-agent Deep Reinforcement Learning. arXiv preprint arXiv:2303. 09658, 2023.
235. R. Huang, H. He. A novel data-driven energy management strategy for fuel cell hybrid electric bus based on improved twin delayed deep deterministic policy gradient algorithm. *International Journal of Hydrogen Energy*. 2023.
236. Y. Huang, H. Hu, J. Tan, et al. Deep reinforcement learning based energy management strategy for range extend fuel cell hybrid electric vehicle. *Energy Conversion and Management*. 2023, 277: 116678.
237. K. Li, C. Jia, X. Han, et al. A Novel Minimal-Cost Power Allocation Strategy for Fuel Cell Hybrid Buses Based on Deep Reinforcement Learning Algorithms. *Sustainability*. 2023, 15(10): 7967.
238. Y. Liu, Y. Wu, X. Wang, et al. Energy management for hybrid electric vehicles based on imitation reinforcement learning. *Energy*. 2023, 263: 125890.
239. Z. E. Liu, Q. Zhou, Y. Li, et al. Safe Deep Reinforcement Learning-based Constrained Optimal Control Scheme for HEV Energy Management. *IEEE Transactions on Transportation Electrification*. 2023.
240. A. Mousa. Extended-deep Q-network: A functional reinforcement learning-based energy management strategy for plug-in hybrid electric vehicles. *Engineering Science and Technology*. 2023, 43: 101434.
241. J. Ruan, C. Wu, Z. Liang, et al. The application of machine learning-based energy management strategy in a multi-mode plug-in hybrid electric vehicle, part II: Deep deterministic policy gradient algorithm design for electric mode. *Energy*. 2023, 269: 126792.
242. H. Wang, Y. Ye, J. Zhang, et al. A comparative study of 13 deep reinforcement learning based energy management methods for a hybrid electric vehicle. *Energy*. 2023, 266: 126497.
243. C. Wu, J. Ruan, H. Cui, et al. The application of machine learning based energy management strategy in multi-mode plug-in hybrid electric vehicle, part I: Twin Delayed Deep Deterministic Policy Gradient algorithm design for hybrid mode. *Energy*. 2023, 262: 125084.
244. F. Yan, J. Wang, C. Du, et al. Multi-objective energy management strategy for hybrid electric vehicles based on TD3 with non-parametric reward function. *Energies*. 2023, 16(1): 74.
245. N. Yang, L. Han, R. Liu, et al. Multi-objective intelligent energy management for hybrid electric vehicles based on multi-agent reinforcement learning. *IEEE Transactions on Transportation Electrification*. 2023.
246. N. Yang, L. Han, X. Zhou, et al. Online-Learning Adaptive Energy Management for Hybrid Electric Vehicles in Various Driving Scenarios Based on Dyna Framework. *IEEE Transactions on Transportation Electrification*. 2023.
247. Q. Zhou, J. Li, B. Shuai, et al. Multi-step reinforcement learning for model-free predictive energy management of an electrified off-highway vehicle. *Applied Energy*. 2019, 255: 113755.
248. A. Lahyani, R. Abdelhedi, A. C. Ammari, et al. Reinforcement learning based adaptive power sharing of battery/supercapacitors hybrid storage in electric vehicles. *Energy Sources*. 2020: 1-22.
249. H. Sun, Z. Fu, F. Tao, et al. Data-driven reinforcement-learning-based hierarchical energy management strategy for fuel cell/battery/ultracapacitor hybrid electric vehicles. *Journal of Power Sources*. 2020, 455: 227964.
250. Y. F. Zhou, L. J. Huang, X. X. Sun, et al. A Long‐term Energy Management Strategy for Fuel Cell Electric Vehicles Using Reinforcement Learning. *Fuel Cells*. 2020, 20(6): 753-761.
251. W. Li, H. Cui, T. Nemeth, et al. Deep reinforcement learning-based energy management of hybrid battery systems in electric vehicles. *Journal of Energy Storage*. 2021, 36: 102355.
252. J. Wu, Z. Wei, W. Li, et al. Battery thermal-and health-constrained energy management for hybrid electric bus based on soft actor-critic DRL algorithm. *IEEE Transactions on Industrial Informatics*. 2020, 17(6): 3751-3761.
253. B. Xu, J. Shi, S. Li, et al. Energy consumption and battery aging minimization using a Q-learning strategy for a battery/ultracapacitor electric vehicle. *Energy*. 2021, 229: 120705.
254. Z. Yang, F. Zhu, F. Lin. Deep-reinforcement-learning-based energy management strategy for supercapacitor energy storage systems in urban rail transit. *IEEE Transactions on Intelligent Transportation Systems*. 2020, 22(2): 1150-1160.
255. H. Zhang, Q. Fan, S. Liu, et al. Hierarchical energy management strategy for plug-in hybrid electric powertrain integrated with dual-mode combustion engine. *Applied Energy*. 2021, 304: 117869.
256. Y. Cheng, G. Xu, Q. Chen. Research on Energy Management Strategy of Electric Vehicle Hybrid System Based on Reinforcement Learning. *Electronics*. 2022, 11(13): 1933.
257. K. Deng, Y. Liu, D. Hai, et al. Deep reinforcement learning based energy management strategy of fuel cell hybrid railway vehicles considering fuel cell aging. *Energy Conversion and Management*. 2022, 251: 115030.
258. Z. Fu, H. Wang, F. Tao, et al. Energy management strategy for fuel cell/battery/ultracapacitor hybrid electric vehicles using deep reinforcement learning with action trimming. *IEEE Transactions on Vehicular Technology*. 2022, 71(7): 7171-7185.
259. X. Guo, X. Yan, Z. Chen, et al. Research on energy management strategy of heavy-duty fuel cell hybrid vehicles based on dueling-double-deep Q-network. *Energy*. 2022, 260: 125095.
260. L. Han, K. Yang, T. Ma, et al. Battery life constrained real-time energy management strategy for hybrid electric vehicles based on reinforcement learning. *Energy*. 2022, 259: 124986.
261. I. Haskara, B. Hegde, C. F. Chang. Reinforcement learning based EV energy management for integrated traction and cabin thermal management considering battery aging. *IFAC-PapersOnLine*. 2022, 55(24): 348-353.
262. H. Hu, C. Lu, J. Tan, et al. Effective energy management strategy based on deep reinforcement learning for fuel cell hybrid vehicle considering multiple performance of integrated energy system. *International Journal of Energy Research*. 2022, 46(15): 24254-24272.
263. J. Li, H. Wang, H. He, et al. Battery optimal sizing under a synergistic framework with DQN-based power managements for the fuel cell hybrid powertrain. *IEEE Transactions on Transportation Electrification*. 2021, 8(1): 36-47.
264. W. Shi, Y. Huangfu, L. Xu, et al. Online energy management strategy considering fuel cell fault for multi-stack fuel cell hybrid vehicle based on multi-agent reinforcement learning. *Applied Energy*. 2022, 328: 120234.
265. X. Tang, H. Zhou, F. Wang, et al. Longevity-conscious energy management strategy of fuel cell hybrid electric Vehicle Based on deep reinforcement learning. *Energy*. 2022, 238: 121593.
266. X. Wang, R. Wang, G. Q. Shu, et al. Energy management strategy for hybrid electric vehicle integrated with waste heat recovery system based on deep reinforcement learning. *Science China Technological Sciences*. 2022, 65(3): 713-725.
267. B. Xiao, W. Yang, J. Wu, et al. Energy management strategy via maximum entropy reinforcement learning for an extended range logistics vehicle. *Energy*. 2022, 253: 124105.
268. B. Xu, Q. Zhou, J. Shi, et al. Hierarchical Q-learning network for online simultaneous optimization of energy efficiency and battery life of the battery/ultracapacitor electric vehicle. *Journal of Energy Storage*. 2022, 46: 103925.
269. D. Xu, Y. Cui, J. Ye, et al. A soft actor-critic-based energy management strategy for electric vehicles with hybrid energy storage systems. *Journal of Power Sources*. 2022, 524: 231099.
270. H. Zhang, S. Liu, N. Lei, et al. Learning-based supervisory control of dual mode engine-based hybrid electric vehicle with reliance on multivariate trip information. *Energy Conversion and Management*. 2022, 257: 115450.
271. W. Zhang, J. Wang, Z. Xu, et al. A generalized energy management framework for hybrid construction vehicles via model-based reinforcement learning. *Energy*. 2022, 260: 124849.
272. Y. Zhang, C. Zhang, R. Fan, et al. Twin delayed deep deterministic policy gradient-based deep reinforcement learning for energy management of fuel cell vehicle integrating durability information of powertrain. *Energy Conversion and Management*. 2022, 274: 116454.
273. C. Zheng, W. Li, W. Li, et al. A deep reinforcement learning-based energy management strategy for fuel cell hybrid buses. *International Journal of Precision Engineering and Manufacturing-Green Technology*. 2022, 9(3): 885-897.
274. C. Zheng, D. Zhang, Y. Xiao, et al. Reinforcement learning-based energy management strategies of fuel cell hybrid vehicles with multi-objective control. *Journal of Power Sources*. 2022, 543: 231841.
275. S. Ahmadian, M. Tahmasbi, R. Abedi. Q-learning based control for energy management of series-parallel hybrid vehicles with balanced fuel consumption and battery life. *Energy and AI*. 2023, 11: 100217.
276. W. Chen, J. Peng, J. Chen, et al. Health-considered energy management strategy for fuel cell hybrid electric vehicle based on improved soft actor critic algorithm adopted with Beta policy. *Energy Conversion and Management*. 2023, 292: 117362.
277. H. Cui, J. Ruan, C. Wu, et al. Advanced deep deterministic policy gradient based energy management strategy design for dual-motor four-wheel-drive electric vehicle. *Mechanism and Machine Theory*. 2023, 179: 105119.
278. L. Deng, S. Li, X. Tang, et al. Battery thermal-and cabin comfort-aware collaborative energy management for plug-in fuel cell electric vehicles based on the soft actor-critic algorithm. *Energy Conversion and Management*. 2023, 283: 116889.
279. R. Han, R. Lian, H. He, et al. Continuous reinforcement learning based energy management strategy for hybrid electric tracked vehicles. *IEEE Journal of Emerging and Selected Topics in Power Electronics*. 2021.
280. J. Hong, T. Zhang, Z. Zhang, et al. Investigation of energy management strategy for a novel electric-hydraulic hybrid vehicle: Self-adaptive electric-hydraulic ratio. *Energy*. 2023, 278: 127582.
281. H. Hu, W. W. Yuan, M. Su, et al. Optimizing fuel economy and durability of hybrid fuel cell electric vehicles using deep reinforcement learning-based energy management systems. *Energy Conversion and Management*. 2023, 291: 117288.
282. R. Huang, H. He, M. Gao. Training-efficient and cost-optimal energy management for fuel cell hybrid electric bus based on a novel distributed deep reinforcement learning framework. *Applied Energy*. 2023, 346: 121358.
283. R. Huang, H. He, X. Zhao, et al. Longevity-aware energy management for fuel cell hybrid electric bus based on a novel proximal policy optimization deep reinforcement learning framework. *Journal of Power Sources*. 2023, 561: 232717.
284. C. Jia, K. Li, H. He, et al. Health-aware energy management strategy for fuel cell hybrid bus considering air-conditioning control based on TD3 algorithm. *Energy*. 2023, 283: 128462.
285. H. Lu, F. Tao, Z. Fu, et al. Battery-degradation-involved energy management strategy based on deep reinforcement learning for fuel cell/battery/ultracapacitor hybrid electric vehicle. *Electric Power Systems Research*. 2023, 220: 109235.
286. F. Tao, H. Gong, Z. Fu, et al. Terrain information-involved power allocation optimization for fuel cell/battery/ultracapacitor hybrid electric vehicles via an improved deep reinforcement learning. *Engineering Applications of Artificial Intelligence*. 2023, 125: 106685.
287. C. Wang, R. Liu, A. Tang, et al. A reinforcement learning‐based energy management strategy for a battery–ultracapacitor electric vehicle considering temperature effects. *International Journal of Circuit Theory and Applications*. 2023.
288. Z. Wei, Y. Ma, N. Yang, et al. Reinforcement learning based power management integrating economic rotational speed of turboshaft engine and safety constraints of battery for hybrid electric power system. *Energy*. 2023, 263: 125752.
289. Y. Ye, J. Zhang, S. Pilla, et al. Application of a new type of lithium‑sulfur battery and reinforcement learning in plug-in hybrid electric vehicle energy management. *Journal of Energy Storage*. 2023, 59: 106546.
290. C. Zhang, T. Li, W. Cui, et al. Proximal Policy Optimization Based Intelligent Energy Management for Plug-In Hybrid Electric Bus Considering Battery Thermal Characteristic. *World Electric Vehicle Journal*. 2023, 14(2): 47.
291. D. Zhang, S. Li, Z. Deng, et al. Lithium-Plating Suppressed and Deep Deterministic Policy Gradient Based Energy Management Strategy. *IEEE Transactions on Transportation Electrification*. 2023.
292. Z. Zhang, T. Zhang, J. Hong, et al. Energy management strategy of a novel parallel electric-hydraulic hybrid electric vehicle based on deep reinforcement learning and entropy evaluation. *Journal of Cleaner Production*. 2023, 403: 136800.
293. Z. Zhang, T. Zhang, J. Hong, et al. Double deep Q-network guided energy management strategy of a novel electric-hydraulic hybrid electric vehicle. *Energy*. 2023, 269: 126858.
294. H. Q. Guo, G. Wei, F. Wang, et al. Self-learning enhanced energy management for plug-in hybrid electric bus with a target preview based SOC plan method. *IEEE Access*. 2019, 7: 103153-103166.
295. Y. Li, H. He, J. Peng, et al. Deep reinforcement learning-based energy management for a series hybrid electric vehicle enabled by history cumulative trip information. *IEEE Transactions on Vehicular Technology*. 2019, 68(8): 7416-7430.
296. J. Wu, Y. Zou, X. Zhang, et al. An online correction predictive EMS for a hybrid electric tracked vehicle based on dynamic programming and reinforcement learning. *IEEE Access*. 2019, 7: 98252-98266.
297. Y. Wu, H. Tan, J. Peng, et al. Deep reinforcement learning of energy management with continuous control strategy and traffic information for a series-parallel plug-in hybrid electric bus. *Applied energy*. 2019, 247: 454-466.
298. Z. Chen, C. C. Mi, B. Xia, et al. Energy management of power-split plug-in hybrid electric vehicles based on simulated annealing and Pontryagin's minimum principle. *Journal of Power Sources*. 2014, 272: 160-168.
299. T. Liu, B. Tian, Y. Ai, et al. Parallel reinforcement learning-based energy efficiency improvement for a cyber-physical system. *IEEE/CAA Journal of Automatica Sinica*. 2020, 7(2): 617-626.
300. H. Zhang, J. Peng, H. Tan, et al. Tackling SOC long-term dynamic for energy management of hybrid electric buses via adaptive policy optimization. *Applied energy*. 2020, 269: 115031.
301. Q. Zhang, K. Wu, Y. Shi. Route planning and power management for PHEVs with reinforcement learning. *IEEE Transactions on Vehicular Technology*. 2020, 69(5): 4751-4762.
302. J. Cao, H. He, D. Wei. Intelligent SOC-consumption allocation of commercial plug-in hybrid electric vehicles in variable scenario. *Applied Energy*. 2021, 281: 115942.
303. H. He, Y. Wang, J. Li, et al. An improved energy management strategy for hybrid electric vehicles integrating multistates of vehicle-traffic information. *IEEE Transactions on Transportation Electrification*. 2021, 7(3): 1161-1172.
304. W. He, Y. Huang. Real-time energy optimization of hybrid electric vehicle in connected environment based on deep reinforcement learning. *IFAC-PapersOnLine*. 2021, 54(10): 176-181.
305. B. Hu, J. Li. An edge computing framework for powertrain control system optimization of intelligent and connected vehicles based on curiosity-driven deep reinforcement learning. *IEEE Transactions on Industrial Electronics*. 2020, 68(8): 7652-7661.
306. J. Li, X. Wu, S. Hu, et al. A deep reinforcement learning based energy management strategy for hybrid electric vehicles in connected traffic environment. *IFAC-PapersOnLine*. 2021, 54(10): 150-156.
307. W. Li, H. Cui, T. Nemeth, et al. Cloud-based health-conscious energy management of hybrid battery systems in electric vehicles with deep reinforcement learning. *Applied Energy*. 2021, 293: 116977.
308. Y. Wang, H. Tan, Y. Wu, et al. Hybrid electric vehicle energy management with computer vision and deep reinforcement learning. *IEEE Transactions on Industrial Informatics*. 2020, 17(6): 3857-3868.
309. C. Chang, W. Zhao, C. Wang, et al. A Novel Energy Management Strategy Integrating Deep Reinforcement Learning and Rule Based on Condition Identification. *IEEE Transactions on Vehicular Technology*. 2022, 72(2): 1674-1688.
310. J. Chen, H. Shu, X. Tang, et al. Deep reinforcement learning-based multi-objective control of hybrid power system combined with road recognition under time-varying environment. *Energy*. 2022, 239: 122123.
311. Z. Fang, Z. Chen, Q. Yu, et al. Online power management strategy for plug-in hybrid electric vehicles based on deep reinforcement learning and driving cycle reconstruction. *Green Energy and Intelligent Transportation*. 2022, 1(2): 100016.
312. W. Han, X. Chu, S. Shi, et al. Practical Application-Oriented Energy Management for a Plug-In Hybrid Electric Bus Using a Dynamic SOC Design Zone Plan Method. *Processes*. 2022, 10(6): 1080.
313. H. He, R. Huang, X. Meng, et al. A novel hierarchical predictive energy management strategy for plug-in hybrid electric bus combined with deep deterministic policy gradient. *Journal of Energy Storage*. 2022, 52: 104787.
314. D. Hu, Y. Zhang. Deep reinforcement learning based on driver experience embedding for energy management strategies in hybrid electric vehicles. *Energy Technology*. 2022, 10(6): 2200123.
315. R. Huang, H. He, X. Zhao, et al. Battery health-aware and naturalistic data-driven energy management for hybrid electric bus based on TD3 deep reinforcement learning algorithm. *Applied Energy*. 2022, 321: 119353.
316. D. Kim, S. Hong, S. Cui, et al. Deep Reinforcement Learning-Based Real-Time Joint Optimal Power Split for Battery–Ultracapacitor–Fuel Cell Hybrid Electric Vehicles. *Electronics*. 2022, 11(12): 1850.
317. Y. Lin, J. McPhee, N. L. Azad. Co-Optimization of On-Ramp Merging and Plug-In Hybrid Electric Vehicle Power Split Using Deep Reinforcement Learning. *IEEE Transactions on Vehicular Technology*. 2022, 71(7): 6958-6968.
318. X. Tang, J. Chen, K. Yang, et al. Visual detection and deep reinforcement learning-based car following and energy management for hybrid electric vehicles. *IEEE Transactions on Transportation Electrification*. 2022, 8(2): 2501-2515.
319. X. Tang, J. Zhang, D. Pi, et al. Battery health-aware and deep reinforcement learning-based energy management for naturalistic data-driven driving scenarios. *IEEE transactions on transportation electrification*. 2021, 8(1): 948-964.
320. M. Yan, G. Li, M. Li, et al. Hierarchical predictive energy management of fuel cell buses with launch control integrating traffic information. *Energy Conversion and Management*. 2022, 256: 115397.
321. D. Yang, L. Wang, K. Yu, et al. A reinforcement learning-based energy management strategy for fuel cell hybrid vehicle considering real-time velocity prediction. *Energy Conversion and Management*. 2022, 274: 116453.
322. J. Chen, S. Li, K. Yang, et al. Deep Reinforcement Learning-based Integrated Control of Hybrid Electric Vehicles Driven by Lane-Level High Definition Map. *IEEE Transactions on Transportation Electrification*. 2023.
323. Z. Chen, S. Wu, S. Shen, et al. Co-optimization of velocity planning and energy management for autonomous plug-in hybrid electric vehicles in urban driving scenarios. *Energy*. 2023, 263: 126060.
324. N. Cui, W. Cui, Y. Shi. Deep reinforcement learning based PHEV energy management with co-recognition for traffic condition and driving style. *IEEE Transactions on Intelligent Vehicles*. 2023.
325. J. Guo, J. Wang, Q. Xu, et al. Deep Reinforcement Learning-based Hierarchical Energy Control Strategy of a Platoon of Connected Hybrid Electric Vehicles through Cloud Platform. *IEEE Transactions on Transportation Electrification*. 2023.
326. R. Huang, H. He. Naturalistic data-driven and emission reduction-conscious energy management for hybrid electric vehicle based on improved soft actor-critic algorithm. *Journal of Power Sources*. 2023, 559: 232648.
327. R. Liu, C. Wang, A. Tang, et al. A twin delayed deep deterministic policy gradient-based energy management strategy for a battery-ultracapacitor electric vehicle considering driving condition recognition with learning vector quantization neural network. *Journal of Energy Storage*. 2023, 71: 108147.
328. X. Liu, Y. Wang, K. Zhang, et al. Energy Management Strategy Based on Deep Reinforcement Learning and Speed Prediction for Power‐Split Hybrid Electric Vehicle with Multidimensional Continuous Control. *Energy Technology*. 2023, 11(8): 2300231.
329. P. Mei, H. R. Karimi, H. Xie, et al. A deep reinforcement learning approach to energy management control with connected information for hybrid electric vehicles. *Engineering Applications of Artificial Intelligence*. 2023, 123: 106239.
330. J. Peng, W. Chen, Y. Fan, et al. Ecological Driving Framework of Hybrid Electric Vehicle Based on Heterogeneous Multi Agent Deep Reinforcement Learning. *IEEE Transactions on Transportation Electrification*. 2023.
331. J. Peng, Y. Fan, G. Yin, et al. Collaborative optimization of energy management strategy and adaptive cruise control based on deep reinforcement learning. *IEEE Transactions on Transportation Electrification*. 2022, 9(1): 34-44.
332. H. Sun, F. Tao, Z. Fu, et al. Driving-behavior-aware optimal energy management strategy for multi-source fuel cell hybrid electric vehicles based on adaptive soft deep-reinforcement learning. *IEEE Transactions on Intelligent Transportation Systems*. 2023, 24(4): 4127-4146.
333. Y. Wang, W. Li, Z. Liu, et al. An Energy Management Strategy for Hybrid Energy Storage System Based on Reinforcement Learning. *World Electric Vehicle Journal*. 2023, 14(3): 57.
334. Y. Wang, Y. Wu, Y. Tang, et al. Cooperative energy management and eco-driving of plug-in hybrid electric vehicle via multi-agent reinforcement learning. *Applied Energy*. 2023, 332: 120563.
335. X. Wu, J. Li, C. Su, et al. A Deep Reinforcement Learning Based Hierarchical Eco-Driving Strategy for Connected and Automated HEVs. *IEEE Transactions on Vehicular Technology*. 2023.
336. N. Yang, S. Ruan, L. Han, et al. Reinforcement learning-based real-time intelligent energy management for hybrid electric vehicles in a model predictive control framework. *Energy*. 2023, 270: 126971.
337. H. Zhang,J. Peng, H. Dong, et al. Hierarchical reinforcement learning based energy management strategy of plug-in hybrid electric vehicle for ecological car-following process. *Applied Energy*. 2023, 333: 120599.
338. K. Zhang, J. Ruan, T. Li, et al. The effects investigation of data-driven fitting cycle and deep deterministic policy gradient algorithm on energy management strategy of dual-motor electric bus. *Energy*. 2023, 269: 126760.
339. K. Yang, B. Li, W. Shao, et al. Prediction failure risk-aware decision-making for autonomous vehicles on signalized intersections. *IEEE Transactions on Intelligent Transportation Systems*. 2023.
340. K. Yang, X. Tang, J. Li, et al. Uncertainties in Onboard Algorithms for Autonomous Vehicles: Challenges, Mitigation, and Perspectives. *IEEE Transactions on Intelligent Transportation Systems*. 2023.
341. K. Yang, X. Tang, S. Qiu, et al. Towards robust decision-making for autonomous driving on highway. *IEEE Transactions on Vehicular Technology*. 2023.