Evolutionary Scheduling Links

Literature (illustrative).

1. Application of Evolutionary Algorithms in Project Management https://link.springer.com/chapter/10.1007/978-3-662-44654-6_33
2. Genetic algorithm based probabilistic model for agile project success in global software development https://www.sciencedirect.com/science/article/pii/S1568494623000169
3. Multi-objective optimization in the agile software project scheduling using decomposition https://dl.acm.org/doi/10.1145/3377929.3398146
4. Evolutionary Algorithm Performance Evaluation in Project Time-Cost Optimization https://www.jsoftcivil.com/article_89544_5a5a9c9adb4a2807ea4b19bfadd0cad7.pdf
5. Reinforcement learning-assisted evolutionary algorithm: A survey and research opportunities https://arxiv.org/abs/2308.13420
6. Evolutionary Algorithms for Parameter Optimization—Thirty Years Later https://scholarlypublications.universiteitleiden.nl/handle/1887/3719875
7. A multi-objective agile project planning model and a comparative meta-heuristic approach https://www.sciencedirect.com/science/article/pii/S0950584922001458
8. Multi-objective optimization for improved project management: Current status and future directions https://www.sciencedirect.com/science/article/pii/S0926580522001297
9. Software project management with GAs https://www.sciencedirect.com/science/article/pii/S0020025507000175
10. Software project rescheduling with genetic algorithms 25, 2009 https://ieeexplore.ieee.org/abstract/document/5376259
11. Dynamic Staffing and Rescheduling in Software Project Management: A Hybrid Approach https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0157104
12. A Hybrid Approach to Quantitative Software Project Scheduling within Agile Frameworks https://journals.sagepub.com/doi/abs/10.1002/pmj.21411
13. Software project planning for robustness and completion time in the presence of uncertainty using multi objective search based software engineering 106, 2009 https://dl.acm.org/doi/abs/10.1145/1569901.1570125

14. Adaptive policies for multi-mode project scheduling under uncertainty 40, 2012https://www.sciencedirect.com/science/article/pii/S0377221711007296

15. Modified multi-objective evolutionary programming algorithm for solving project scheduling problems https://www.sciencedirect.com/science/article/pii/S0957417421007673

16. Multi-objective Dynamic Software Project Scheduling: An Evolutionary Approach for Uncertain Environments 4, 2020 https://etheses.bham.ac.uk/id/eprint/11839/7/Nigar2021PhD.pdf

17. A competitive genetic algorithm for resource-constrained project scheduling 905, 1998 https://www.hsba.de/fileadmin/user_upload/bereiche/_dokumente/6-forschung/profs-publikationen/Hartmann_1998_A_competitive_genetic_algorithm_for_resource-constrained_project_scheduling.pdf

18. Gradual Optimization of University Course Scheduling Problem Using Genetic Algorithm and Dynamic Programming https://www.mdpi.com/1999-4893/18/3/158

19. Meta-heuristic approaches for the university course timetabling problem https://www.sciencedirect.com/science/article/pii/S2667305323000789

20. Development of a new personalized staff-scheduling method with a work-life balance perspective: case of a hospital https://pmc.ncbi.nlm.nih.gov/articles/PMC9972317/

21. Class schedule generation using evolutionary algorithms https://www.researchgate.net/publication/353748967_Class_Schedule_Generation_using_Evolutionary_Algorithms

22. A hybrid genetic algorithm for nurse scheduling problem considering the fatigue factor https://pmc.ncbi.nlm.nih.gov/articles/PMC8034424/

23. An optimized case-based software project effort estimation using genetic algorithm https://www.sciencedirect.com/science/article/pii/S0950584922001975

24. Optimizing multi-mode time-cost-quality trade-off of construction project using opposition multiple objective difference evolution https://www.tandfonline.com/doi/full/10.1080/15623599.2018.1526630#d1e1336

25. Evolutionary algorithms applied to project scheduling problems—a survey of the state-of-the-art 65, 2007 https://www.tandfonline.com/doi/full/10.1080/00207540600800326?needAccess=true#d1e276

26. Evolutionary optimization of model specification searches between project management knowledge and construction engineering performance 21, 2013 https://www.sciencedirect.com/science/article/pii/S0957417413000808

27. Evolutionary Algorithms in Engineering Applications 914, 2013 https://books.google.cz/books?hl=en&lr=&id=g4urCAAAQBAJ&oi=fnd&pg=PA3&dq=evolutionary+algorithms+project+management&ots=sULdhIfbGY&sig=03WggZN64Ye6-KMDyW3z6mYsFqU&redir_esc=y#v=onepage&q=evolutionary%20algorithms%20proj

ect%20management&f=false

28. Optimizing time–cost trade-offs in product development projects with a multi-objective evolutionary algorithm 27, 2016 https://link.springer.com/article/10.1007/s00163-016-0222-7

29. Genetic algorithm-based multi-criteria project portfolio selection 167, 2012 https://link.springer.com/article/10.1007/s10479-010-0819-6

30. A modified shuffled frog-leaping optimization algorithm: applications to project management 300, 2007 https://www.tandfonline.com/doi/abs/10.1080/15732470500254535

31. Time/cost optimization using hybrid evolutionary algorithm in construction project scheduling 182, 2008 https://www.sciencedirect.com/science/article/pii/S0926580508000666

32. Improved evolutionary algorithm design for the project scheduling problem based on runtime analysis 70, 2013 https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6648326

33. A critical chain project scheduling method based on a differential evolution algorithm 73, 2013 https://www.tandfonline.com/doi/full/10.1080/00207543.2013.865091

34. Extraction of decision alternatives in construction management projects: Application and adaptation of NSGA-II and MOPSO 144, 2012 https://www.sciencedirect.com/science/article/pii/S095741741101270X

35. Project scheduling with limited resources using an efficient differential evolution algorithm 20, 2015https://www.sciencedirect.com/science/article/pii/S1018363913000421

36. Project scheduling: A multi-objective evolutionary algorithm that optimizes the effectiveness of human resources and the project makespan 44, 2013 https://www.tandfonline.com/doi/full/10.1080/0305215X.2012.658782#d1e269

37. Optimizing non-unit repetitive project resource and scheduling by evolutionary algorithms 25, 2020 https://link.springer.com/article/10.1007/s12351-019-00544-7

38. Hybridizing a multi-objective simulated annealing algorithm with a multi-objective evolutionary algorithm to solve a multi-objective project scheduling problem 84, 2013 https://www.sciencedirect.com/science/article/pii/S0957417412011827

39. Software project portfolio optimization with advanced multiobjective evolutionary algorithms 93, 2011 https://www.sciencedirect.com/science/article/pii/S156849461000089X

40. Optimizing trade-off between time, cost, and carbon emissions in construction using NSGA-III: an integrated approach for sustainable development https://link.springer.com/article/10.1007/s42107-024-01176-9

41. Development of time–cost trade-off optimization model for construction projects with MOPSO technique https://link.springer.com/article/10.1007/s42107-024-01063-3

42. Time-cost trade-off optimization model for retrofitting planning projects using MOGA https://link.springer.com/article/10.1007/s42107-024-01014-y

43. Quantum-Inspired Genetic Algorithm for Resource-Constrained Project-Scheduling 77, 2021https://ieeexplore.ieee.org/abstract/document/9364969

44. Genetic Algorithms and Their Applications 201, 2023 https://link.springer.com/chapter/10.1007/978-1-4471-7503-2_33

45. An efficient interval many-objective evolutionary algorithm for cloud task scheduling problem under uncertainty https://www.sciencedirect.com/science/article/pii/S0020025521011476?casa_token=-s9yHYJBWM0AAAAA:wyCG8jeNXO6L-1gMJYtWQMAu_8gIJYzqSQAWXjOsgDSekHkH275Pk8odZmkxNThmq3a2rnHfRw

46. A knowledge-guided bi-population evolutionary algorithm for energy-efficient scheduling of distributed flexible job shop problem https://www.sciencedirect.com/science/article/pii/S0952197623016421?casa_token=rG-gMr3HW8oAAAAA:3Hl-QoHwWcftvAYs0iC89umF3NoalMF70PFJFDGU4Q0ip9OmBzqueMa6KlDZNRHCJP_B3sUCJw

47. An effective collaboration evolutionary algorithm for multi-robot task allocation and scheduling in a smart farm https://www.sciencedirect.com/science/article/pii/S0950705124001096?casa_token=t7kBnj4QMbEAAAAA:Xz9oGETO8FDXPc_8sOHwikIWE7O7WNgIpxl55S4whu9SCPoPEIizB3IyJ-xlz1zD9V6brwIyPg

48. Generalized Model and Deep Reinforcement Learning-Based Evolutionary Method for Multitype Satellite Observation Scheduling 46, 2024https://ieeexplore.ieee.org/abstract/document/10399872

49. Self-adaptive multi-objective evolutionary algorithm for flexible job shop scheduling with fuzzy processing time https://www.sciencedirect.com/science/article/pii/S0360835222001693?casa_token=QUe0cZ060jwAAAAA:X05zGN1HYfGHyGZ_GyXaArsgAMN1NaIMHpKKhRXId32CuM8pEO6vjUuc1ItJPHpsL4bU7Ws6ig

50. Multi-objective evolutionary approach based on K-means clustering for home health care routing and scheduling problem https://www.sciencedirect.com/science/article/pii/S095741742202053X?casa_token=htJapLbvrh0AAAAA:ow8Q2Hb-6QUK2kwJl90OTDR2ePCXjTY4_UxuKEyCF_VAQmkiyM-tyTAuUgUJmANqQmmLUkn5Lw

51. A Q-learning-based hyper-heuristic evolutionary algorithm for the distributed flexible job-shop scheduling problem with crane transportation https://www.sciencedirect.com/science/article/pii/S095741742301552X?casa_token=upOOjU_3NQEAAAAA:_Gl-MdLkIrhmxy1tzqrYLTaRRjotT9nvWkIddW38sqbq076FasVylsmjGpb1y1O6tskFf85kDw

52. A multi-objective mathematical model and evolutionary algorithm for the dual-resource flexible job-shop scheduling problem with sequencing flexibility 130, 2022 https://link.springer.com/article/10.1007/s10696-022-09446-x

53. Solving Multiobjective Fuzzy Job-Shop Scheduling Problem by a Hybrid Adaptive Differential Evolution Algorithm 293, 2022 https://ieeexplore.ieee.org/abstract/document/9751346

54. https://www.sciencedirect.com/science/article/pii/S0952197623016421?casa_token=-8MILRwvwyEAAAAA:uDLwMq-QWYOHR1zPPqAbpUJCRIQpc93_goaf1NS1o7qO4EyH8Ihru6pxb45d1LGQlfzkSnocHQs

55. https://www.learntechlib.org/p/218642/

56. https://www.sciencedirect.com/science/article/pii/S2210650223002390?casa_token=U35d_om9Qn0AAAAA:0rsCFXw0Yc-BbmyIu8u042MHZfDxvn5JHsMryM2KAFiJyt8_zYtv1JkrXyqnMF9QFGuX5l7bZQ

57. https://www.sciencedirect.com/science/article/pii/S0360835222001693?casa_token=qfk_MuPleE4AAAAA:wKiNb2a7yFIL6mJ0l05D7e6q3cAreqONkv6OoXlmWwRwLz6NrPRk6JFzVdHhFurVEPLCP6hR1A

58. https://www.sciencedirect.com/science/article/pii/S2210650222001092?casa_token=S6oc1uH4PF8AAAAA:MgVgPm5KWsnuIOADPi7h7xIiqa_nSn2MsUSqCqkTvGHCY4L0WsrDesR-tojcmUhemCbk-O6VpQ

59. https://www.sciencedirect.com/science/article/pii/S095741742301552X?casa_token=f_MRwOlF4D0AAAAA:fAp7ubBAANEAXXykfXZ2buHgpLlaIk6cl8By-wyVtq8___HtF04TRr8STmeC6o58QbJX1y0COg

60. https://www.sciencedirect.com/science/article/pii/S0736584523000108?casa_token=76lNNNLOjdkAAAAA:Nyvv0yxCTd27JVd7ybsRKfqncwBPDf0z66W6hWkqsMcLshbhyBajCFSNrtLEqPk4EgtpX8wo6A

61. https://www.sciencedirect.com/science/article/pii/S0952197624001325?casa_token=QvIhRO5DPlwAAAAA:OGTmB7_Q8j4TRGSwwpP2CnKauzS5dUrOxeeDK9NqziIlt-kuhq2AuUgmkmheEs0mHt_PnjPUCg

62. https://www.sciencedirect.com/science/article/pii/S1474034624002957?casa_token=DODOcNrtYsAAAAAA:YVL72kmYFo9y1Xu4NhYn04aKBdU_zjKwfNC1Ne5_9HMPqTLgEU35Dm4nNFyoYHDHFM5U7Pr_fg

63. https://www.sciencedirect.com/science/article/pii/S2210650222001092?casa_token=1bQfTn6g6fUAAAAA:KftxkdkVrqYDJVBPjxsqhEWiRn6Z0db6vXMVWLZbBAaQ6G_ESd-nK5NwopdcIZRXWgQak4njpQ

64. https://www.sciencedirect.com/science/article/pii/S0360835222001693?casa_token=TJWI1SSb5vcAAAAA:RhPFxcFQyIfZiDb5JK8PqFycHOPUj4nQj8u6AuoFwW4PBKSls_JY6-7HA_rxK5msCHcy0dltggs

65. https://www.sciencedirect.com/science/article/pii/S095741742301552X?casa_token=VkO8EXdMyf0AAAAA:a-X_zVXofbxIf3bxzcTd-3ierxZH0mZxCcJjd-ysQMKyz8qml6gsdvGOjqODLt2O_1SMdFfdAA

66. https://www.sciencedirect.com/science/article/pii/S0925527321003182

67. https://www.sciencedirect.com/science/article/pii/S0278612523001760?

casa_token=c46TBKvCV0YAAAAA:B9xEAGDavGSW4tr8_KV8o7eWTBSvDhcxdViaLP0EwPyWFwC4wDiBrvrWVpVSKXp3JqbOwmHPWg

68. https://www.sciencedirect.com/science/article/pii/S0957417421017450?casa_token=rTIiU0sZv68AAAAA:UsEgmKHs4l9FvNSyuEsmfIYcsxUfeVhlFgbnmT-XV-aObQ7MXVLV_sKy2UBrxgUOdHuZLbUZ1A

69. https://www.sciencedirect.com/science/article/pii/S221065022300010X?casa_token=vzhfwBOte40AAAAA:EcLEveSHJR0QyuNR0vETXtUtI01GXoLdRYMnzEWEDvAsbIRaKI7sxtXkGjyl-IRUK8gDh1ZUTQ

70. https://www.sciencedirect.com/science/article/pii/S1319157821002287

71. https://www.sciencedirect.com/science/article/pii/S0957417422023776?casa_token=UgwsPpLBSR0AAAAA:7tmBnZmg1hn0CHe8FbHSpRfxRUt2bp2VHz0gbFwLor2dT8cPBLR03a643Rr0uxbQ0p7X3EnNdg

72. https://link.springer.com/article/10.1007/s00521-021-06289-9

73. https://www.sciencedirect.com/science/article/pii/S0045790621003839?casa_token=X2PDb6ciyvcAAAAA:Xhxz8jbe_W0sWy3Hi_8Q8g4Dyz4g95X93w9ILW9ou3f-RdWZ0JXJnB-nxxA2O6FKFcKMsEkl-A

74. https://www.sciencedirect.com/science/article/pii/S1568494621006955?casa_token=VItu27u4LiwAAAAA:IZi5c-IcD53vw_9Npdb3fu69P0lc-EcGAHJwGxfgd32URS0gqAJ1CEwOUxMkeh0ZJILOUENysAs

75. https://link.springer.com/article/10.1007/s12065-023-00822-6s

76. https://onlinelibrary.wiley.com/doi/abs/10.1111/itor.12878?casa_token=DfDyyu5eeT0AAAAA%3AaHgBRIHErsceFnyCg4v20UI3JzNphI53bay7SzZzAJJQH7vDcvKCDru4MalkC0PRqAB1FT1Ejbd4H6Ys

77. https://openurl.ebsco.com/EPDB%3Agcd%3A13%3A21903325/detailv2?sid=ebsco%3Aplink%3Ascholar&id=ebsco%3Agcd%3A148678586&crl=c&link_origin=none

78. https://link.springer.com/article/10.1007/s00366-021-01545-x

79. https://www.sciencedirect.com/science/article/pii/S0377221707000616?casa_token=RzCrqzFoEy4AAAAA:0gg152Mv9LiwTB5BCs5-UC0Gw04i4mM-tZijyjvsoX-0d_6iN9cgn8xinVSv_GPB1-dtkin6eg

80. https://onlinelibrary.wiley.com/doi/abs/10.1002/(SICI)1520-6750(199810)45:7%3C733::AID-NAV5%3E3.0.CO;2-C?casa_token=he1E_jh3hbwAAAAA:N2HNAlSmFqOrIY2SlZj1jKNWyKOLSXzbgWG2J7H4wV2rsbEFvM7aYKipv9L6y9g92pGN8mMcKHAO7nE

81. https://pubsonline.informs.org/doi/abs/10.1287/opre.1060.0358

82. https://www.sciencedirect.com/science/article/pii/S0377221707005929?casa_token=9o0ha-Z3lz8AAAAA:0ffuay3a9xw_1pZyQrv9r18kgXomTdMzq-OQTv1T90uTGq1Ez_hydylBRqDU5Jsrxo47DZyE_Q

83. https://www.sciencedirect.com/science/article/pii/S0305054807001359?casa_token=0RRBh1-ooG0AAAAA:mCbeqFlvoH19nXSZpwmAiNu76QAt4keNC1V0wtiIxZePe0yFA9k91Pt2aMWrVSn8EMKiizKmBQ

84. https://www.sciencedirect.com/science/article/pii/S0377221796001804

85. https://www.sciencedirect.com/science/article/pii/S0377221717306549?casa_token=wWbNuzotbR0AAAAA:R-LSHP-jzXtgo80KydpkLl5MmBl7kmNuwrGPpflwXpl9TFYvWL1w1wnBV4GbYVbZPZvm2KbCuA

86. https://www.sciencedirect.com/science/article/pii/S0377221713002130?casa_token=nx5HCqDCKiEAAAAA:a6SkHf_fpI9e-eCVwAAMVijTzhqLksxfMc-9i21Tbf59P04pgpjLiCZ2aD-mT2DdJvLV0yuNbw

87. https://www.tandfonline.com/doi/full/10.1057/palgrave.jors.2601563?casa_token=nBSjRNRtf88AAAAA%3Awgvgxec2T-qkKgCEKL8QDavINTiJ2BjKRUp4wWpyOUZe2Ez2ZlirA7rW7rUjc2T04fd4Z6iGC2Rts

88. https://www.sciencedirect.com/science/article/pii/S037722170900191X?casa_token=qNC4v1ZqvIoAAAAA:ldaDgr3ZDSPOciHpc-ud_2q_yElM6ZpAL9eC5oS3p_67jxRAC8J561-6_6GLAAnKEIDYA9QTtw

89. https://ascelibrary.org/doi/abs/10.1061/(ASCE)ME.1943-5479.0000323

90. https://www.sciencedirect.com/science/article/pii/S1568494602000650?casa_token=OSFL34OnZLsAAAAA:TK2nOzD3U8xrLcAPcDhwtaLFnZ_vk5gyFSgC4E31KnD2vMxwoH1SnR6_yW4y3PJNUE9cN2l0yQ

91. https://onlinelibrary.wiley.com/doi/abs/10.1002/nav.10029?casa_token=-3p7IQ32gFEAAAAA:ZQBoBR8LT2nraciUqhDa8j13nOeXjxm3dupjnwvKqcg4tIA4TgmhlWhzV3LgjdNXVTE3xrzBLa8F6j0

92. https://www.sciencedirect.com/science/article/pii/S0166361504000971?casa_token=NaKwFYT-0cQAAAAA:G57hwfGUTY9gzzwt6vB6F9PECsDQs48QNBaBjoYmaUZsx8fFcYdze2QlqUX2E03M2k0yb7S4kg

93. https://www.sciencedirect.com/science/article/pii/S0926580512002099?casa_token=8pgmhTdmNWIAAAAA:L8ZKr4Zv0U729nXENzvaJxQMrbpn0UGH9wkC4No-csyKbE-V9vOH61fz0u6frr679kj5cFSHTg

94. https://www.sciencedirect.com/science/article/pii/S0167739X1732441X?casa_token=iPFMQiomYY0AAAAA:pIQIZVYZPC57XVTfMNMsWB9q6tn2Au54unfutsf4X1ozJsszXpnfJf8m1S3c7HhIUl9BqHeBMQ

95. https://link.springer.com/article/10.1023/A:1010949931021

96. https://link.springer.com/article/10.1007/s10732-010-9142-2

97. https://ascelibrary.org/doi/abs/10.1061/(ASCE)0733-9364(2004)130:6(869)

98. https://www.tandfonline.com/doi/abs/10.1080/095119298130804?casa_token=7nx4gNlr2jsAAAAA:kcAYDC1V-elrLzXON1zvMkupJc3rGqx-vB0pHgIo_NUqADs84tPQaEiCIsn7nggVdwDmwTWD-7HE

99. https://dspace.mit.edu/bitstream/handle/1721.1/10259/37016532-MIT.pdf?sequence=2

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The numbers shown after each reference represent the *number of citations* and the *year of publication*, respectively. These citation counts were obtained through a Google Scholar search using keywords such as *project management*, *project scheduling*, *evolutionary scheduling*, *evolutionary algorithms*, *genetic algorithms*,*time-cost trade-off*, *nurse scheduling*, and *job shop problem*. The citation numbers are approximate and may vary over time as Google Scholar updates its database.
References that include these citation and year indicators were identified during the initial search phase but were **not used in the subsequent detailed literature review**.