Serial Number,MCDM Tools / Methods,Application Area

1,AHP,Supply Chain Management, Risk Management

2,Fuzzy AHP,Supply Chain Management, Medical Device and Material Selection, Logistics, COVID-19

3,Rank order centroid, fuzzy TOPSIS,Supply Chain Management

4,SMART,Supply Chain Management, Medical Device and Material Selection, Disease Identification and Treatment, Operations Management in Healthcare, COVID-19

5,MARCOS,Supply Chain Management, Medical Device and Material Selection, Logistics

6,BWM, DEMATEL, EDAS,Supply Chain Management

7,PIPRECIA, MABAC, CoCoSo, MARCOS,Supply Chain Management

8,Fuzzy Delphi, SWARA, fuzzy COPRAS,Supply Chain Management, Medical Device and Material Selection, Healthcare Information System

9,Rough numbers, PFS, BWM, MABAC,Supply Chain Management

10,Fuzzy Delphi, grey-DEMATEL,Supply Chain Management, Medical Device and Material Selection, Disease Identification and Treatment, COVID-19

11,AHP, TOPSIS,Supply Chain Management, Disease Identification and Treatment, COVID-19

12,AHP,Supply Chain Management, Medical Device and Material Selection, Operations Management in Healthcare

13,BWM, GRA, TOPSIS,Supply Chain Management, Disease Identification and Treatment

14,IVIFS, VIKOR, MARCOS,Supply Chain Management, Medical Device and Material Selection

15,Evidence-based decision making,Medical Device and Material Selection, Disease Identification and Treatment

16,NFS, Neutrosophic Fuzzy (NF)-TOPSIS, NF-AHP, NF-MOORA,Medical Device and Material Selection

17,Intuitionistic Fuzzy (IF) Choquet interval, IF-VIKOR, IF-TOPSIS, IF-COPRAS, IF-MOORA, IF-MULTIMOORA,Medical Device and Material Selection

18,Interval-valued type-2 Gaussian fuzzy sets, TODIM,Medical Device and Material Selection

19,Trapezoidal Bipolar Fuzzy Sets, EDAS,Medical Device and Material Selection

20,AHP, ELECTRE,Medical Device and Material Selection

21,Fuzzy TOPSIS,Medical Device and Material Selection, Healthcare Information System

22,Fuzzy PSI, fuzzy MARCOS,Medical Device and Material Selection

23,Borda method, WSM,Medical Device and Material Selection

24,BWM, EDAS,Medical Device and Material Selection

25,Intuitionistic fuzzy multiplicative BWM,Disease Identification and Treatment

26,Multi-attribute utility theory, AHP,Disease Identification and Treatment

27,AHP, DEMATEL,Disease Identification and Treatment

28,EM, VIKOR, TOPSIS,Disease Identification and Treatment

29,EM, VIKOR,Disease Identification and Treatment, COVID-19

30,q-rung orthopair fuzzy soft numbers, AHP,Disease Identification and Treatment

31,SMART,Disease Identification and Treatment, COVID-19

32,DEMATEL, ANP, VIKOR,Healthcare Information System

33,VIKOR,Healthcare Information System

34,DEMATEL, AHP,Healthcare Information System

35,Fuzzy ANP,Healthcare Information System

36,Fuzzy ELECTRE,Healthcare Information System

37,Hesitant fuzzy linguistic (HFL) set, AHP, CODAS,Healthcare Information System

38,AHP, Fuzzy TOPSIS,Healthcare Information System, Logistics

39,Fuzzy logic, ANP, TOPSIS,Healthcare Information System

40,Fuzzy ANP,Healthcare Information System

41,Fuzzy ANP,Healthcare Information System

42,PROMETHEE,Healthcare Information System

43,Fuzzy AHP,Logistics

44,Interval Neutrosophic Fuzzy Sets, VIKOR,Logistics

45,WSM,Logistics, Operations Management in Healthcare

46,Hesitant Fuzzy Linguistic Term Sets, MABAC,Logistics

47,CRITIC, TOPSIS, EDAS, CODAS,Logistics

48,2-Tuple DEMATEL, Fuzzy VIKOR,Logistics

49,BWM, ARAS, Z Numbers,Logistics

50,SMART,Logistics

51,Intuitionistic Fuzzy TOPSIS,Logistics

52,TOPSIS,Logistics

53,PROMETHEE-II,Operations Management in Healthcare

54,Modified Kemeny Median Indicator Rank Accordance (KEMIRA-M),Operations Management in Healthcare

55,WSM, VIKOR,Operations Management in Healthcare

56,Fuzzy AHP,Operations Management in Healthcare

57,Linguistic Hesitant Fuzzy Set, VIKOR,Healthcare Quality Evaluation

58,IVIFS, PROMETHEE,Healthcare Quality Evaluation

59,AHP, TOPSIS, ELECTRE,Healthcare Quality Evaluation

60,Fuzzy AHP, DEA,Healthcare Quality Evaluation

61,BWM,Healthcare Quality Evaluation

62,Hesitant Fuzzy Linguistic Term Sets, TOPSIS,Healthcare Quality Evaluation

63,BWM, Fuzzy Preference Programming,Healthcare Quality Evaluation

64,Fuzzy Set Theory, AHP,Healthcare Quality Evaluation

65,AHP,Healthcare Quality Evaluation

66,Fuzzy DEMATEL, BWM, DEA,Healthcare Quality Evaluation

67,AHP, VIKOR, PROMETHEE,Waste Management

68,Fuzzy Set Theory, VIKOR,Waste Management

69,ANP, ELECTRE,Waste Management

70,Interval 2-Tuple Linguistic Set, MULTIMOORA,Waste Management

71,2-Tuple DEMATEL, Fuzzy MULTIMOORA,Waste Management

72,AHP, TOPSIS,Waste Management

73,Fuzzy AHP, Fuzzy TOPSIS,Waste Management

74,AHP, VIKOR, PROMETHEE,Waste Management

75,D Numbers, WSM,Waste Management

76,AHP,Waste Management

77,Hesitant Fuzzy Linguistic Term Set, MAIRCA, MABAC,Waste Management

78,AHP, VIKOR,COVID-19

79,Fuzzy VIKOR, Fuzzy TOPSIS,COVID-19

80,Fuzzy PROMETHEE, Fuzzy VIKOR,COVID-19

81,Fuzzy AHP, MOORA,COVID-19

82,PROMETHEE,COVID-19

83,CRITIC, TOPSIS,COVID-19

84,CRITIC, VIKOR,COVID-19

85,FUCOM, Fuzzy-QFD,COVID-19

86,BWM, Multi-actor Multi-criteria Analysis, Multi-objective Linear Programming,COVID-19

87,Fuzzy AHP,COVID-19