SIF 计算结果

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **SIF-2015** | **Number** | **排序2015** | **SIF-2012** | **排序2012** | **5 Year IF** | **SIF-2015-Alt** | **排序 Alt** |
| 104.555038 | 42 | 1 | 28.83 | 9 | 5.45 | 8.37181029 | 16 |
| 92.7382263 | 19 | 2 | 49.11 | 4 | 3.33 | 11.9799918 | 9 |
| 89.6716107 | 37 | 3 | 43.59 | 6 | 4.47 | 7.65517297 | 19 |
| 89.2503655 | 7 | 4 | 39.48 | 7 | 3.71 | 37.7836365 | 3 |
| 87.1072278 | 27 | 5 | 22.68 | 10 | 5.69 | 7.68651429 | 18 |
| 73.6946929 | 2 | 6 | 1.37 | 49 | 1.15 | 1.09261948 | 41 |
| 70.4024583 | 12 | 7 | 50.4 | 3 | 2.49 | 9.23741338 | 13 |
| 66.5928245 | 34 | 8 | 69.23 | 2 | 5.57 | 153.488823 | 1 |
| 59.8751891 | 59 | 9 | 46.47 | 5 | 3.97 | 1.47648052 | 37 |
| 57.8870173 | 11 | 11 | 74.62 | 1 | 3.6 | 17.8645061 | 7 |
| 54.2633421 | 4 | 12 | 32.26 | 8 | 3.72 | 4.90848643 | 21 |
| 54.1141709 | 26 | 13 | 0.04 | 61 | 0.39 | 1.70704545 | 34 |
| 52.284292 | 62 | 14 | 15.74 | 14 | 4.22 | 11.4822822 | 10 |
| 52.1640158 | 57 | 15 | 14.9 | 17 | 2.7 | 31.8091742 | 5 |
| 48.7299983 | 16 | 16 | 2.57 | 41 | 1.26 | 0.1 | 53 |
| 48.4796129 | 20 | 17 | 14.81 | 19 | 1.76 | 9.12535289 | 14 |
| 40.9924687 | 58 | 18 | 3.84 | 35 | 1.44 | 34.4131673 | 4 |
| 38.1894428 | 63 | 19 | 7.23 | 26 | 2.56 | 3.47370839 | 25 |
| 37.1138961 | 31 | 20 | 6.17 | 27 | 2.97 | 0 | 59 |
| 36.8709907 | 15 | 21 | 5.44 | 31 | 2.16 | 6.6362803 | 20 |
| 35.95008 | 52 | 22 | 19.04 | 11 | 4.57 | 23.8598561 | 6 |
| 31.5917968 | 45 | 23 | 1.24 | 51 | 1.53 | 2.81 | 27 |
| 30.5161139 | 53 | 24 | 1.74 | 45 | 1.34 | 3.28008879 | 26 |
| 30.3346127 | 64 | 25 | 15.71 | 15 | 4.1 | 13.3618442 | 8 |
| 28.7179293 | 1 | 26 | 14.84 | 18 | 1.91 | 2.03925455 | 30 |
| 28.5946177 | 40 | 27 | 0.74 | 54 | 1.64 | 1.59763636 | 35 |
| 27.6310454 | 28 | 28 | 11.67 | 21 | 1.87 | 11.4805963 | 11 |
| 27.457712 | 3 | 29 | 0.69 | 55 | 0.87 | 1.31090909 | 38 |
| 26.731015 | 30 | 30 | 13.23 | 20 | 1.85 | 0.88586777 | 45 |
| 25.4368832 | 18 | 31 | 2.99 | 39 | 1.94 | 3.66757576 | 24 |
| 24.1493714 | 13 | 32 | 10.28 | 22 | 2.43 | 0.6 | 48 |
| 24.1128258 | 5 | 33 | 7.53 | 25 | 2.16 | 2.74181818 | 29 |
| 23.6349144 | 54 | 34 | 4.81 | 33 | 1.85 | 1.08568182 | 42 |
| 23.0972814 | 48 | 35 | 2.12 | 43 | 1.51 | 1.7659697 | 32 |
| 23.0972814 | 48 | 35 | 2.12 | 43 | 1.51 | 1.7659697 | 33 |
| 22.3035208 | 8 | 36 | 0.86 | 53 | 1.82 | 0.46818182 | 50 |
| 22.1092652 | 24 | 37 | 16.39 | 13 | 2.4 | 1.18910952 | 40 |
| 20.2113503 | 6 | 38 | 1.28 | 50 | 1.66 | 2.8 | 28 |
| 18.8245245 | 10 | 39 | 5.7 | 29 | 1.82 | 0.72666667 | 46 |
| 17.1715928 | 41 | 40 | 3.73 | 36 | 1.7 | 1.50107532 | 36 |
| 16.9901431 | 33 | 41 | 2.7 | 40 | 2.38 | 9.33587825 | 12 |
| 15.5244242 | 23 | 42 | 1.69 | 46 | 1.5 | 7.85209091 | 17 |
| 13.9565772 | 25 | 43 | 3.09 | 37 | 1.77 | 0 | 57 |
| 13.5397083 | 46 | 44 | 2.46 | 42 | 1.97 | 1.04054545 | 43 |
| 12.2867571 | 36 | 45 | 5.79 | 28 | 2.17 | 1.21110947 | 39 |
| 11.7868145 | 47 | 46 | 0.08 | 60 | 0.8 | 0.99996254 | 44 |
| 11.2112391 | 55 | 47 | 9.81 | 23 | 2.5 | 0.61133333 | 47 |
| 10.9539421 | 44 | 48 | 5.48 | 30 | 1.58 | 3.90686869 | 22 |
| 10.7449505 | 39 | 49 | 3.85 | 34 | 1.71 | 1.87272727 | 31 |
| 10.4773396 | 22 | 50 | 1.48 | 48 | 0.82 | 3.83854545 | 23 |
| 8.89778555 | 51 | 51 | 2.05 | 44 | 1.61 | 0.47851948 | 49 |
| 7.88704262 | 56 | 52 | 0.03 | 64 | 0.34 | 0.2 | 52 |
| 7.32210854 | 35 | 53 | 1.63 | 47 | 1.12 | 0 | 54 |
| 6.69070666 | 61 | 54 | 0.08 | 59 | 0.83 | 0 | 60 |
| 4.39294485 | 9 | 55 | 0.35 | 57 | 0.78 | 0.21489177 | 51 |
| 3.24121212 | 32 | 56 | 5.07 | 32 | 2.49 | 0 | 58 |
| 2.53449351 | 38 | 57 | 0.04 | 63 | 0.37 | 0 | 55 |
| 1.81818182 | 14 | 58 | 0.36 | 56 | 1.09 | 0 | 56 |



图中蓝色是2015年58本OR的SIF排名结果，黄色是2012年结果，灰色是2015年altmetric score代替citation后计算的SIF结果。

从数据来看，2015年的SIF排名与2012年的排名有较大差异，主要表现为部分期刊排名大幅提升，如APPL STOCH MODEL BUS从2012年的49位上升至第6位，而2012年表现较好的期刊在2015年延续了良好表现。整体上看，2012年的结果和2015年的结果有较强相关性，相关系数为0.66277。

Altmetric score代替citation后的SIF结果排名差异更加显著，其分布更分散，其与2015年SIF的相关系数为0.64189。其中，MANAGE SCI的分数远远超过其它期刊（153.488823，第二名为OPER RES ，分数39.377849，第三名为DECIS SUPPORT SYST ，分数37.7836365）。

期刊简称和序号对照表

|  |  |  |  |
| --- | --- | --- | --- |
| **序号** | **期刊简称** | **序号** | **期刊简称** |
| **1** | ANN OPER RES | **33** | M&SOM-MANUF SERV OP |
| **2** | APPL STOCH MODEL BUS | **34** | MANAGE SCI |
| **3** | ASIA PAC J OPER RES | **35** | MATH METHOD OPER RES |
| **4** | COMPUT OPER RES | **36** | MATH OPER RES |
| **5** | COMPUT OPTIM APPL | **37** | MATH PROGRAM |
| **6** | CONCURRENT ENG-RES A | **38** | MIL OPER RES |
| **7** | DECIS SUPPORT SYST | **39** | NAV RES LOG |
| **8** | DISCRETE EVENT DYN S | **40** | NETW SPAT ECON |
| **9** | DISCRETE OPTIM | **41** | NETWORKS |
| **10** | ENG OPTIMIZ | **42** | OMEGA-INT J MANAGE S |
| **11** | EUR J OPER RES | **43** | OPER RES |
| **12** | EXPERT SYST APPL | **44** | OPER RES LETT |
| **13** | IIE TRANS | **45** | OPTIM CONTR APPL MET |
| **14** | INFOR | **46** | OPTIM ENG |
| **15** | INFORMS J COMPUT | **47** | OPTIM LETT |
| **16** | INT J COMPUT INTEG M | **48** | OPTIM METHOD SOFTW |
| **17** | INT J FLEX MANUF SYS | **49** | OPTIMIZATION |
| **18** | INT J INF TECH DECIS | **50** | OR SPECTRUM |
| **19** | INT J PROD ECON | **51** | PROBAB ENG INFORM SC |
| **20** | INT J PROD RES | **52** | PROD OPER MANAG |
| **21** | INT J SYST SCI | **53** | PROD PLAN CONTROL |
| **22** | INT J TECHNOL MANAGE | **54** | QUAL RELIAB ENG INT |
| **23** | INTERFACES | **55** | QUEUEING SYST |
| **24** | J GLOBAL OPTIM | **56** | RAIRO-OPER RES |
| **25** | J IND MANAG OPTIM | **57** | RELIAB ENG SYST SAFE |
| **26** | J MANUF SYST | **58** | SAFETY SCI |
| **27** | J OPER MANAG | **59** | SYST CONTROL LETT |
| **28** | J OPER RES SOC | **60** | TECHNOVATION |
| **29** | J OPER RES SOC JPN | **61** | TOP |
| **30** | J OPTIMIZ THEORY APP | **62** | TRANSPORT RES B-METH |
| **31** | J QUAL TECHNOL | **63** | TRANSPORT RES E-LOG |
| **32** | J SCHEDULING | **64** | TRANSPORT SCI |