

Publication Report

Helmut Simonis and Cemalettin Öztürk

Report Generated on April 24, 2024

1 Data Quality

This section gives an overall overview of the works covered by the survey. We first look at all works, and consider which entries cannot be full analyzed. We consider the following status outcomes: no DOI, the bib entry does not give a DOI, this typically means that we cannot find the citation and reference counts for the work. A special case is the Thesis type, which do not have a DOI assigned by the university. Even entries with a DOI may not be covered, we distinguish entries that are covered by neither Crossref nor Scopus, or entries which are covered by one, but not the other. THE OK status indicates that we can find the entry in all our sources.

Note that OpenCitations does not distinguish between a DOI that is not covered, and a DOI for which there are no references or citations. In both cases, an empty list is returned by the query.

We may be able to repair some of the entries by finding a DOI for entries which miss them, or by correcting a mistake in a DOI, where neither Crossref nor Scopus recognizes the entry. Not that the system responses are cached, and missing entries are not repeatedly queried by the system. This means that additions or corrections in the databases that occur after we first queried them for a specific entry are not automatically taken into account. It may be good practice to re-run all queries from time to time to reflect updates in the databases.

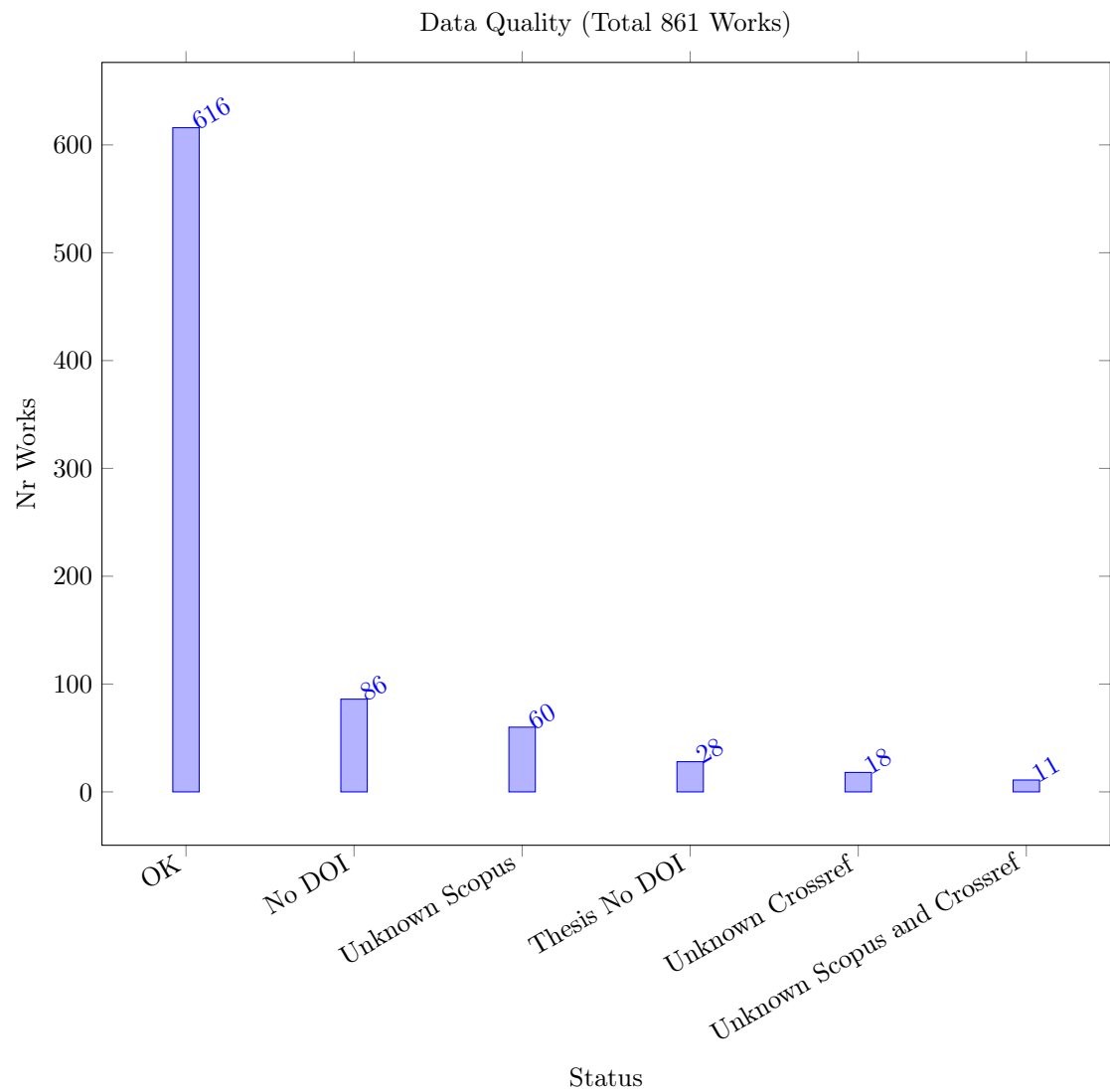


Table 1: Works Unknown to Crossref and Scopus

| Key | DOI | Source Group | Year | Nr Citations | Crossref Citations | Scopus Citations | Range Citations | Range Percentage |
|----------------|---------------------------------|--------------|------|--------------|--------------------|------------------|-----------------|------------------|
| abs-2402-00459 | 10.48550/arxiv.2402.00459 | Preprint | 2024 | 0 | 0 | 0 | 0 | NaN |
| abs-2305-19888 | 10.48550/arxiv.2305.19888 | Preprint | 2023 | 0 | 0 | 0 | 0 | NaN |
| abs-2306-05747 | 10.48550/arxiv.2306.05747 | Preprint | 2023 | 0 | 0 | 0 | 0 | NaN |
| abs-2312-13682 | 10.48550/arxiv.2312.13682 | Preprint | 2023 | 0 | 0 | 0 | 0 | NaN |
| GokPTGO23 | 10.1007/s10479-022-04547- | ORJournal | 2023 | 0 | 0 | 0 | 0 | NaN |
| abs-2211-14492 | 10.48550/arxiv.2211.14492 | Preprint | 2022 | 0 | 0 | 0 | 0 | NaN |
| OrnekOS20 | 10.1007/s12351-020-00563- | ORJournal | 2022 | 0 | 0 | 0 | 0 | NaN |
| OrnekO16 | 10.23055/ijietap.2016.23.1.1930 | OtherJournal | 2016 | 0 | 0 | 0 | 0 | NaN |
| AronssonBK09 | 10.4230/oasics.atmos.2009.2141 | OtherConf | 2009 | 0 | 0 | 0 | 0 | NaN |
| KanetAG04 | 10.1201/9780203489802.ch47 | Incoll | 2004 | 0 | 0 | 0 | 0 | NaN |
| BeckF98 | 10.1609/aimag.v19i4.1426 | AIJournal | 1998 | 0 | 0 | 0 | 0 | NaN |

Table 2: Works Unknown to Crossref

| Key | DOI | Source Group | Year | Nr Citations | Crossref Citations | Scopus Citations | Range Citations | Range Percentage |
|-----------------|--------------------------------|--------------|------|--------------|--------------------|------------------|-----------------|------------------|
| JuvinHHL23 | 10.4230/lipics.cp.2023.19 | CP | 2023 | 0 | 0 | 0 | 0 | NaN |
| PovedaAA23 | 10.4230/lipics.cp.2023.31 | CP | 2023 | 0 | 0 | 0 | 0 | NaN |
| AalianPG23 | 10.4230/lipics.cp.2023.6 | CP | 2023 | 0 | 0 | 0 | 0 | NaN |
| KameugneFND23 | 10.4230/lipics.cp.2023.20 | CP | 2023 | 0 | 0 | 0 | 0 | NaN |
| BoudreaultSLQ22 | 10.4230/lipics.cp.2022.10 | CP | 2022 | 0 | 0 | 0 | 0 | NaN |
| PopovicCGNC22 | 10.4230/lipics.cp.2022.34 | CP | 2022 | 0 | 0 | 0 | 0 | NaN |
| WinterMMW22 | 10.4230/lipics.cp.2022.41 | CP | 2022 | 0 | 0 | 0 | 0 | NaN |
| ArmstrongGOS21 | 10.4230/lipics.cp.2021.16 | CP | 2021 | 1 | 0 | 1 | 1 | 100.00 |
| AntuoriHHEN21 | 10.4230/lipics.cp.2021.14 | CP | 2021 | 0 | 0 | 1 | 1 | 100.00 |
| KovacsTKSG21 | 10.4230/lipics.cp.2021.36 | CP | 2021 | 0 | 0 | 4 | 4 | 100.00 |
| LacknerMMWW21 | 10.4230/lipics.cp.2021.37 | CP | 2021 | 0 | 0 | 3 | 3 | 100.00 |
| WangB20 | 10.3233/faia200114 | ECAI | 2020 | 0 | 0 | 0 | 0 | NaN |
| BarzegaranZP20 | 10.4230/oasics.fog-iot.2020.3 | OtherConf | 2020 | 0 | 0 | 0 | 0 | NaN |
| BridiLBBM16 | 10.3233/978-1-61499-672-9-1598 | ECAI | 2016 | 0 | 0 | 0 | 0 | NaN |
| BartakV15 | 10.5220/0005215701190130 | OtherConf | 2015 | 0 | 0 | 1 | 1 | 100.00 |

| Key | DOI | Source Group | Year | Nr Citations | Crossref Citations | Scopus Citations | Range Citations | Range Percentage |
|--------------|-------------------------------|--------------|------|--------------|--------------------|------------------|-----------------|------------------|
| TranB12 | 10.3233/978-1-61499-098-7-774 | ECAI | 2012 | 0 | 0 | 30 | 30 | 100.00 |
| OddiRC10 | 10.3233/978-1-60750-606-5-967 | ECAI | 2010 | 0 | 0 | 2 | 2 | 100.00 |
| Hunsberger08 | 10.3233/978-1-58603-891-5-553 | ECAI | 2008 | 0 | 0 | 1 | 1 | 100.00 |

Table 3: Works Unknown to Scopus

| Key | DOI | Source Group | Year | Nr Citations | Crossref Citations | Scopus Citations | Range Citations | Range Percentage |
|------------------|------------------------------|--------------|------|--------------|--------------------|------------------|-----------------|------------------|
| Caballero23 | 10.1007/s10601-023-09357-0 | Constraints | 2023 | 0 | 0 | 0 | 0 | NaN |
| NaderiBZ23 | 10.2139/ssrn.4494381 | Preprint | 2023 | 0 | 0 | 0 | 0 | NaN |
| HebrardALLCMR22 | 10.24963/ijcai.2022/643 | IJCAI | 2022 | 0 | 0 | 0 | 0 | NaN |
| NaderiBZ22 | 10.2139/ssrn.4140716 | Preprint | 2022 | 0 | 0 | 0 | 0 | NaN |
| JuvinHL22 | 10.2139/ssrn.4068164 | Preprint | 2022 | 0 | 0 | 0 | 0 | NaN |
| NaderiR22 | 10.1287/ijoo.2021.0056 | ORJournal | 2022 | 5 | 7 | 0 | 7 | 100.00 |
| KotaryFH22 | 10.1609/aaai.v36i7.20685 | AAAI | 2022 | 0 | 2 | 0 | 2 | 100.00 |
| QinWSLS21 | 10.1109/tase.2019.2947398 | OtherJournal | 2021 | 12 | 19 | 0 | 19 | 100.00 |
| GeibingerMM21 | 10.1609/aaai.v35i7.16789 | AAAI | 2021 | 0 | 1 | 0 | 1 | 100.00 |
| KletzanderMH21 | 10.1609/aaai.v35i13.17408 | AAAI | 2021 | 2 | 2 | 0 | 2 | 100.00 |
| GodetLHS20 | 10.1609/aaai.v34i02.5510 | AAAI | 2020 | 1 | 1 | 0 | 1 | 100.00 |
| FallahiAC20 | 10.1504/ijams.2020.10026882 | OtherJournal | 2020 | 0 | 0 | 0 | 0 | NaN |
| NishikawaSTT19 | 10.15803/ijnc.9.2_131 | OtherJournal | 2019 | 3 | 3 | 0 | 3 | 100.00 |
| BlazewiczEP19 | 10.1007/978-3-319-99849-7 | Incoll | 2019 | 38 | 38 | 0 | 38 | 100.00 |
| RiahiNS018 | 10.1609/icaps.v28i1.13895 | ICAPS | 2018 | 4 | 4 | 0 | 4 | 100.00 |
| AgussurjaKL18 | 10.1609/aaai.v32i1.12086 | AAAI | 2018 | 4 | 4 | 0 | 4 | 100.00 |
| TranVNB17a | 10.24963/ijcai.2017/726 | IJCAI | 2017 | 1 | 1 | 0 | 1 | 100.00 |
| Bonfietti16 | 10.3233/ia-160095 | AIJournal | 2016 | 0 | 0 | 0 | 0 | NaN |
| TranDRFWOVB16 | 10.1609/socs.v7i1.18390 | OtherConf | 2016 | 3 | 9 | 0 | 9 | 100.00 |
| FrankDT16 | 10.1609/icaps.v26i1.13780 | ICAPS | 2016 | 4 | 5 | 0 | 5 | 100.00 |
| KinsellaS0OS16 | 10.1609/aaai.v30i2.19079 | AAAI | 2016 | 1 | 2 | 0 | 2 | 100.00 |
| Siala15 | 10.1007/s10601-015-9213-y | Constraints | 2015 | 4 | 3 | 0 | 4 | 100.00 |
| Kameugne15 | 10.1007/s10601-015-9227-5 | Constraints | 2015 | 0 | 0 | 0 | 0 | NaN |
| LimBTBB15a | 10.1609/aaai.v29i1.9236 | AAAI | 2015 | 3 | 3 | 0 | 3 | 100.00 |
| FriedrichFMRSS14 | 10.1007/978-3-319-28697-6_23 | OtherConf | 2014 | 3 | 3 | 0 | 3 | 100.00 |

| Key | DOI | Source Group | Year | Nr Citations | Crossref Citations | Scopus Citations | Range Citations | Range Percentage |
|-----------------|---|---------------|------|--------------|--------------------|------------------|-----------------|------------------|
| LipovetzkyBPS14 | 10.1609/icaps.v24i1.13666 | ICAPS | 2014 | 5 | 5 | 0 | 5 | 100.00 |
| LudwigKRBMS14 | 10.1609/aaai.v28i2.19030 | AAAI | 2014 | 1 | 1 | 0 | 1 | 100.00 |
| ChunS14 | 10.1609/aaai.v28i2.19013 | AAAI | 2014 | 3 | 3 | 0 | 3 | 100.00 |
| BonfiettiLM13 | 10.1609/icaps.v23i1.13608 | ICAPS | 2013 | 1 | 1 | 0 | 1 | 100.00 |
| LombardiM13 | 10.1609/icaps.v23i1.13580 | ICAPS | 2013 | 3 | 0 | 0 | 3 | 100.00 |
| TranTDB13 | 10.1609/icaps.v23i1.13552 | ICAPS | 2013 | 2 | 2 | 0 | 2 | 100.00 |
| MalapertCGJLR13 | 10.1609/icaps.v23i1.13575 | ICAPS | 2013 | 0 | 0 | 0 | 0 | NaN |
| BajestaniB11 | 10.1609/icaps.v21i1.13450 | ICAPS | 2011 | 2 | 2 | 0 | 2 | 100.00 |
| Milano11 | 10.1002/9780470400531.eorms0473 | Inbook | 2011 | 0 | 0 | 0 | 0 | NaN |
| Baptiste09 | 10.1007/978-3-642-04244-7_1 | CP | 2009 | 0 | 0 | 0 | 0 | NaN |
| MonetteDH09 | 10.1609/icaps.v19i1.13356 | ICAPS | 2009 | 9 | 10 | 0 | 10 | 100.00 |
| MercierH08 | 10.1287/ijoc.1070.0226 | InformaticsJC | 2008 | 32 | 33 | 0 | 33 | 100.00 |
| AggounMV08 | 10.1007/978-0-387-74759-0_396 | Inbook | 2008 | 0 | 0 | 0 | 0 | NaN |
| Limtanyakul07 | 10.1007/978-3-540-77903-2_65 | OtherConf | 2007 | 2 | 2 | 0 | 2 | 100.00 |
| NeronABCDD06 | 10.1007/978-0-387-33768-5_7 | Inbook | 2006 | 3 | 3 | 0 | 3 | 100.00 |
| DannaP04 | 10.1007/978-1-4419-8917-8_2 | Inbook | 2004 | 2 | 2 | 0 | 2 | 100.00 |
| AjiliW04 | 10.1007/978-1-4419-8917-8_6 | Inbook | 2004 | 4 | 4 | 0 | 4 | 100.00 |
| AggounV04 | 10.1007/978-3-540-24734-0_15 | Inbook | 2004 | 7 | 7 | 0 | 7 | 100.00 |
| Tsang03 | 10.1023/a:1024016929283 | OtherJournal | 2003 | 1 | 0 | 0 | 1 | 100.00 |
| DomdorfPH03 | 10.1007/978-3-642-18965-4_31 | Inbook | 2003 | 0 | 0 | 0 | 0 | NaN |
| Apt03 | 10.1017/cbo9780511615320 | Background | 2003 | 381 | 374 | 0 | 381 | 100.00 |
| ElkhyariGJ02 | 10.1007/3-540-46135-3_49 | CP | 2002 | 1 | 1 | 0 | 1 | 100.00 |
| ZhuS02 | 10.1007/3-540-47961-9_69 | OtherConf | 2002 | 0 | 0 | 0 | 0 | NaN |
| MilanoORT02 | 10.1287/ijoc.14.4.387.2830 | InformaticsJC | 2002 | 14 | 14 | 0 | 14 | 100.00 |
| Hooker02 | 10.1287/ijoc.14.4.295.2828 | InformaticsJC | 2002 | 94 | 93 | 0 | 94 | 100.00 |
| Hentenryck02 | 10.1287/ijoc.14.4.345.2826 | Background | 2002 | 48 | 50 | 0 | 50 | 100.00 |
| BaptistePN01 | 10.1007/978-1-4615-1479-4 | Book | 2001 | 296 | 302 | 0 | 302 | 100.00 |
| BosiM2001 | 10.1002/1097-024x(200101)31:1<17::aid-spe355>3.0.co;2-1 | OtherJournal | 2001 | 3 | 3 | 0 | 3 | 100.00 |
| LopezAKYG00 | 10.1016/s0947-3580(00)71114-9 | OtherJournal | 2000 | 0 | 0 | 0 | 0 | NaN |
| Hooker00 | 10.1002/9781118033036 | Book | 2000 | 185 | 186 | 0 | 186 | 100.00 |
| Simonis99 | 10.1007/3-540-45406-3_6 | OtherConf | 1999 | 5 | 5 | 0 | 5 | 100.00 |
| DorndorfPH99 | 10.1007/978-3-642-58409-1_35 | OtherConf | 1999 | 0 | 0 | 0 | 0 | NaN |
| DorndorfHP99 | 10.1007/978-1-4615-5533-9_10 | Inbook | 1999 | 18 | 18 | 0 | 18 | 100.00 |
| PembertonG98 | 10.1090/dimacs/057/06 | OtherConf | 1998 | 26 | 0 | 0 | 26 | 100.00 |
| MarriottS98 | 10.7551/mitpress/5625.001.0001 | Background | 1998 | 410 | 423 | 0 | 423 | 100.00 |

| Key | DOI | Source Group | Year | Nr Citations | Crossref Citations | Scopus Citations | Range Citations | Range Percentage |
|--------------|--|--------------|------|--------------|--------------------|------------------|-----------------|------------------|
| BeckDDF98 | 10.1002/(sici)1099-1425(199808)1:2<89::aid-jos9>3.0.co;2-h | OtherJournal | 1998 | 9 | 8 | 0 | 9 | 100.00 |
| Simonis95a | 10.1007/3-540-60794-3_11 | OtherConf | 1995 | 1 | 1 | 0 | 1 | 100.00 |
| BaptisteLV92 | 10.1109/robot.1992.220195 | OtherConf | 1992 | 13 | 11 | 0 | 13 | 100.00 |
| CarlierP90 | 10.1007/bf03543071 | Background | 1990 | 112 | 114 | 0 | 114 | 100.00 |
| CarlierP89 | 10.1287/mnsc.35.2.164 | Background | 1989 | 516 | 524 | 0 | 524 | 100.00 |
| PritskerWW69 | 10.1287/mnsc.16.1.93 | Background | 1969 | 504 | 518 | 0 | 518 | 100.00 |

1.1 Range of Citation Counts

We get citation counts for the works included in the survey from different sources. OpenCitations provides the set of papers citing a reference, but only if both have DOIs. Crossref gives a count of how many papers cite a reference, they include some papers without DOI. Scopus gives a citation count, but does not give access to the actual citations. In this table we show the works with the largest range of citation count, excluding all background works. A typical issue is that one source does not cover the work, and has a zero count. An alternative is where papers with many citations give a slightly different count depending on which links are included in their database.

The results seem to indicate the using multiple sources is required, to avoid leaving out works that are not covered by one specific source.

Table 4: Works with largest Range of Citation Counts

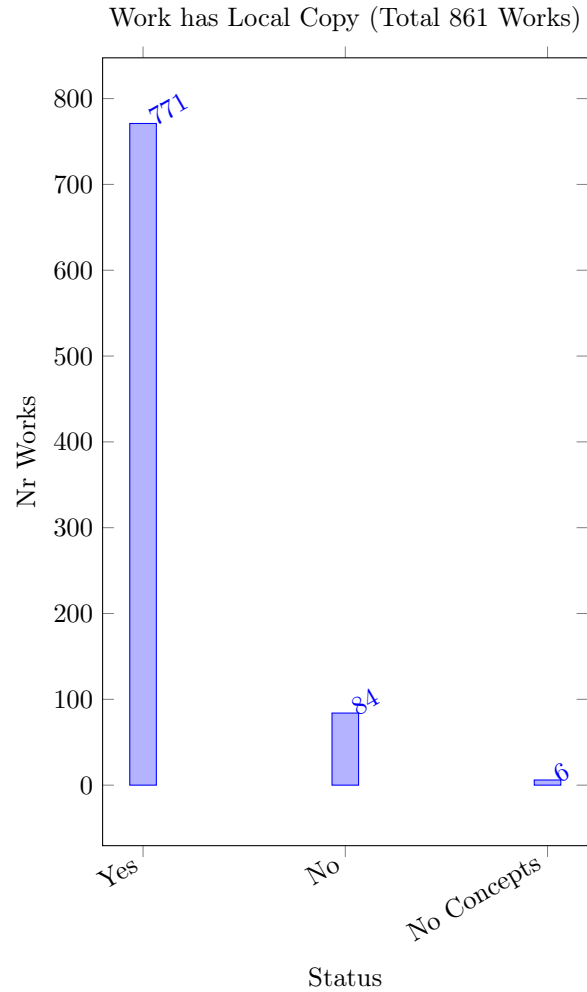
| Key | DOI | Source Group | Year | Nr Citations | Crossref Citations | Scopus Citations | Range Citations | Range Percentage |
|---------------|-------------------------------|--------------|------|--------------|--------------------|------------------|-----------------|------------------|
| BaptistePN01 | 10.1007/978-1-4615-1479-4 | Book | 2001 | 296 | 302 | 0 | 302 | 100.00 |
| Hooker00 | 10.1002/9781118033036 | Book | 2000 | 185 | 186 | 0 | 186 | 100.00 |
| BensanaLV99 | 10.1023/a:1026488509554 | Constraints | 1999 | 99 | 0 | 150 | 150 | 100.00 |
| JainM99 | 10.1016/s0377-2217(98)00113-1 | EJOR | 1999 | 490 | 503 | 630 | 140 | 22.22 |
| SakkoutW00 | 10.1023/a:1009856210543 | Constraints | 2000 | 73 | 0 | 105 | 105 | 100.00 |
| Hooker02 | 10.1287/ijoc.14.4.295.2828 | InformaJC | 2002 | 94 | 93 | 0 | 94 | 100.00 |
| MintonJPL92 | 10.1016/0004-3702(92)90007-k | AIJournal | 1992 | 437 | 440 | 525 | 88 | 16.76 |
| BaptistePN99 | 10.1023/a:1018995000688 | ORJournal | 1999 | 72 | 0 | 85 | 85 | 100.00 |
| OhrimenkoSC09 | 10.1007/s10601-008-9064-x | Constraints | 2009 | 127 | 128 | 198 | 71 | 35.86 |
| BlazewiczDP96 | 10.1016/0377-2217(95)00362-2 | EJOR | 1996 | 344 | 357 | 412 | 68 | 16.50 |
| RodosekWH99 | 10.1023/a:1018904229454 | ORJournal | 1999 | 53 | 0 | 67 | 67 | 100.00 |
| ArtiguesDN08 | 10.1002/9780470611227 | Book | 2008 | 63 | 0 | 0 | 63 | 100.00 |
| BaptisteP00 | 10.1023/a:1009822502231 | Constraints | 2000 | 46 | 0 | 62 | 62 | 100.00 |
| BeldiceanuC94 | 10.1016/0895-7177(94)90127-9 | OtherJournal | 1994 | 167 | 169 | 223 | 56 | 25.11 |

| Key | DOI | Source Group | Year | Nr Citations | Crossref Citations | Scopus Citations | Range Citations | Range Percentage |
|-----------------|-----------------------------------|--------------|------|--------------|--------------------|------------------|-----------------|------------------|
| LaborieRSV18 | 10.1007/s10601-018-9281-x | Constraints | 2018 | 148 | 178 | 203 | 55 | 27.09 |
| HookerO03 | 10.1007/s10107-003-0375-9 | OtherJournal | 2003 | 317 | 333 | 371 | 54 | 14.56 |
| MengZRZL20 | 10.1016/j.cie.2020.106347 | OtherJournal | 2020 | 100 | 133 | 152 | 52 | 34.21 |
| Wallace96 | 10.1007/bf00143881 | Constraints | 1996 | 87 | 89 | 138 | 51 | 36.96 |
| NuijtenP98 | 10.1023/a:1009687210594 | OtherJournal | 1998 | 42 | 0 | 50 | 50 | 100.00 |
| Laborie03 | 10.1016/s0004-3702(02)00362-4 | AIJournal | 2003 | 128 | 129 | 175 | 47 | 26.86 |
| BeckR03 | 10.1023/a:1021849405707 | ORJournal | 2003 | 29 | 0 | 45 | 45 | 100.00 |
| AchterbergBKW08 | 10.1007/978-3-540-68155-7_4 | CPAIOR | 2008 | 80 | 80 | 125 | 45 | 36.00 |
| JainG01 | 10.1287/ijoc.13.4.258.9733 | InformSJ | 2001 | 279 | 284 | 321 | 42 | 13.08 |
| Laborie09 | 10.1007/978-3-642-01929-6_12 | CPAIOR | 2009 | 53 | 52 | 91 | 39 | 42.86 |
| BlazewiczEP19 | 10.1007/978-3-319-99849-7 | Incoll | 2019 | 38 | 38 | 0 | 38 | 100.00 |
| HarjunkskiMBC14 | 10.1016/j.compchemeng.2013.12.001 | OtherJournal | 2014 | 381 | 393 | 418 | 37 | 8.85 |
| SadehF96 | 10.1016/0004-3702(95)00098-4 | AIJournal | 1996 | 95 | 97 | 131 | 36 | 27.48 |
| BeckW07 | 10.1613/jair.2080 | AIJournal | 2007 | 27 | 31 | 61 | 34 | 55.74 |
| Ham18 | 10.1016/j.trc.2018.03.025 | OtherJournal | 2018 | 164 | 192 | 197 | 33 | 16.75 |
| MercierH08 | 10.1287/ijoc.1070.0226 | InformSJ | 2008 | 32 | 33 | 0 | 33 | 100.00 |
| PerronSF04 | 10.1007/978-3-540-30201-8_35 | CP | 2004 | 34 | 34 | 67 | 33 | 49.25 |
| SchildW00 | 10.1023/a:1009804226473 | Constraints | 2000 | 23 | 0 | 32 | 32 | 100.00 |
| CorreaLR07 | 10.1016/j.cor.2005.07.004 | ORJournal | 2007 | 106 | 114 | 137 | 31 | 22.63 |
| LiW08 | 10.1007/s10951-008-0079-3 | OtherJournal | 2008 | 113 | 123 | 144 | 31 | 21.53 |
| TranB12 | 10.3233/978-1-61499-098-7-774 | ECAI | 2012 | 0 | 0 | 30 | 30 | 100.00 |
| Thorsteinsson01 | 10.1007/3-540-45578-7_2 | CP | 2001 | 67 | 68 | 97 | 30 | 30.93 |
| AggounB93 | 10.1016/0895-7177(93)90068-a | OtherJournal | 1993 | 187 | 191 | 214 | 27 | 12.62 |
| PembertonG98 | 10.1090/dimacs/057/06 | OtherConf | 1998 | 26 | 0 | 0 | 26 | 100.00 |
| Beck10 | 10.1007/978-3-642-15396-9_10 | CP | 2010 | 19 | 21 | 45 | 26 | 57.78 |
| NuijtenA96 | 10.1016/0377-2217(95)00354-1 | EJOR | 1996 | 65 | 65 | 90 | 25 | 27.78 |
| VilimLS15 | 10.1007/978-3-319-18008-3_30 | CPAIOR | 2015 | 31 | 31 | 55 | 24 | 43.64 |
| Rodriguez07 | 10.1016/j.trb.2006.02.006 | OtherJournal | 2007 | 117 | 121 | 141 | 24 | 17.02 |
| Hooker07 | 10.1287/opre.1060.0371 | ORJournal | 2007 | 181 | 197 | 205 | 24 | 11.71 |
| MengGRZSC22 | 10.1016/j.swevo.2022.101058 | OtherJournal | 2022 | 38 | 56 | 62 | 24 | 38.71 |
| Davis87 | 10.1016/0004-3702(87)90091-9 | AIJournal | 1987 | 308 | 312 | 332 | 24 | 7.23 |
| Beck07 | 10.1613/jair.2169 | AIJournal | 2007 | 34 | 34 | 57 | 23 | 40.35 |
| HarjunkskiG02 | 10.1016/s0098-1354(02)00100-x | OtherJournal | 2002 | 169 | 173 | 192 | 23 | 11.98 |
| KuB16 | 10.1016/j.cor.2016.04.006 | ORJournal | 2016 | 119 | 132 | 141 | 22 | 15.60 |
| BartakSR08 | 10.1007/s10845-008-0203-4 | OtherJournal | 2008 | 54 | 57 | 76 | 22 | 28.95 |

| Key | DOI | Source Group | Year | Nr Citations | Crossref Citations | Scopus Citations | Range Citations | Range Percentage |
|--------------|------------------------------|--------------|------|--------------|--------------------|------------------|-----------------|------------------|
| BourdaisGP03 | 10.1007/978-3-540-45193-8_11 | CP | 2003 | 29 | 30 | 51 | 22 | 43.14 |

1.2 Local Copies

The tool relies on local pdf copies of works to perform a detailed analysis of the content of the work. We have collected our own private copies of works for that purpose. The following plot shows how many entries do not have a local copy, or which do not extract any concepts from the local copy. A detailed list of all missing entries is given in the main report. Note that in some cases we use an open access version of the work, which might differ slightly from the published version.



1.3 Orphan Files

The following list shows entries for which we have a pdf file in the works directory, but the name of the file does not match any key in the bibliography. These orphans should be resolved, either by correcting the name, or adding a bib entry for the work, or by removing the file, if it is not required.

If there are no files listed, then all pdf files in the works directory correspond to a bib entry, and no clean-up is required.

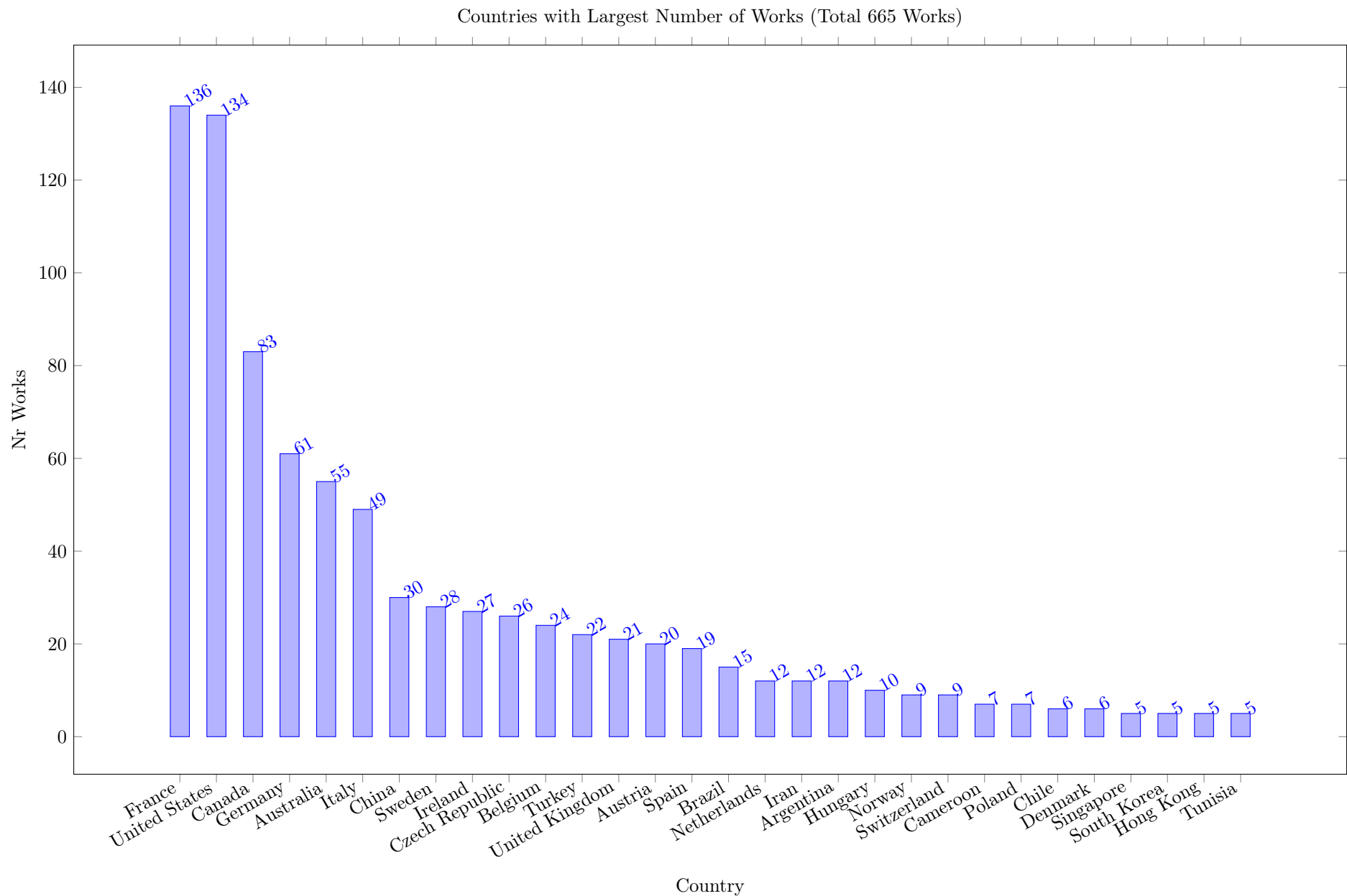
Table 5: Orphan Files

| Key | File |
|-----|------|
|-----|------|

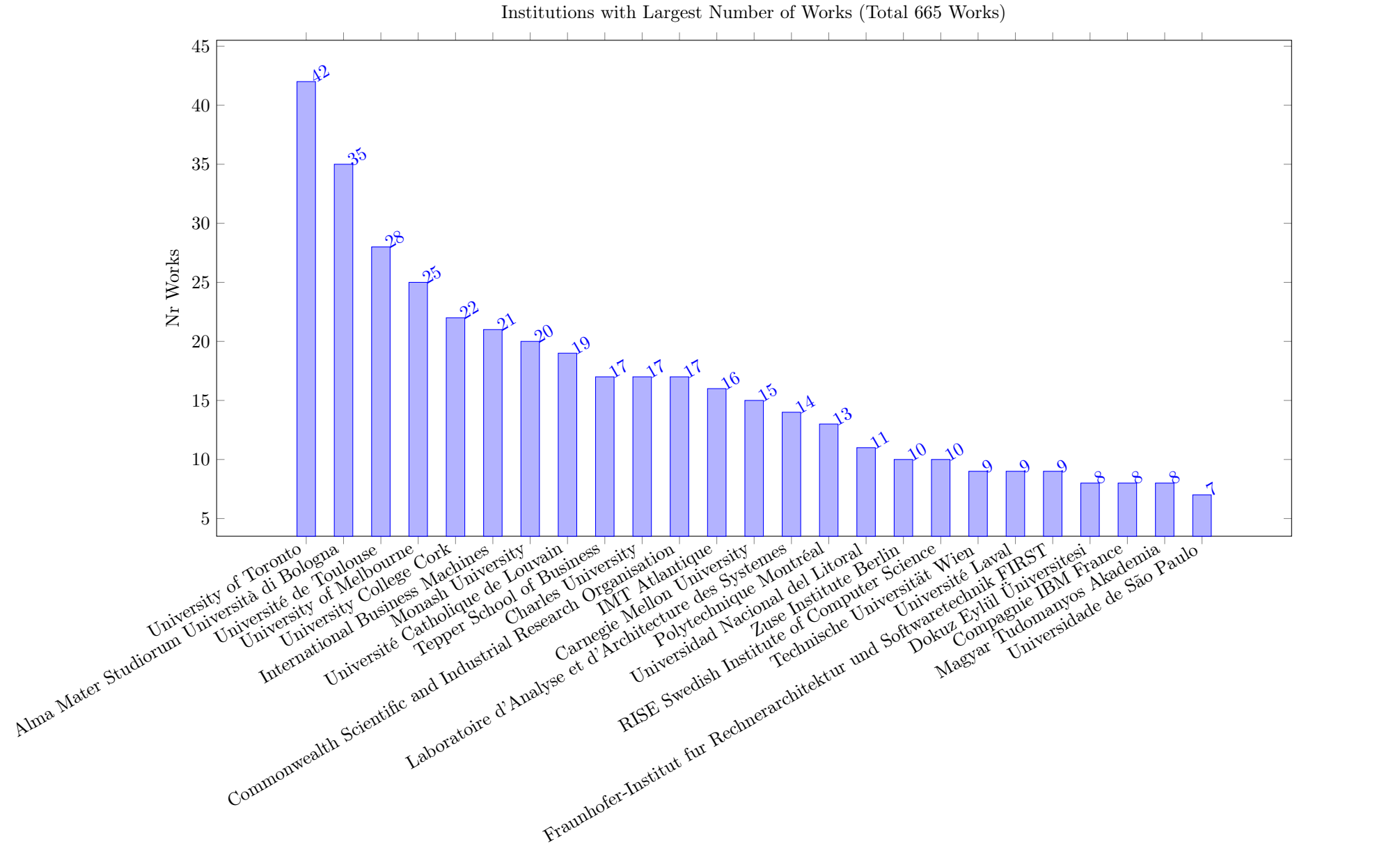
2 Works by Location

This section analyzes papers by affiliation, which is given by the Scopus data only. Only works which are covered by Scopus are included. We first present the number of papers by country. A paper is counted in this analysis (once), if at least one of the affiliations is from the country. Multiple affiliations from the same country only count once. The 30 countries with the largest counts are shown.

Note that one work will be counted for multiple countries, if the affiliations are from different countries. So the sum of the bar heights typically exceeds the total number of works considered.

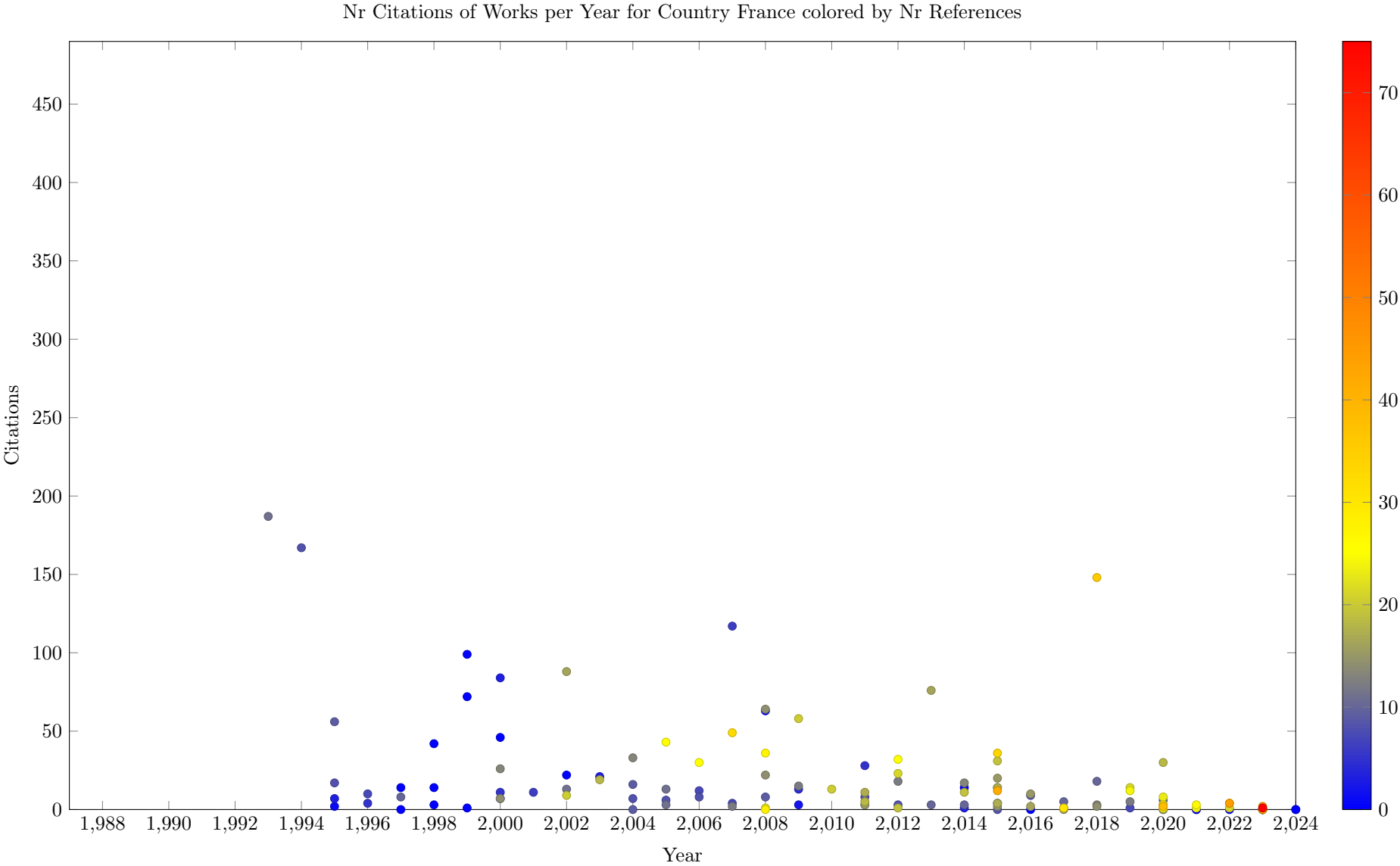


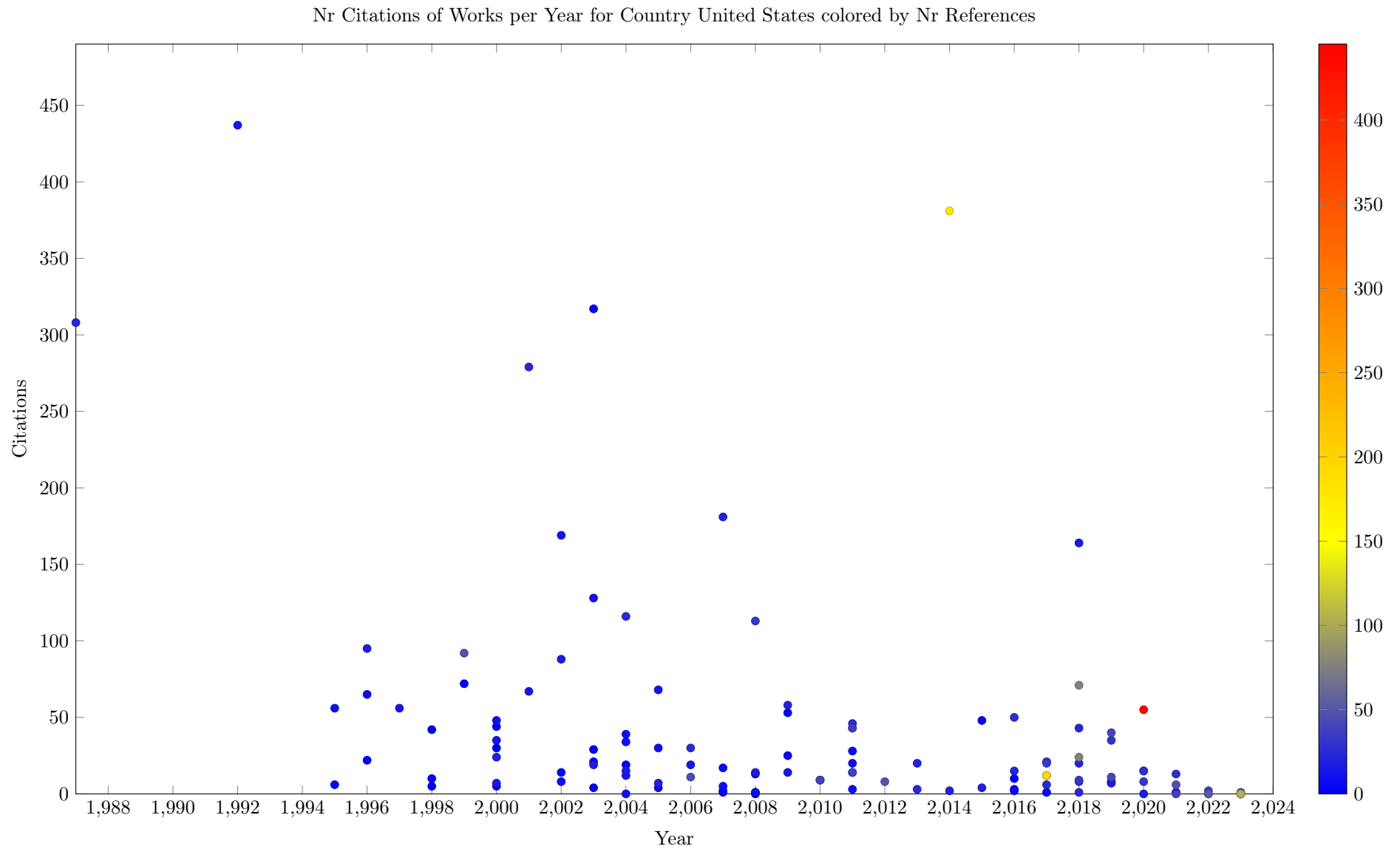
The next plot shows the number of papers associated to institutions, as stated in the Scopus affiliation. A work is counted, if at least one of the affiliations is from a given institution. Due to the format of the Scopus data, we cannot fractionally assign a paper based on the author affiliations, each paper is counted one for every institution for which an affiliation is given. If some author has multiple affiliations listed, we (mis)count the work for each of them.

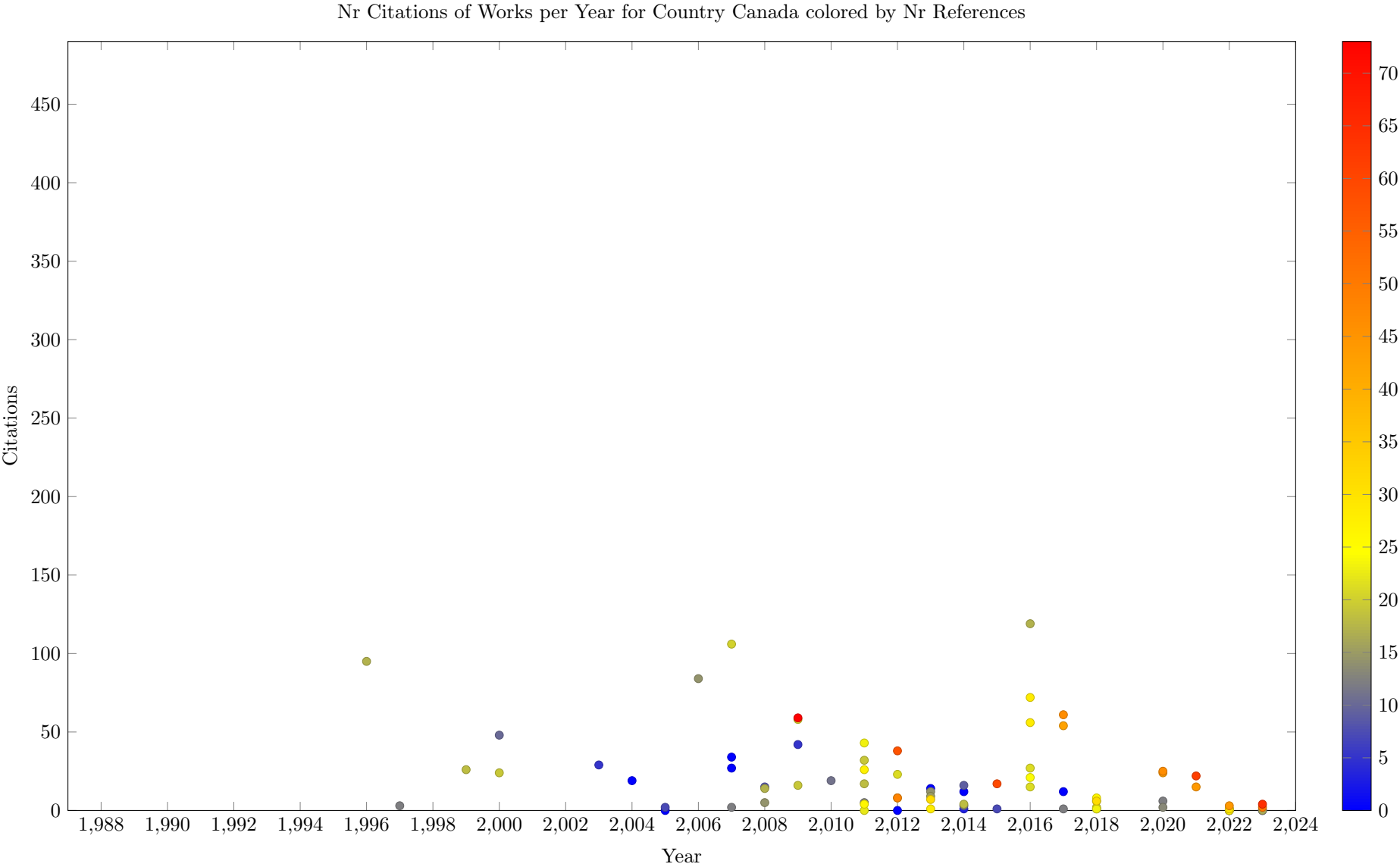


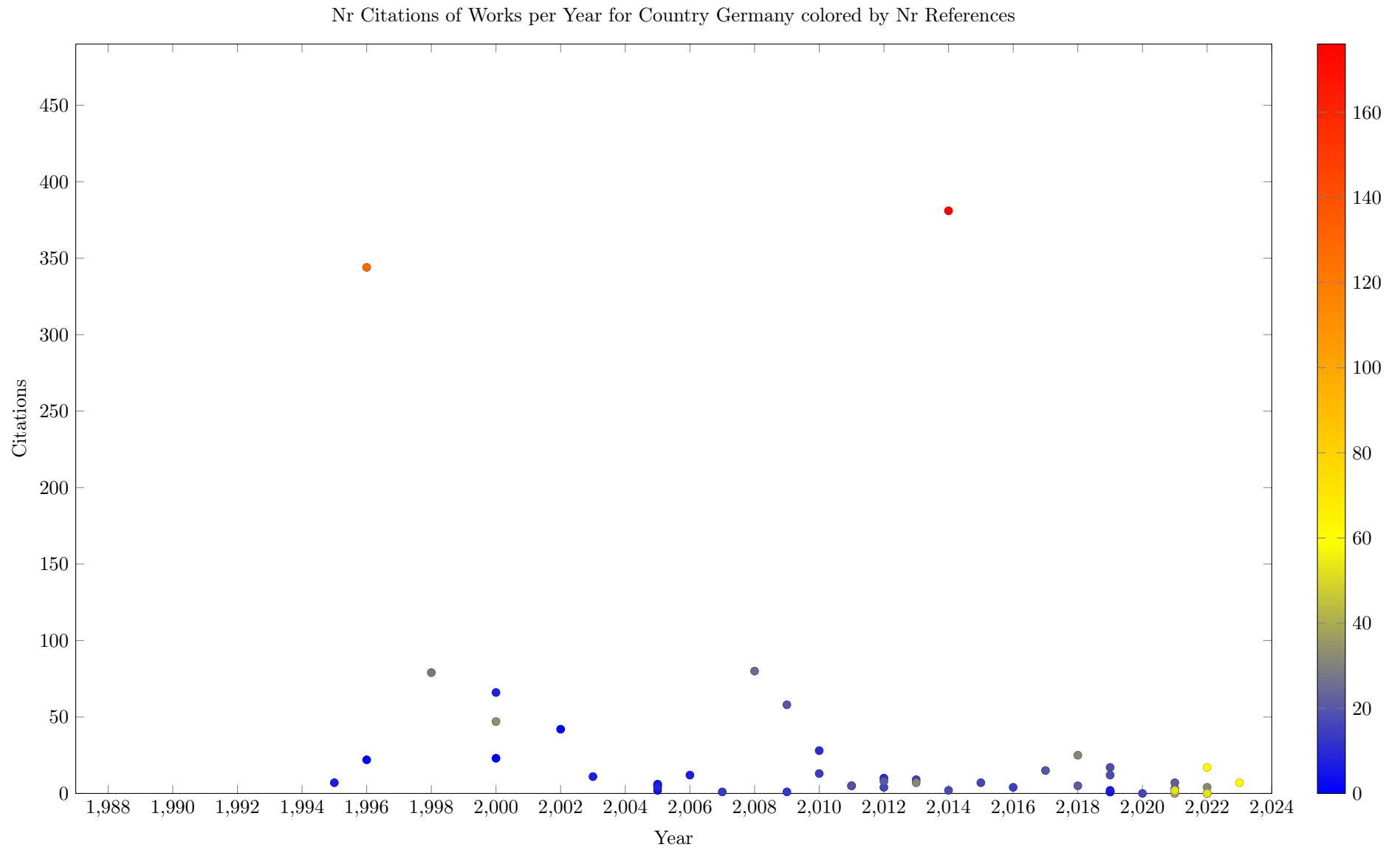
The following plots show for the top 30 countries when the works included were published, and how many citations (OpenCitation count) each paper had. The scatter plots are colored by the number of references (OpenCitation count), this help to identify surveys more easily. The plot gives an indication in which period the work from the country falls, and how influential the published works are. The x and y ranges of all plots are uniform to allow comparison between plots.

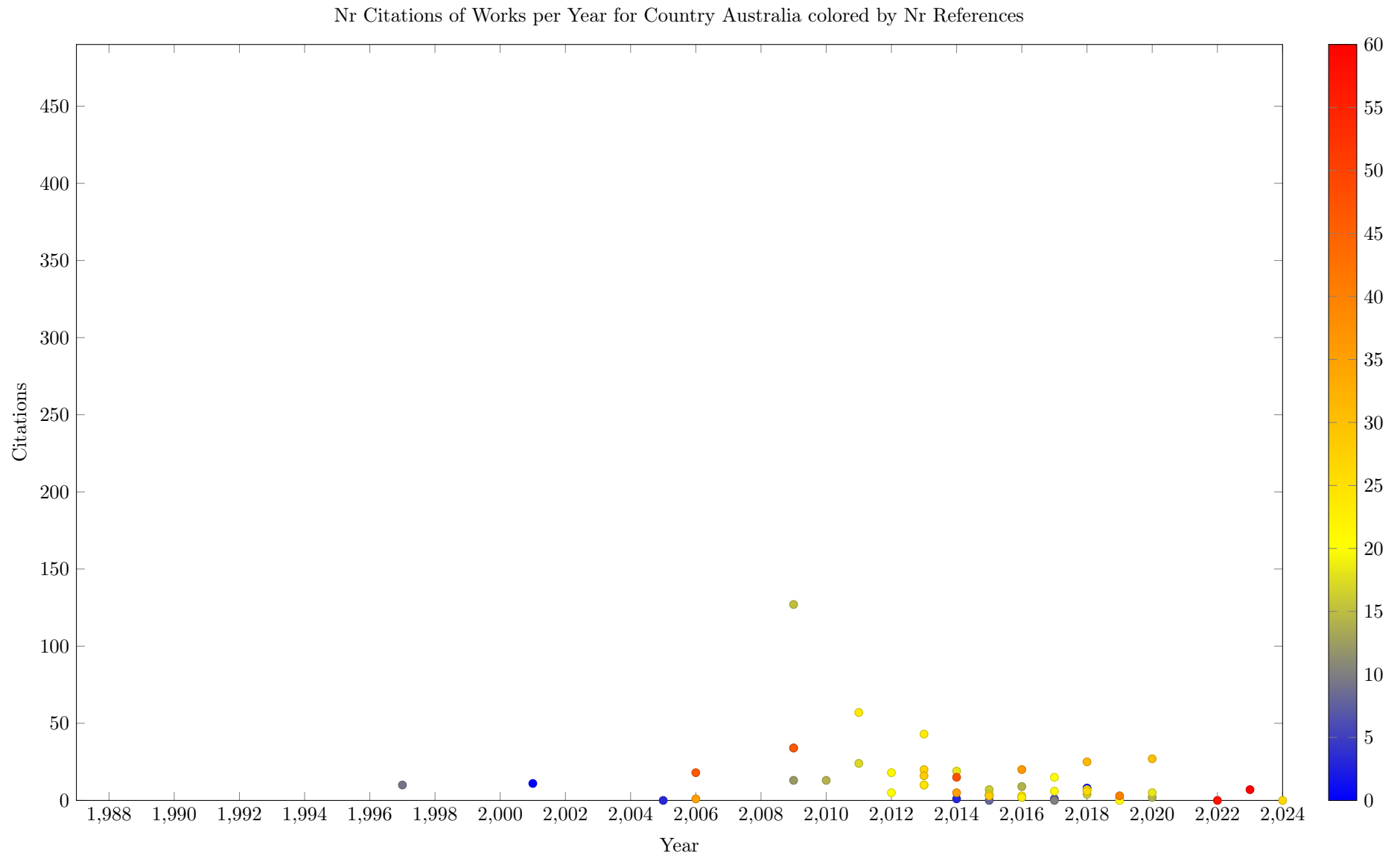
It would be nice to have tooltips on the plots, so identify specific works in the plots. This is currently not supported by the framework library used.

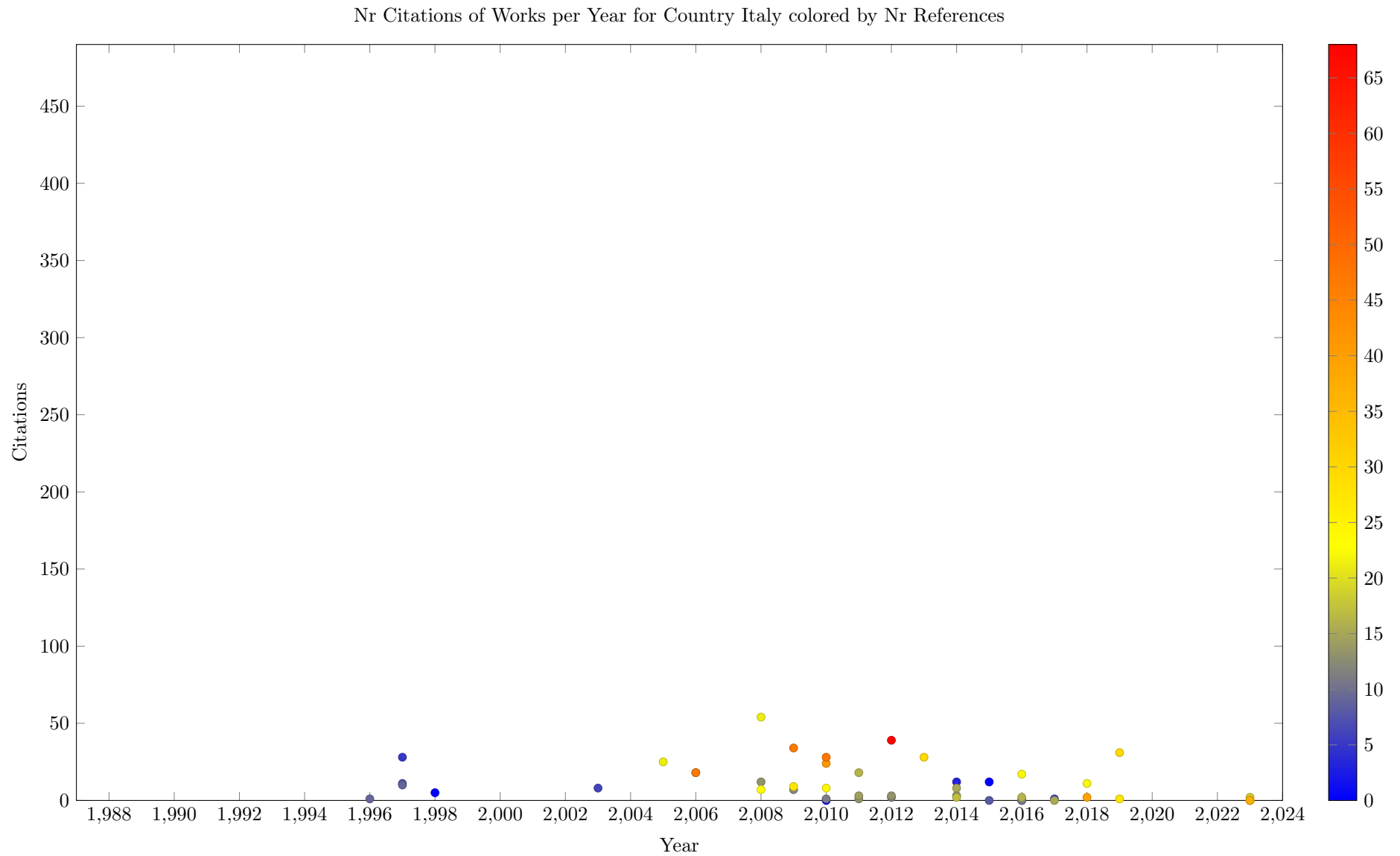


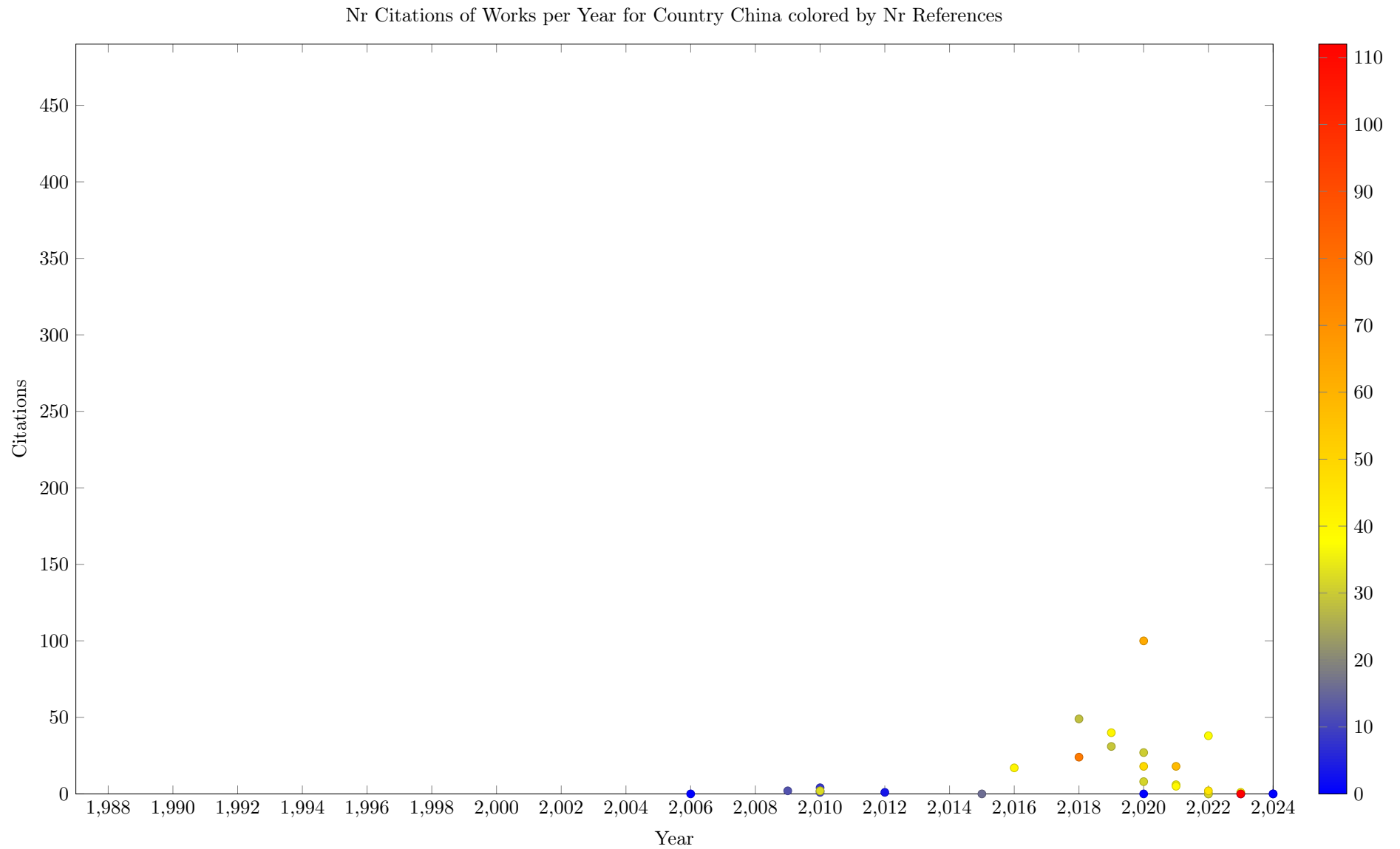


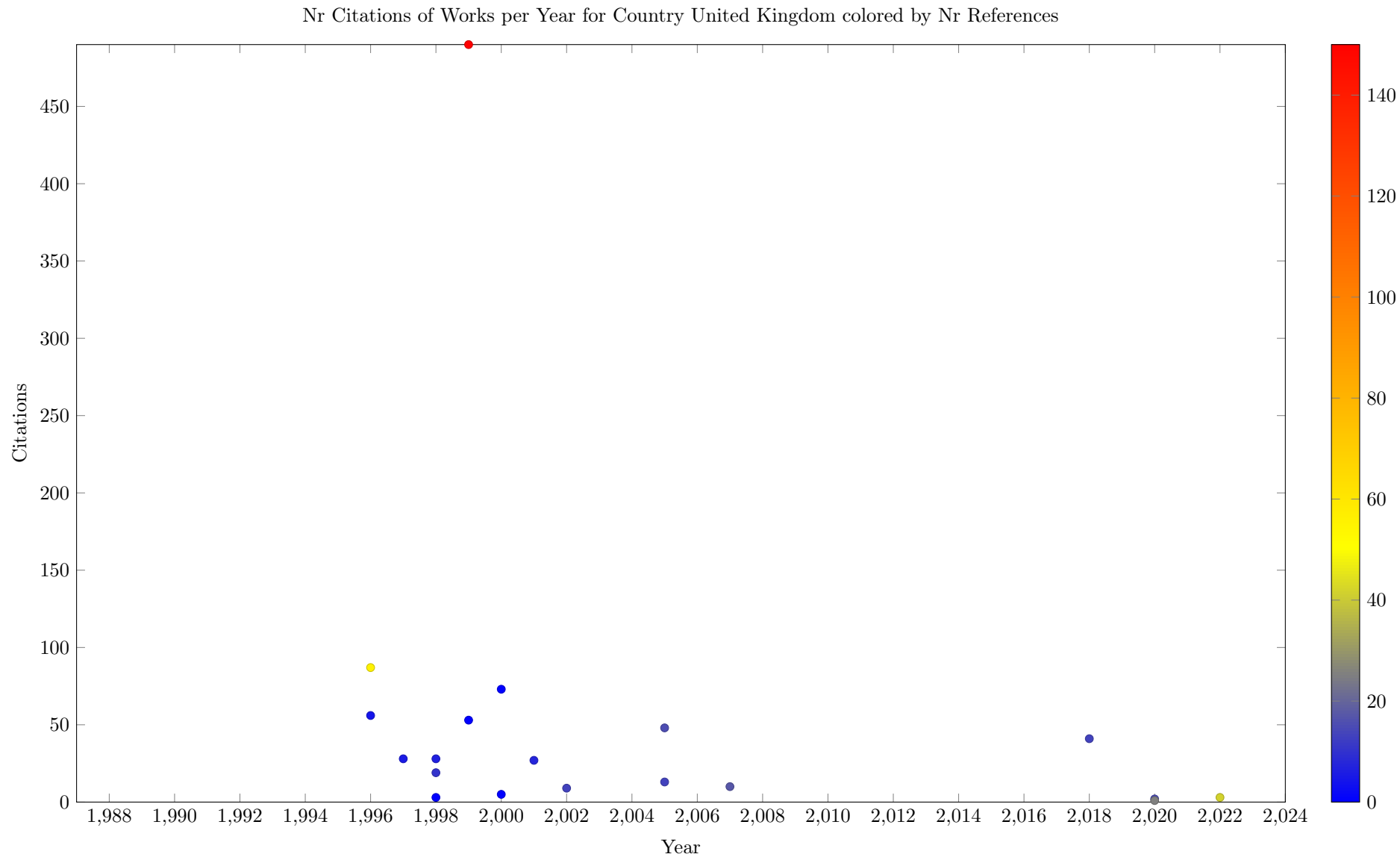


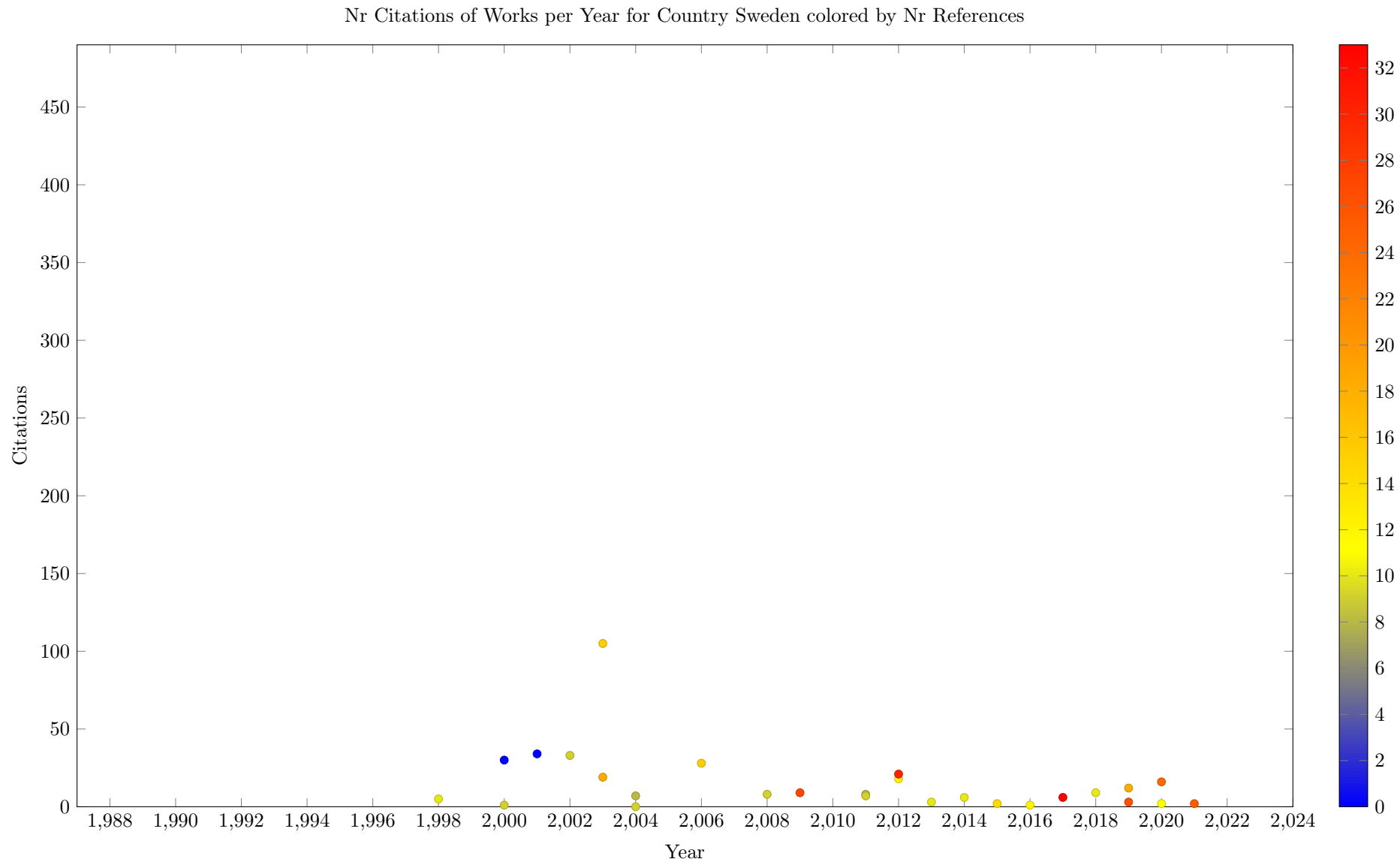


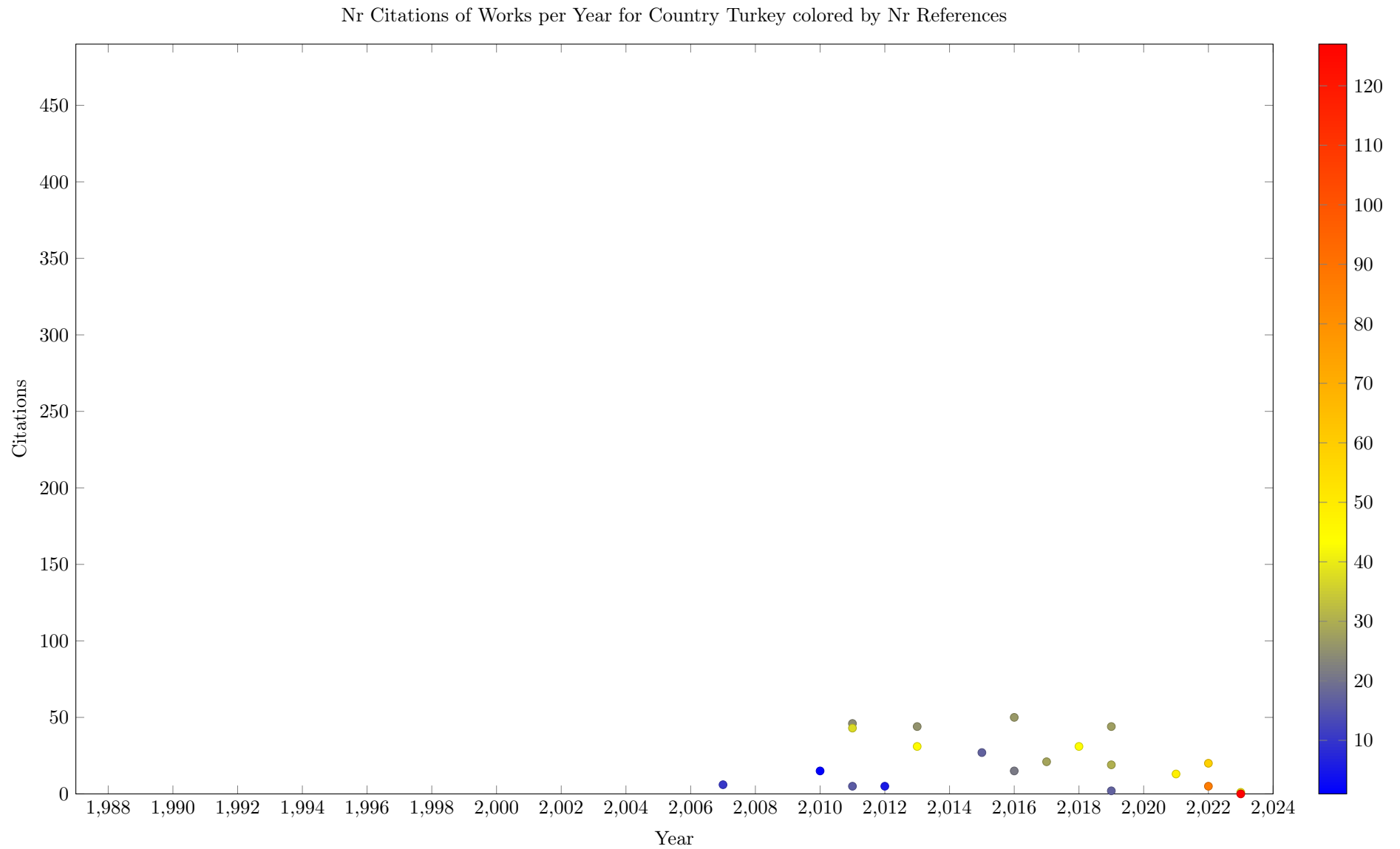


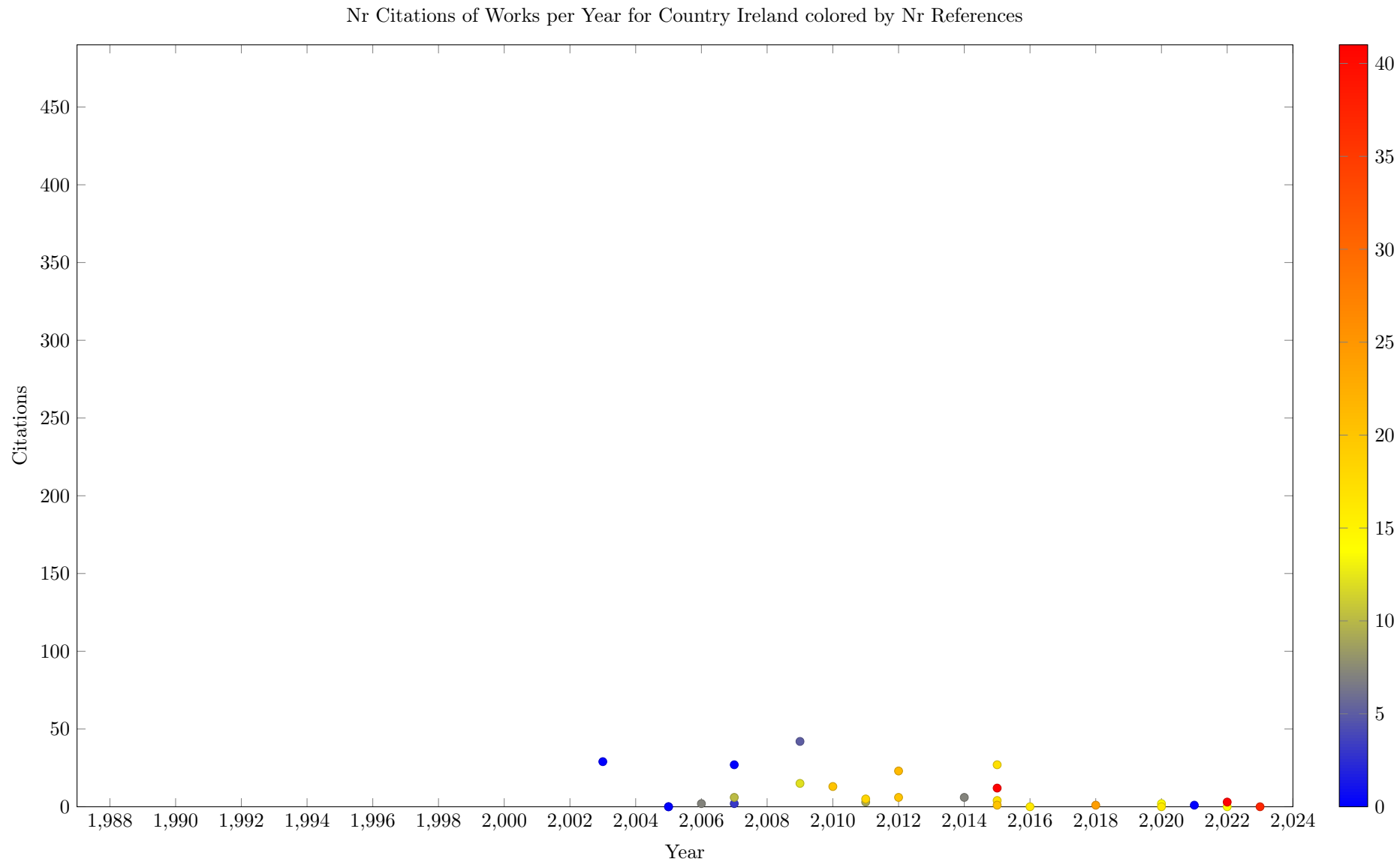


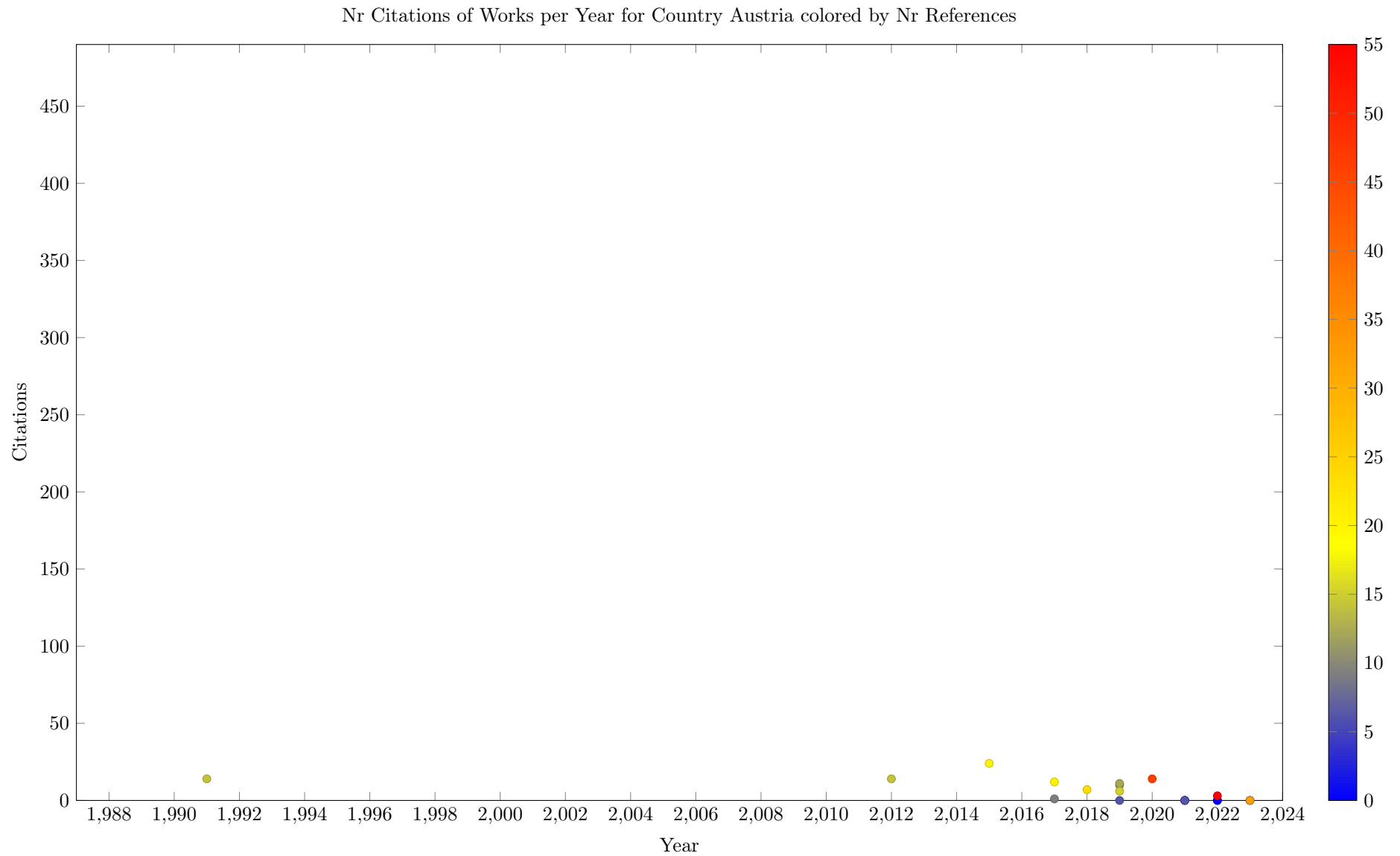


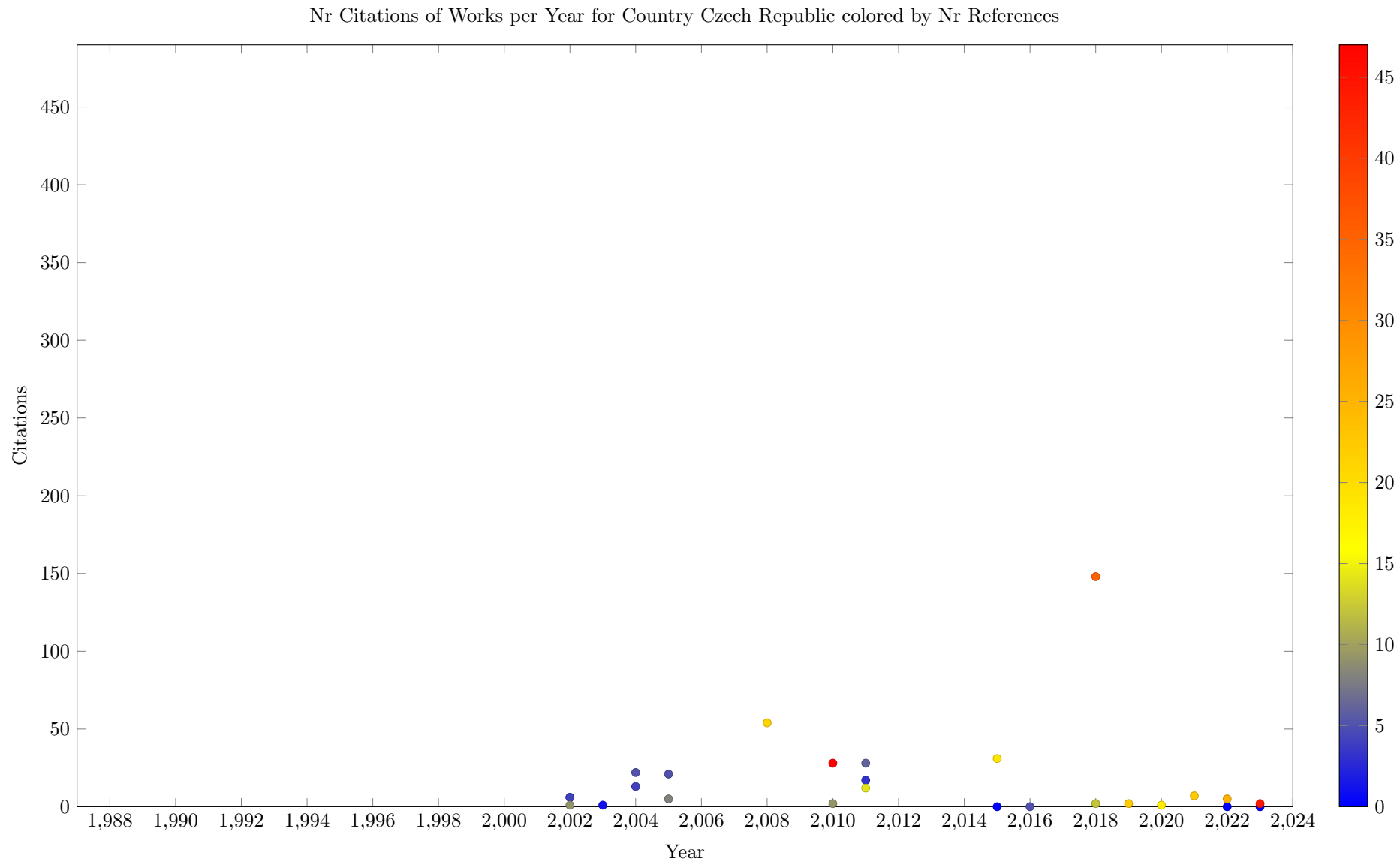


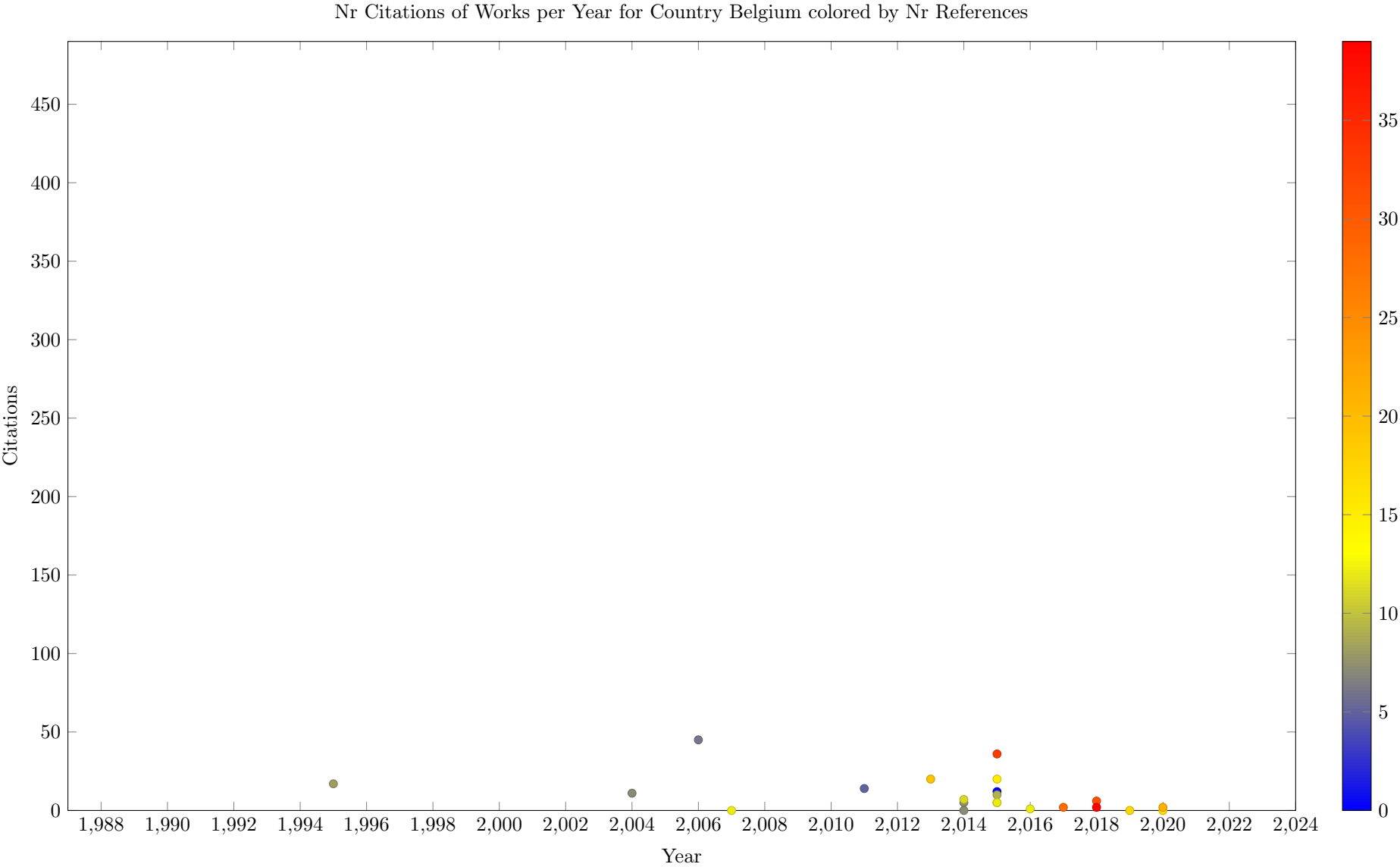


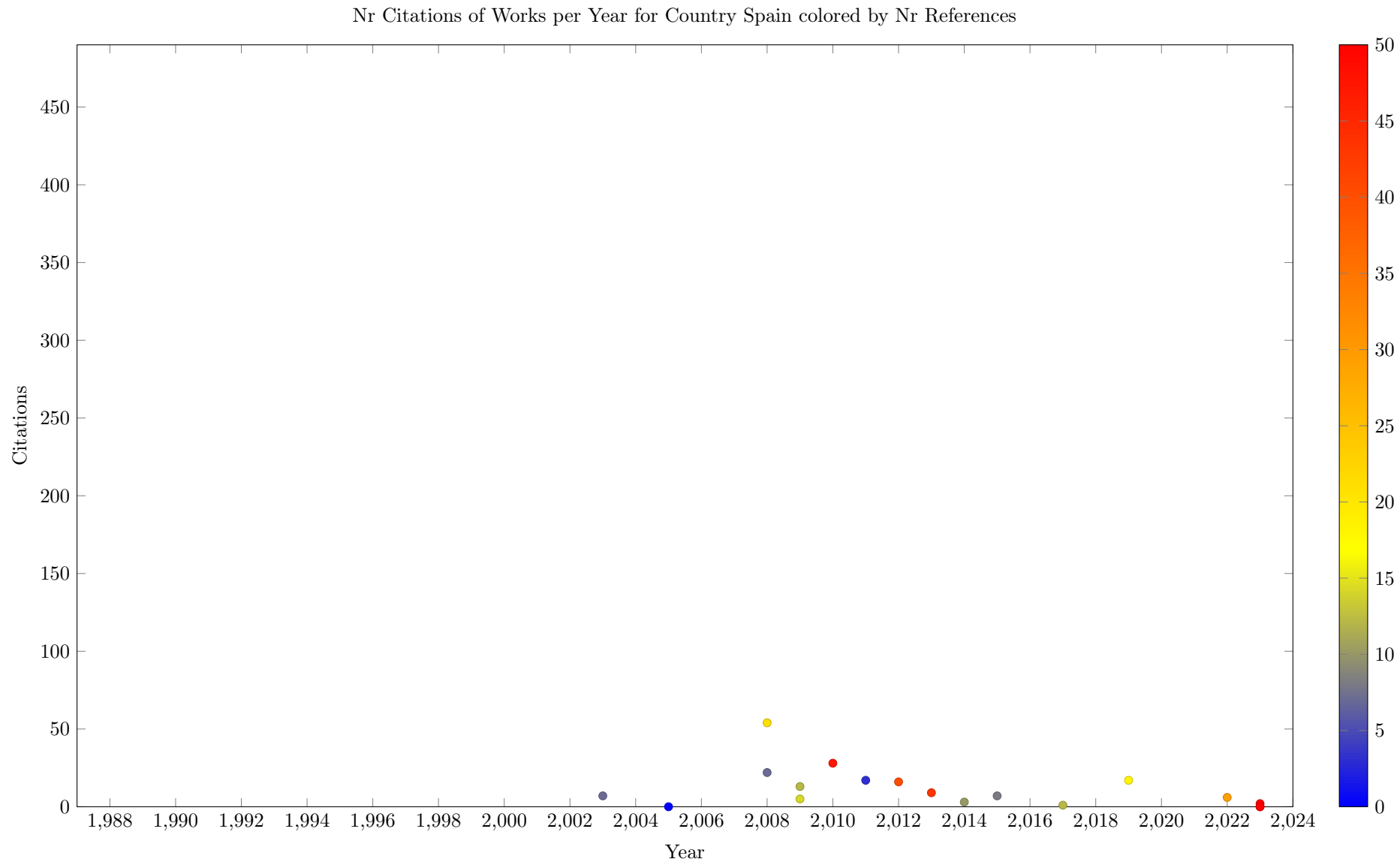


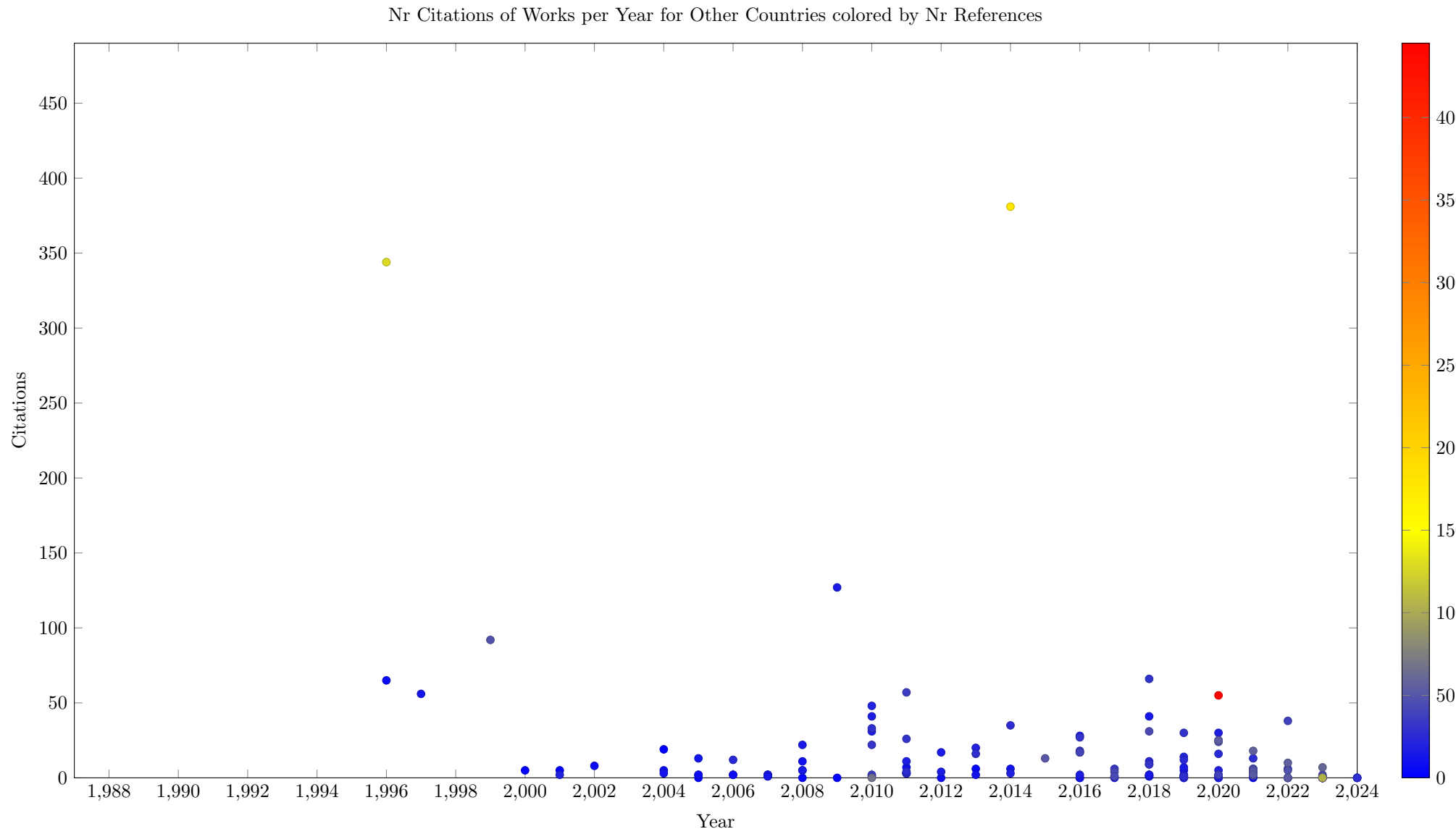






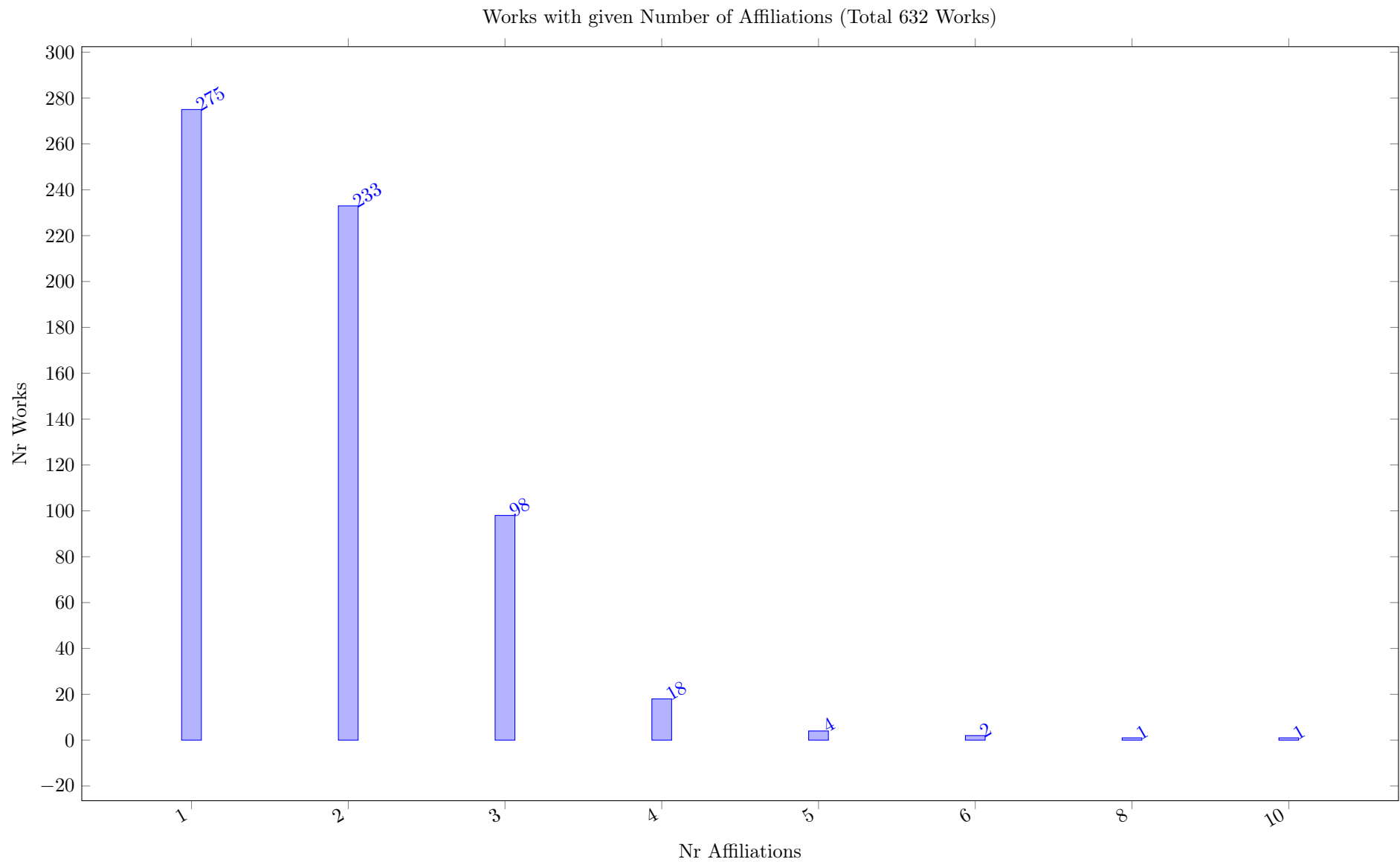




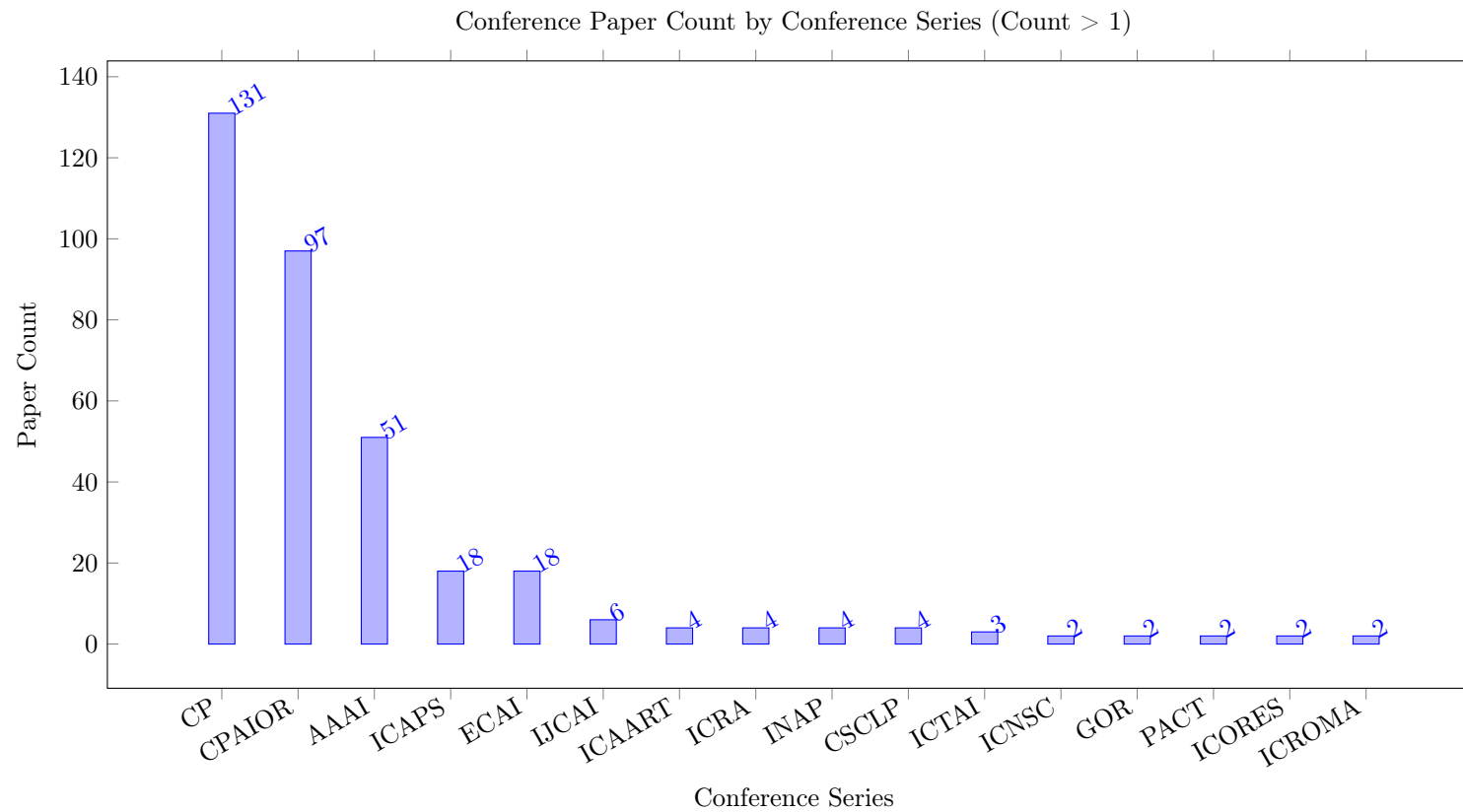


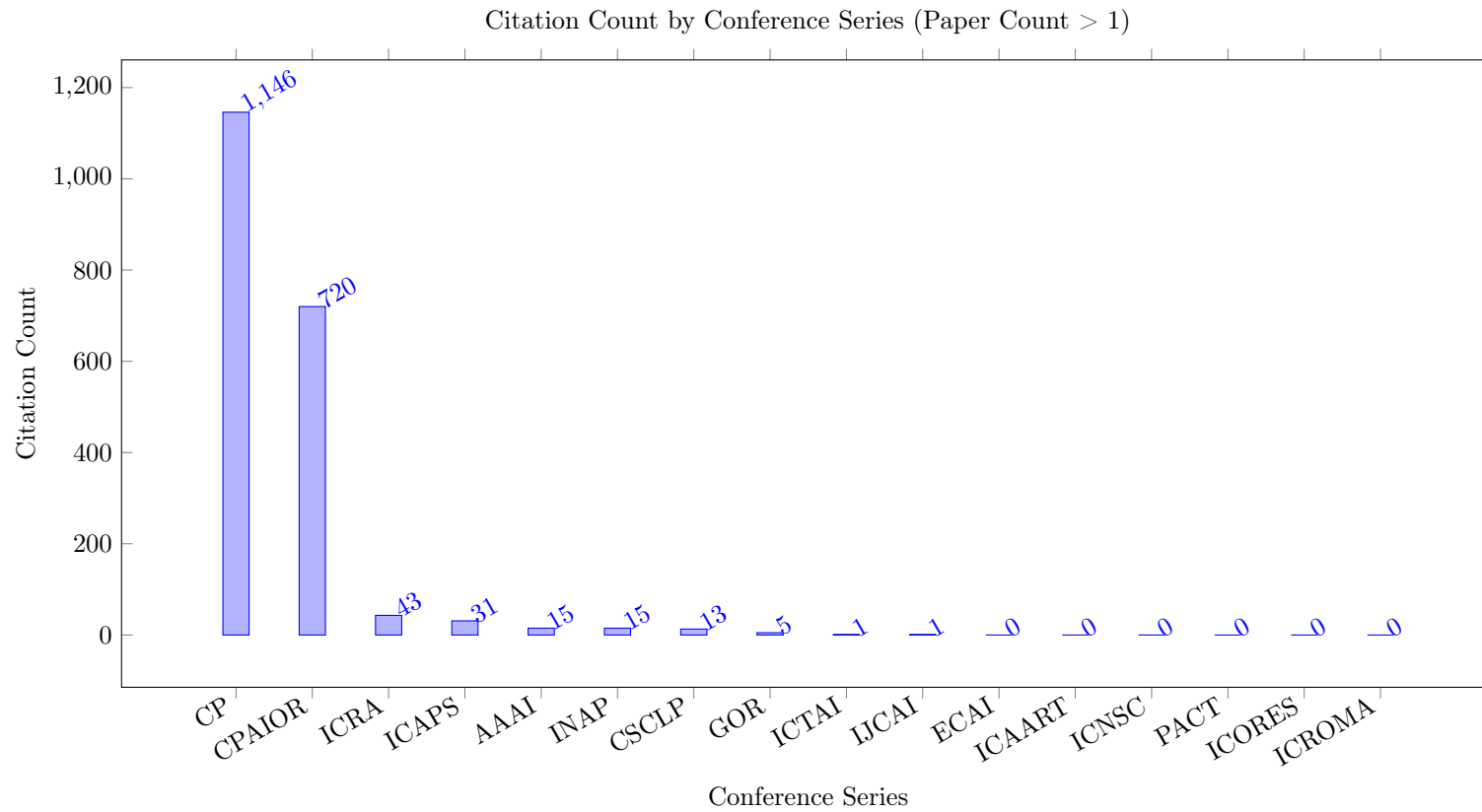
3 Collaborations

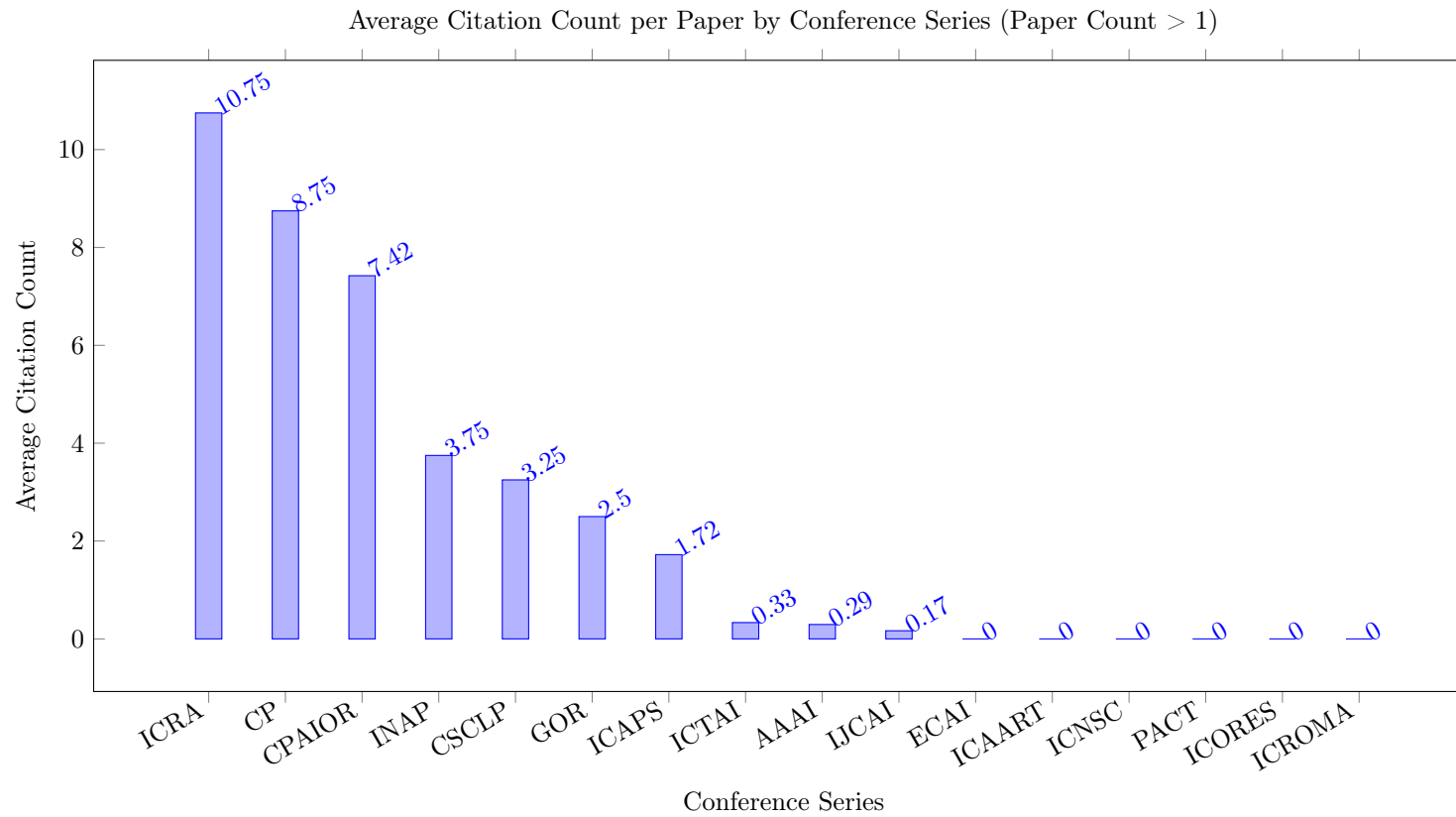
This section shows data about collaborations between multiple affiliations for the same work. This is based on Scopus data, which associates the affiliation with the work, not with each author of the work. The analysis excludes background work.



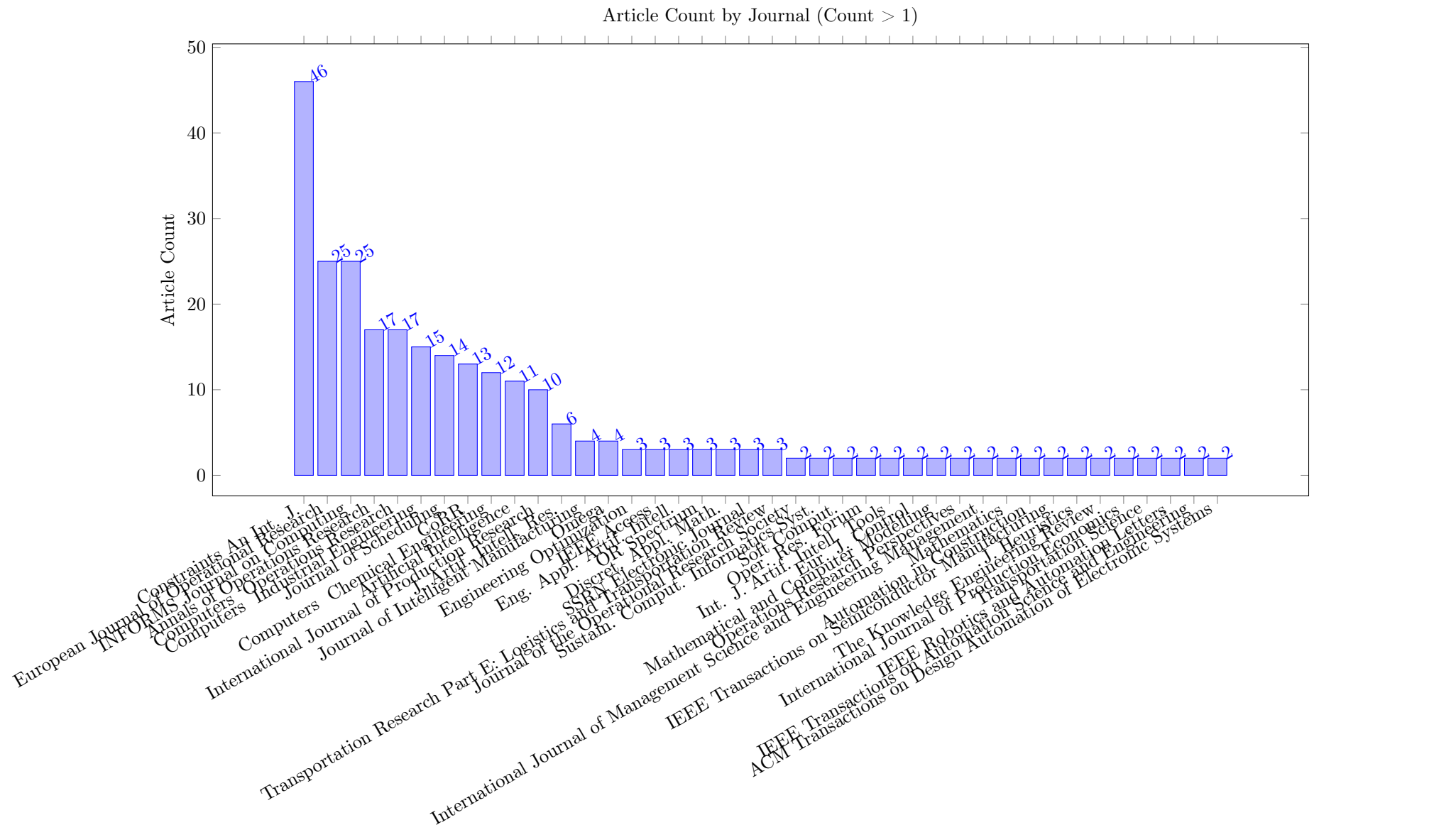
4 Conference Papers by Most Common Conference Series

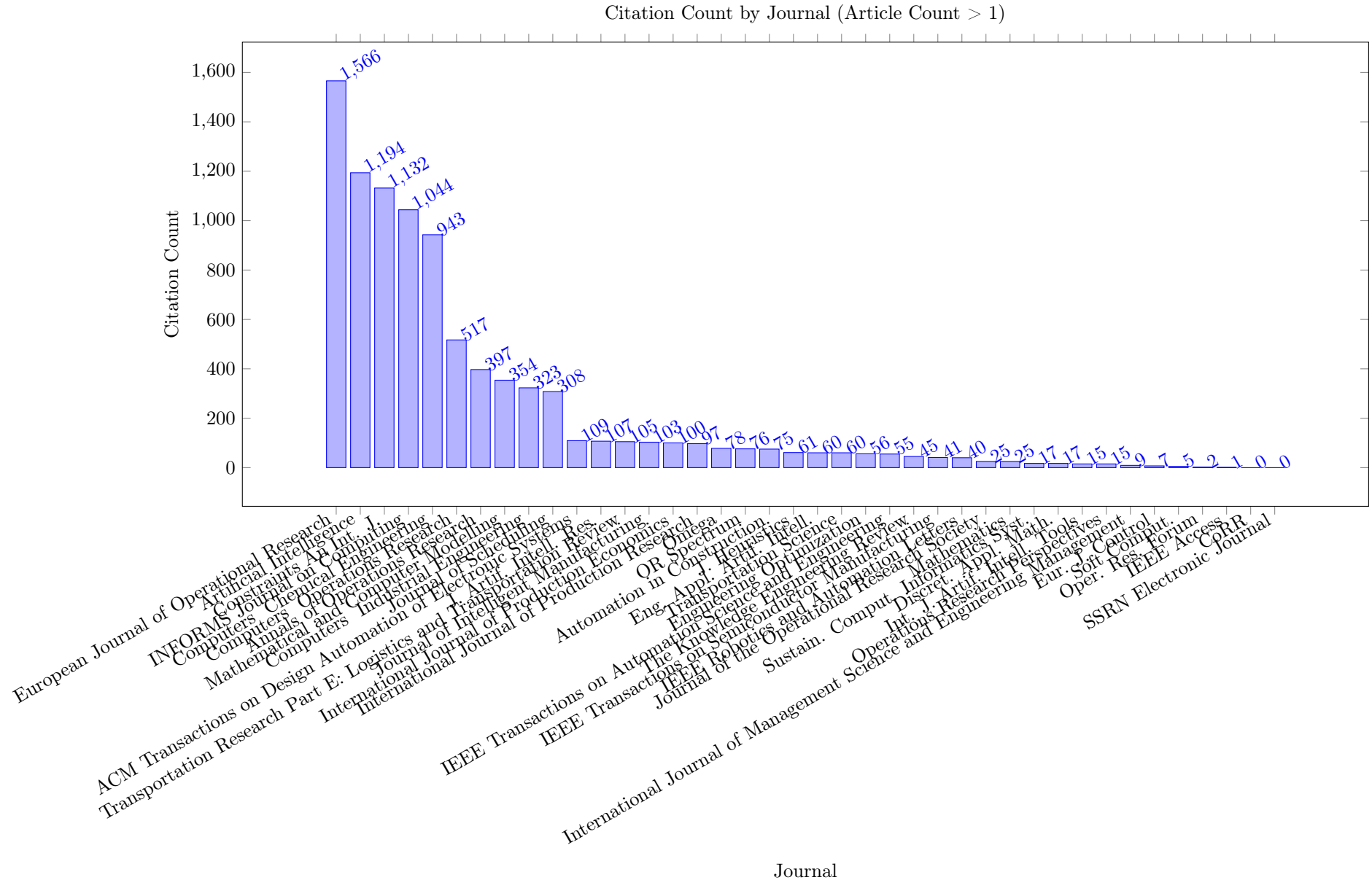


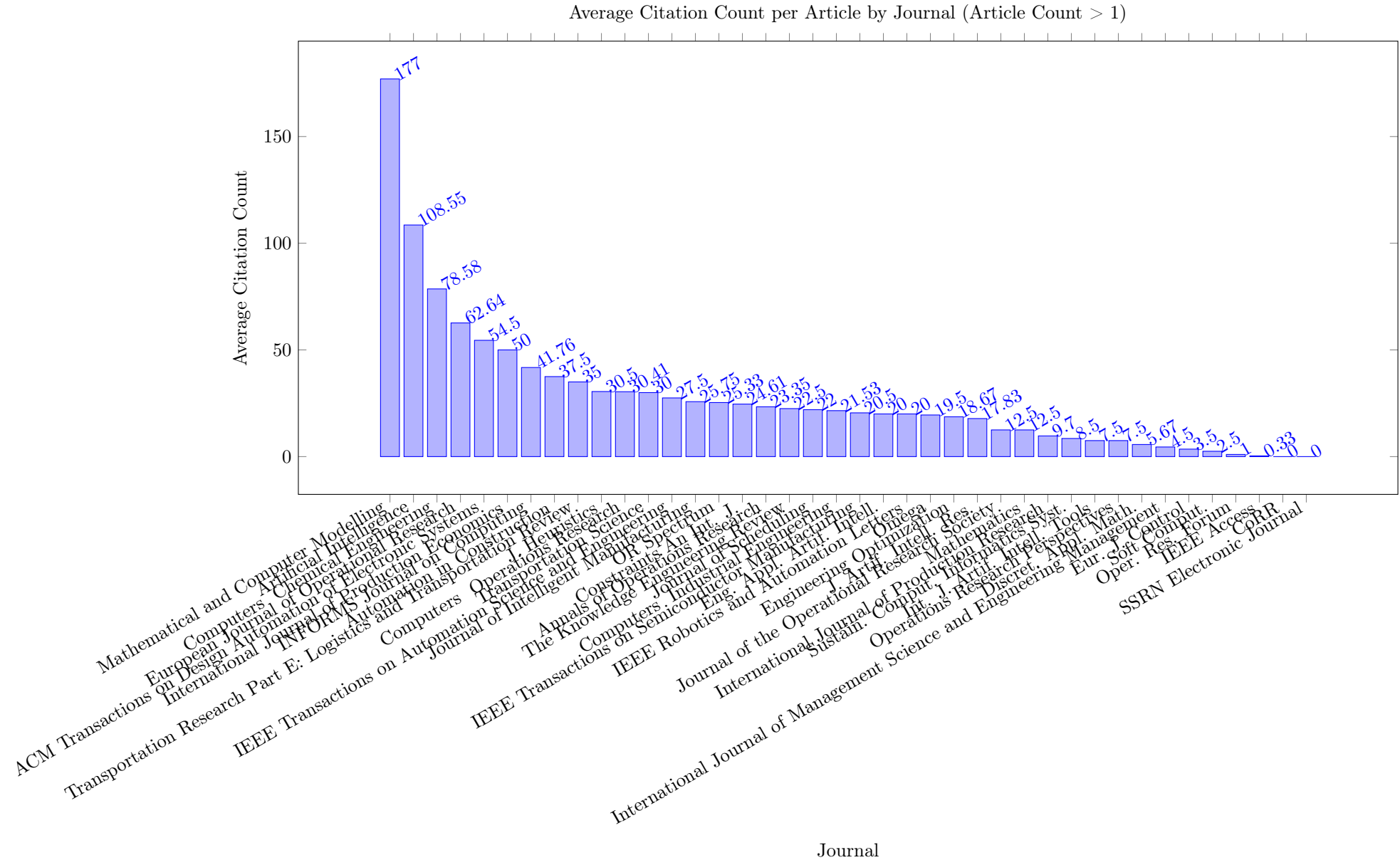




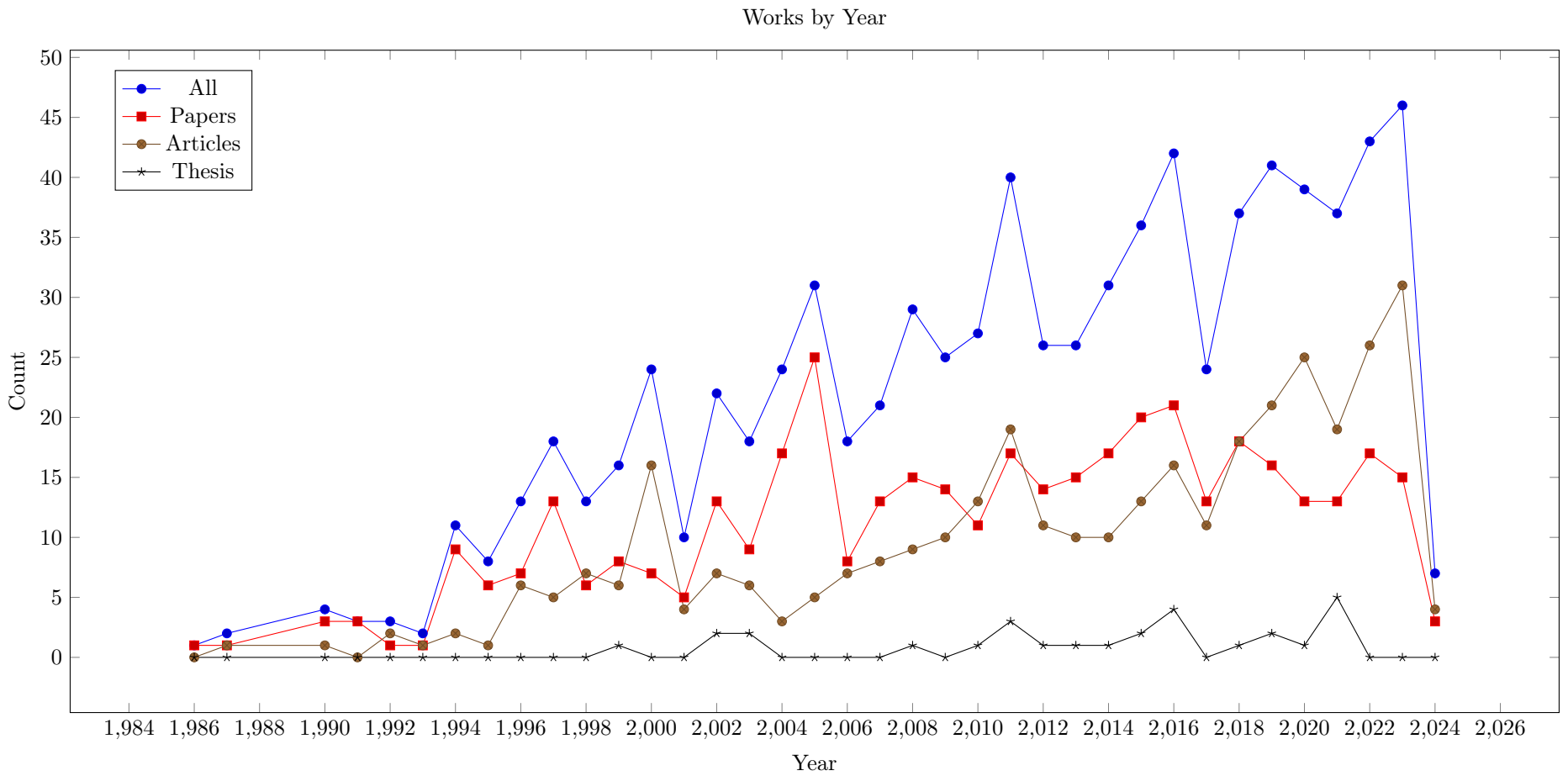
5 Journal Articles by Most Common Journals

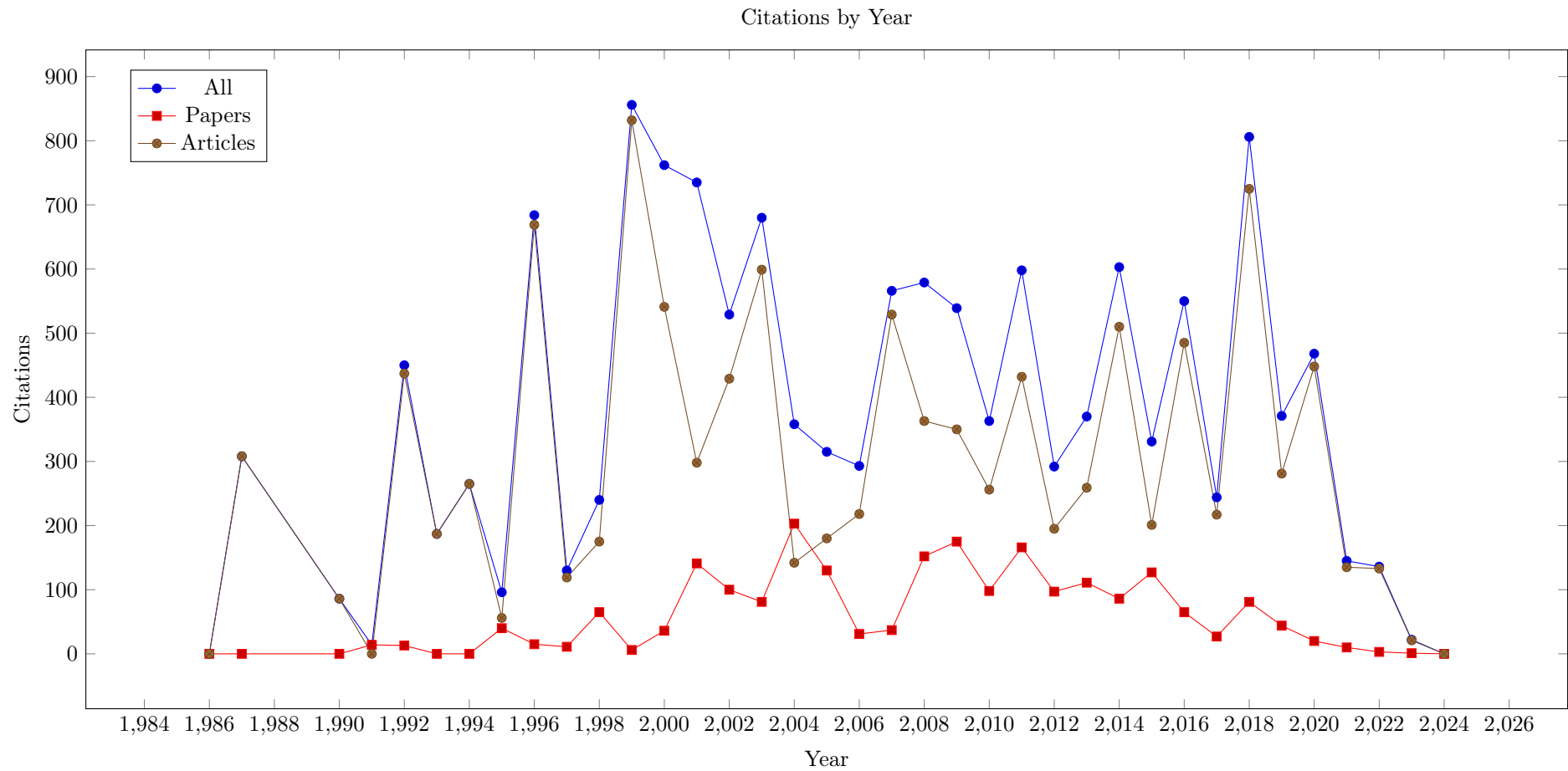


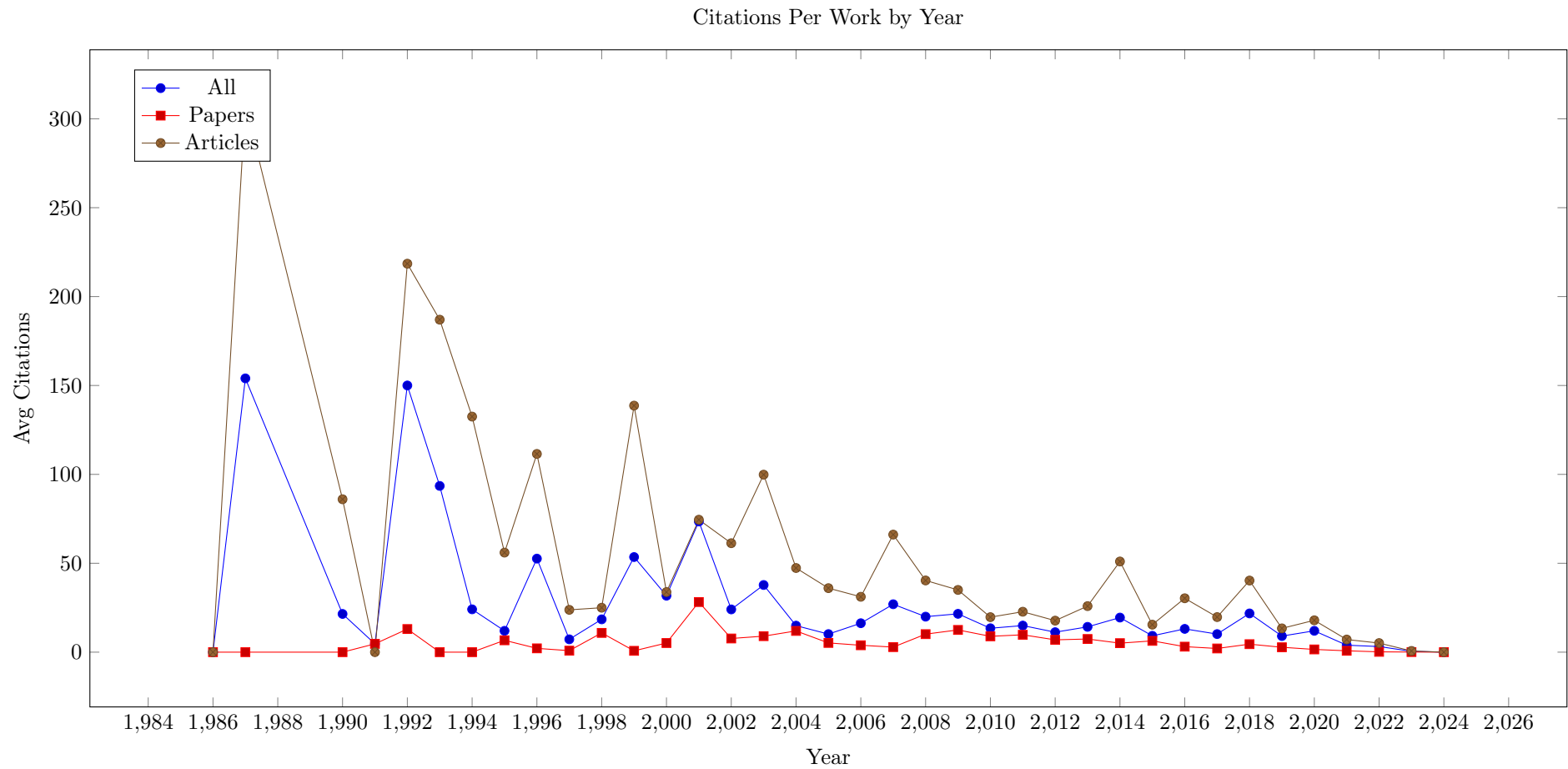




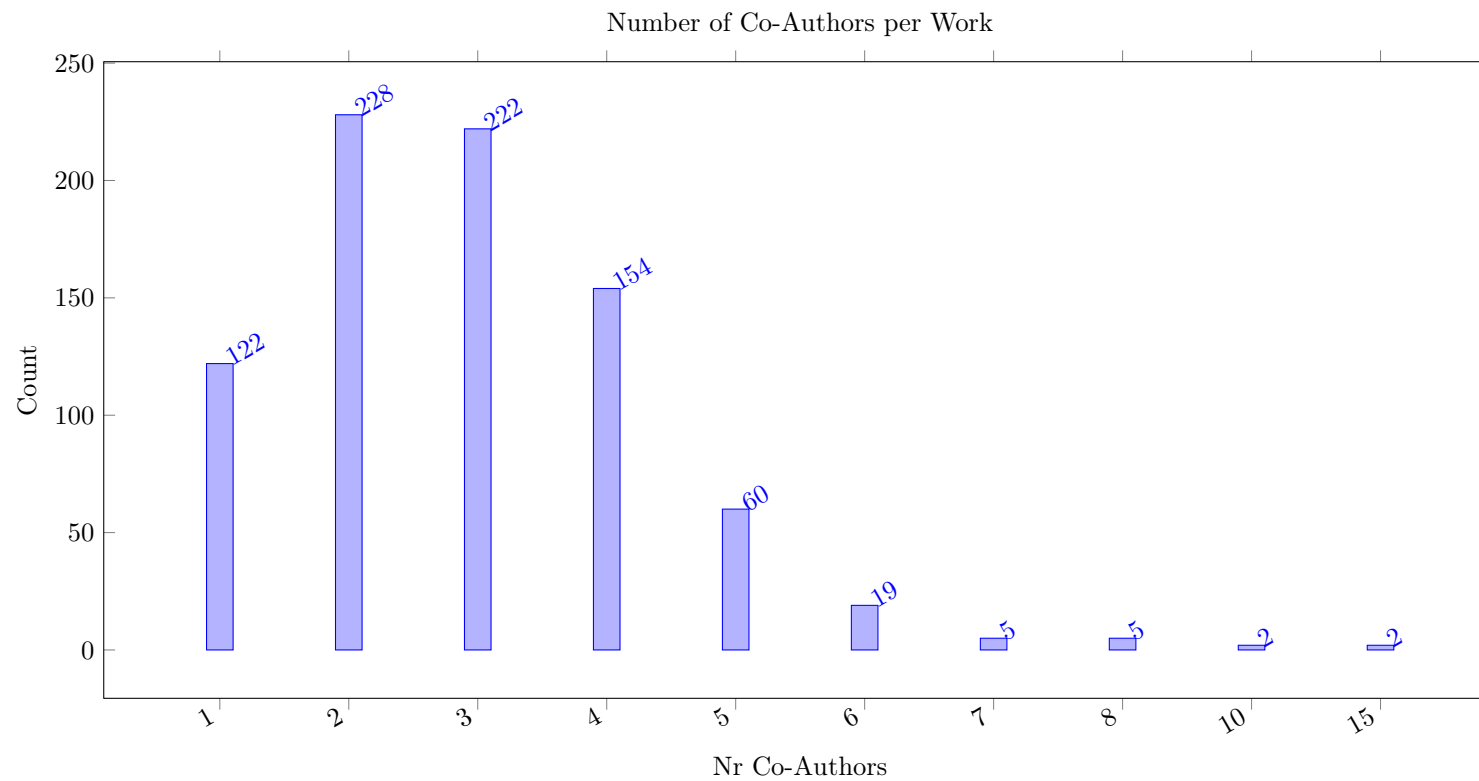
6 Works by Year



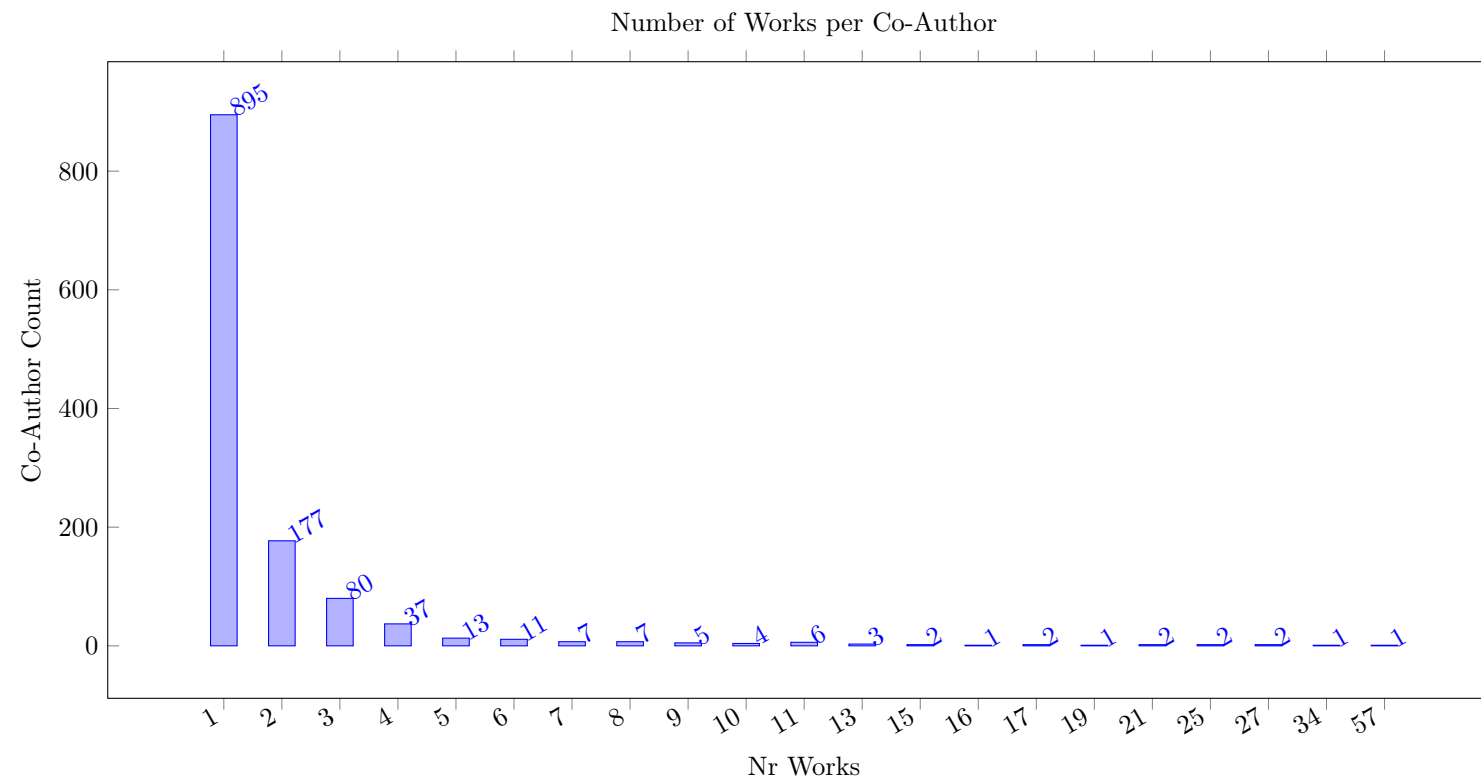




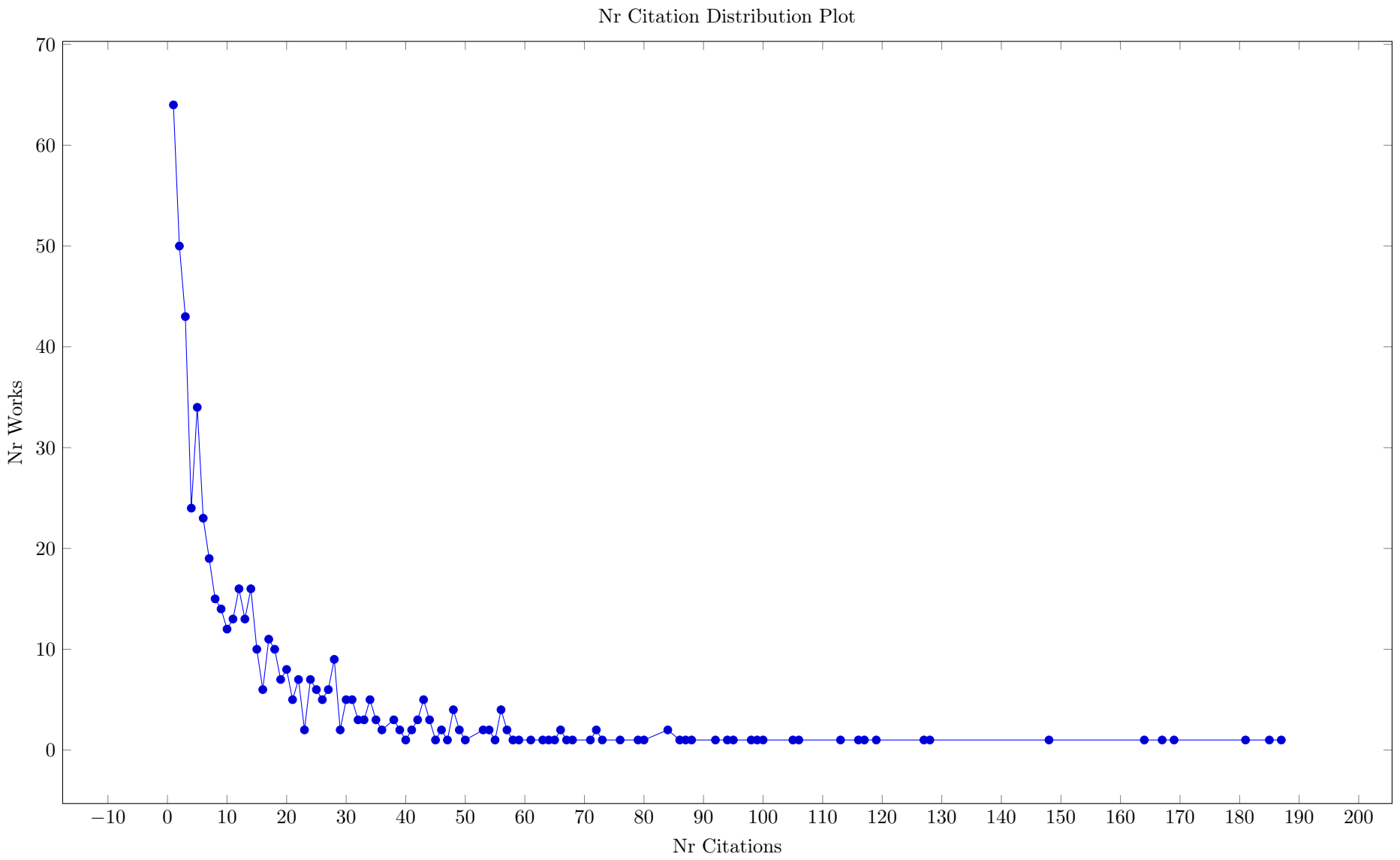
7 Number of Coauthors per Work



8 Number of Works per Author



9 Citation Distribution



10 Similarity Measures

The following distribution plot shows the similarity values between two works based on citations and references counts. If either work does not have citation and reference values, then the similarity is set to NaN. The total similarity count is the sum of the similarity for citations and for references. As value we compute the ratio of shared references (citations) to the sum of individual references (citations), multiplied by two. So both the citation and reference similarity range between zero and one, and the sum ranges between zero and two. High values are exceedingly rare, as they require both works to be citing the same papers, and being cited by the same papers. A larger value indicates that items are more similar according to this measure. In the plot we group values into 0.1 wide value bins, so an entry for 0.2 includes values from 0.15 to 0.25.

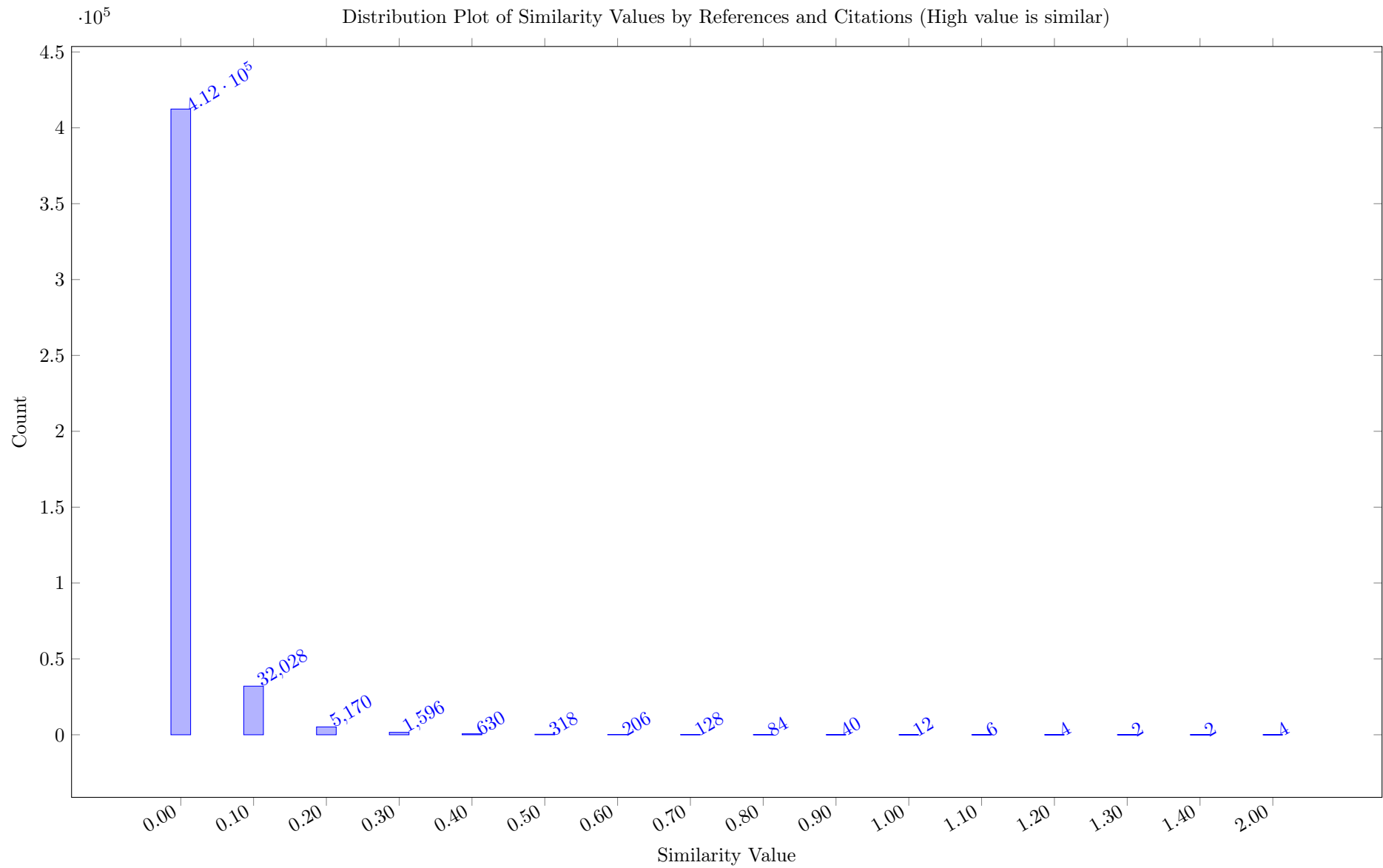
We observe that high values of this similarity are often found for two works by the same authors that are close in time, where we assume that the bibliography is based on the same literature survey.

Table 6: Similarity Measure (*1000) based on References and Citations (high = similar)

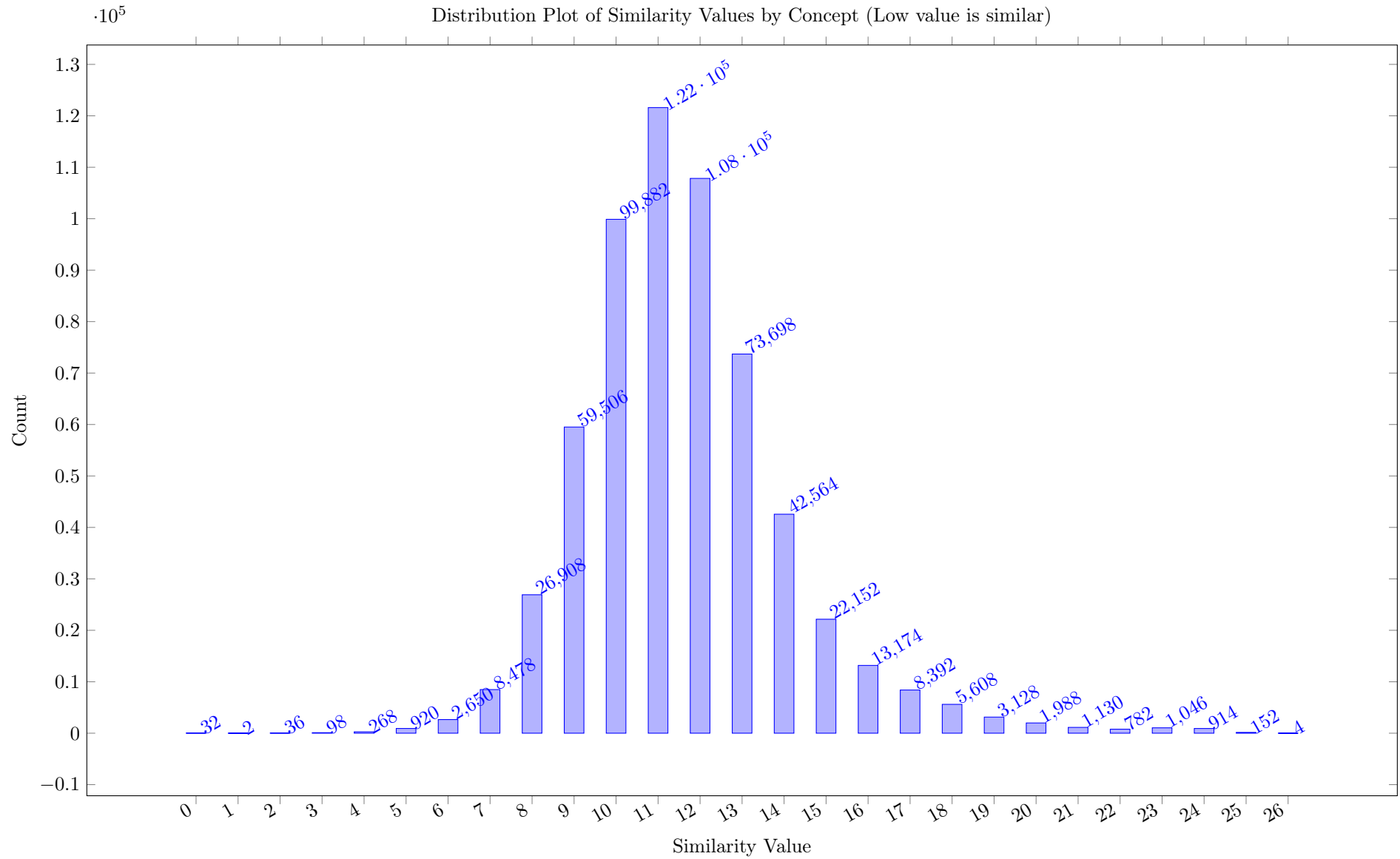
| From /To Total | Total | Hooker05 | OuelletQ13 | KameugneFSN14 | ChuX05 | SchuttW10 | CireCH16 | Beck10 | OuelletQ18 | SchuttFS13a | CobanH11 | CireCH13 | Hooker05a | KameugneF13 | Hooker07 | AronHY2004 | KameugneFSN11 | Wolf03 | HeinzKB13 | Hooker06 | GayHS15a | LetortCB15 | MercierH08 | Other |
|-------------------|--------|----------|------------|---------------|--------|-----------|----------|--------|------------|-------------|----------|----------|-----------|-------------|----------|------------|---------------|--------|-----------|----------|----------|------------|------------|--------|
| | | 34,713 | 34,116 | 33,220 | 31,683 | 31,405 | 31,065 | 30,417 | 30,133 | 29,232 | 28,550 | 27,722 | 27,690 | 27,468 | 27,383 | 26,563 | 25,933 | 25,924 | 25,878 | 25,787 | 25,673 | 25,478 | 25,425 | |
| Hooker05 | 34,713 | 0 | 80 | 95 | 840 | 80 | 548 | 638 | 74 | 53 | 497 | 468 | 1,020 | 133 | 859 | 483 | 100 | 111 | 257 | 776 | 87 | 80 | 125 | 27,309 |
| OuelletQ13 | 34,116 | 80 | 0 | 917 | 74 | 757 | 57 | 80 | 800 | 605 | 39 | 0 | 0 | 778 | 0 | 54 | 627 | 190 | 138 | 0 | 774 | 571 | 333 | 27,242 |
| KameugneFSN14 | 33,220 | 95 | 917 | 0 | 87 | 732 | 65 | 95 | 872 | 555 | 43 | 0 | 0 | 595 | 0 | 61 | 632 | 118 | 80 | 0 | 455 | 417 | 477 | 26,924 |
| ChuX05 | 31,683 | 840 | 74 | 87 | 0 | 74 | 483 | 521 | 69 | 50 | 508 | 639 | 702 | 118 | 593 | 347 | 91 | 100 | 214 | 712 | 80 | 74 | 111 | 25,196 |
| SchuttW10 | 31,405 | 80 | 757 | 732 | 74 | 0 | 57 | 80 | 611 | 596 | 39 | 0 | 0 | 754 | 0 | 54 | 735 | 179 | 69 | 0 | 231 | 286 | 566 | 25,505 |
| CireCH16 | 31,065 | 548 | 57 | 65 | 483 | 57 | 0 | 551 | 54 | 42 | 897 | 838 | 452 | 80 | 632 | 227 | 67 | 71 | 417 | 529 | 61 | 57 | 77 | 24,803 |
| Beck10 | 30,417 | 638 | 80 | 95 | 521 | 80 | 551 | 0 | 74 | 53 | 576 | 476 | 503 | 133 | 387 | 351 | 100 | 111 | 154 | 491 | 87 | 80 | 125 | 24,751 |
| OuelletQ18 | 30,133 | 74 | 800 | 872 | 69 | 611 | 54 | 74 | 0 | 510 | 38 | 0 | 0 | 800 | 0 | 51 | 554 | 174 | 65 | 0 | 500 | 333 | 253 | 24,301 |
| SchuttFS13a | 29,232 | 53 | 605 | 555 | 50 | 596 | 42 | 53 | 510 | 0 | 31 | 0 | 0 | 360 | 0 | 40 | 296 | 123 | 190 | 0 | 308 | 293 | 293 | 24,834 |
| CobanH11 | 28,550 | 497 | 39 | 43 | 508 | 39 | 897 | 576 | 38 | 31 | 0 | 835 | 431 | 49 | 659 | 267 | 43 | 45 | 192 | 743 | 41 | 39 | 48 | 22,490 |
| CireCH13 | 27,722 | 468 | 0 | 0 | 639 | 0 | 838 | 476 | 0 | 0 | 835 | 0 | 485 | 0 | 688 | 323 | 0 | 0 | 316 | 737 | 0 | 0 | 0 | 21,917 |
| Hooker05a | 27,690 | 1,020 | 0 | 0 | 702 | 0 | 452 | 503 | 0 | 0 | 431 | 485 | 0 | 0 | 725 | 494 | 0 | 0 | 160 | 726 | 0 | 0 | 0 | 21,992 |
| KameugneF13 | 27,468 | 133 | 778 | 595 | 118 | 754 | 80 | 133 | 800 | 360 | 49 | 0 | 0 | 0 | 0 | 74 | 769 | 182 | 105 | 0 | 125 | 222 | 433 | 21,758 |
| Hooker07 | 27,383 | 859 | 0 | 0 | 593 | 0 | 632 | 387 | 0 | 0 | 659 | 688 | 725 | 0 | 0 | 326 | 0 | 0 | 198 | 860 | 0 | 0 | 0 | 21,456 |
| AronHY2004 | 26,563 | 483 | 54 | 61 | 347 | 54 | 227 | 351 | 51 | 40 | 267 | 323 | 494 | 74 | 326 | 0 | 63 | 67 | 158 | 337 | 57 | 54 | 71 | 22,604 |
| KameugneFSN11 | 25,933 | 100 | 627 | 632 | 91 | 735 | 67 | 100 | 554 | 296 | 43 | 0 | 0 | 769 | 0 | 63 | 0 | 125 | 83 | 0 | 286 | 261 | 440 | 20,661 |
| Wolf03 | 25,924 | 111 | 190 | 118 | 100 | 179 | 71 | 111 | 174 | 123 | 45 | 0 | 0 | 182 | 0 | 67 | 125 | 0 | 91 | 0 | 211 | 286 | 167 | 23,573 |
| HeinzKB13 | 25,878 | 257 | 138 | 80 | 214 | 69 | 417 | 154 | 65 | 190 | 192 | 316 | 160 | 105 | 198 | 158 | 83 | 91 | 0 | 143 | 74 | 69 | 100 | 22,605 |
| Hooker06 | 25,787 | 776 | 0 | 0 | 712 | 0 | 529 | 491 | 0 | 0 | 743 | 737 | 726 | 0 | 860 | 337 | 0 | 0 | 143 | 0 | 0 | 0 | 0 | 19,733 |
| GayHS15a | 25,673 | 87 | 774 | 455 | 80 | 231 | 61 | 87 | 500 | 308 | 41 | 0 | 0 | 125 | 0 | 57 | 286 | 211 | 74 | 0 | 0 | 462 | 118 | 21,716 |
| LetortCB15 | 25,478 | 80 | 571 | 417 | 74 | 286 | 57 | 80 | 333 | 293 | 39 | 0 | 0 | 222 | 0 | 54 | 261 | 286 | 69 | 0 | 462 | 0 | 105 | 21,789 |
| MercierH08 | 25,425 | 125 | 333 | 477 | 111 | 566 | 77 | 125 | 253 | 293 | 48 | 0 | 0 | 433 | 0 | 71 | 440 | 167 | 100 | 0 | 118 | 105 | 0 | 21,583 |
| Hooker04 | 25,081 | 893 | 39 | 0 | 622 | 38 | 370 | 469 | 0 | 34 | 299 | 313 | 1,114 | 0 | 662 | 520 | 0 | 0 | 208 | 649 | 0 | 0 | 28 | 18,823 |
| Vilim09 | 24,877 | 155 | 604 | 608 | 118 | 860 | 80 | 133 | 429 | 287 | 49 | 0 | 0 | 694 | 0 | 74 | 837 | 237 | 164 | 0 | 125 | 111 | 643 | 18,669 |
| SchuttFSW11 | 24,323 | 0 | 303 | 367 | 0 | 493 | 0 | 79 | 237 | 646 | 0 | 0 | 0 | 46 | 148 | 25 | 0 | 188 | 29 | 30 | 204 | 216 | 135 | 21,177 |
| CobanH10 | 24,265 | 378 | 0 | 0 | 364 | 0 | 617 | 471 | 0 | 0 | 478 | 667 | 572 | 0 | 431 | 268 | 0 | 0 | 167 | 669 | 0 | 0 | 0 | 19,183 |
| GrimesH15 | 24,018 | 38 | 36 | 78 | 37 | 36 | 32 | 38 | 35 | 29 | 26 | 0 | 0 | 89 | 10 | 31 | 80 | 208 | 36 | 0 | 38 | 73 | 87 | 22,981 |
| LetortBC12 | 23,838 | 0 | 851 | 689 | 0 | 541 | 0 | 87 | 381 | 468 | 0 | 0 | 0 | 250 | 0 | 0 | 415 | 105 | 0 | 0 | 507 | 615 | 280 | 18,649 |
| KameugneFGOQ18 | 23,703 | 87 | 538 | 455 | 80 | 374 | 61 | 87 | 714 | 359 | 41 | 0 | 0 | 411 | 0 | 57 | 536 | 105 | 74 | 0 | 667 | 308 | 178 | 18,571 |
| BeldiceanuC02 | 23,615 | 100 | 352 | 313 | 91 | 261 | 67 | 100 | 314 | 224 | 43 | 0 | 63 | 308 | 0 | 63 | 311 | 386 | 167 | 0 | 243 | 261 | 327 | 19,621 |
| Wolf05 | 23,159 | 105 | 273 | 111 | 95 | 182 | 69 | 105 | 167 | 57 | 44 | 0 | 0 | 167 | 0 | 65 | 118 | 800 | 87 | 0 | 200 | 273 | 154 | 20,087 |
| LetortCB13 | 23,144 | 95 | 500 | 400 | 87 | 333 | 65 | 95 | 231 | 270 | 43 | 0 | 0 | 286 | 0 | 61 | 516 | 235 | 80 | 0 | 364 | 833 | 133 | 18,517 |
| SimonisH11 | 23,085 | 100 | 522 | 316 | 91 | 261 | 67 | 100 | 320 | 167 | 43 | 0 | 0 | 308 | 0 | 63 | 333 | 250 | 167 | 0 | 286 | 348 | 143 | 19,200 |
| SchuttFSW15 | 23,042 | 51 | 286 | 211 | 49 | 190 | 41 | 51 | 227 | 647 | 31 | 0 | 0 | 125 | 0 | 39 | 162 | 57 | 186 | 0 | 200 | 190 | 61 | 20,238 |
| Colombani96 | 22,980 | 0 | 105 | 267 | 0 | 0 | 0 | 0 | 95 | 63 | 0 | 0 | 0 | 0 | 0 | 0 | 143 | 467 | 0 | 0 | 118 | 105 | 256 | 21,361 |
| GrimesHM09 | 22,862 | 87 | 77 | 91 | 80 | 77 | 61 | 87 | 71 | 51 | 41 | 0 | 0 | 125 | 10 | 57 | 95 | 211 | 74 | 0 | 83 | 77 | 118 | 21,289 |
| YunesAH10 | 22,745 | 290 | 38 | 42 | 262 | 38 | 321 | 386 | 37 | 31 | 394 | 405 | 385 | 48 | 308 | 621 | 43 | 44 | 134 | 384 | 40 | 38 | 47 | 18,409 |
| SadykovW06 | 22,658 | 341 | 100 | 125 | 279 | 100 | 148 | 267 | 91 | 61 | 161 | 111 | 258 | 200 | 186 | 171 | 133 | 154 | 95 | 199 | 111 | 100 | 182 | 19,085 |
| DorndorfHP99 | 22,311 | 0 | 59 | 133 | 0 | 0 | 0 | 0 | 56 | 85 | 0 | 0 | 0 | 0 | 0 | 0 | 69 | 148 | 0 | 0 | 63 | 59 | 160 | 21,479 |
| Vilim09a | 21,928 | 158 | 382 | 286 | 118 | 675 | 80 | 133 | 505 | 307 | 49 | 0 | 47 | 711 | 10 | 74 | 562 | 182 | 105 | 63 | 125 | 111 | 400 | 16,845 |
| VilimBC05 | 21,596 | 147 | 105 | 267 | 111 | 105 | 77 | 125 | 95 | 111 | 48 | 0 | 39 | 222 | 10 | 71 | 286 | 229 | 100 | 50 | 118 | 105 | 400 | 18,775 |
| CambazardHDJT04 | 21,544 | 492 | 0 | 0 | 438 | 0 | 260 | 327 | 0 | 0 | 373 | 333 | 602 | 0 | 371 | 345 | 0 | 0 | 143 | 462 | 0 | 0 | 0 | 17,398 |
| Other | | 23,792 | 22,072 | 22,165 | 22,274 | 20,941 | 22,387 | 21,611 | 20,296 | 20,937 | 20,327 | 20,088 | 18,866 | 17,666 | 19,433 | 20,024 | 15,834 | 19,726 | 20,588 | 17,257 | 18,224 | 17,966 | 17,851 | |

Table 7: Similarity Measure based on Extracted Concepts (low = similar)

| From/To Total | Total | Petropoulos23 | | ZarandiASC20 | | Groleaz21 | | Dejemeppe16 | | Malapert11 | | Baptiste02 | | Froger16 | | Godet21a | | Siala15a | | Lombardi10 | | Lunardi20 | | Astrand21 | | LaborieRSV18 | | Lemos21 | | Siala15 | | Schutt11 | | NaderiRR23 | | Fahimi16 | | LacknerMMWW23 | | IsikYA23 | | KoehlerBFFHPSSS21 | | HartmannB10 | | HarjunkoskiMBC14 | | HookerH17 | |
|-------------------|--------|---------------|--------|--------------|--------|-----------|--------|-------------|--------|------------|--------|------------|--------|----------|--------|----------|--------|----------|--------|------------|--------|-----------|--------|-----------|--------|--------------|--------|---------|--------|---------|--------|----------|--------|------------|--------|----------|--------|---------------|--------|----------|--------|-------------------|--------|-------------|--------|------------------|----|-----------|--|
| | | 18,300 | 17,231 | 15,428 | 15,305 | 14,632 | 14,534 | 13,802 | 13,781 | 13,697 | 13,614 | 13,287 | 12,979 | 12,882 | 12,863 | 12,780 | 12,640 | 12,571 | 12,567 | 12,419 | 12,193 | 12,184 | 12,007 | 11,971 | 11,943 | 11,866 | 11,865 | 11,813 | 11,729 | 11,700 | 11,605 | 11,419 | 11,362 | 11,243 | 11,180 | 11,141 | 11,071 | 11,030 | 11,010 | 10,995 | 10,992 | 10,980 | 10,938 | 10,938 | 10,924 | 10,912 | | | |
| Petropoulos23 | 18,300 | 0 | 22 | 23 | 24 | 25 | 26 | 22 | 24 | 26 | 22 | 23 | 21 | 22 | 21 | 25 | 24 | 24 | 24 | 24 | 23 | 23 | 22 | 21 | 23 | 22 | 21 | 25 | 24 | 22 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 23 | 22 | 21 | 23 | 23 | 22 | 21 | 23 | | | |
| ZarandiASC20 | 17,231 | 22 | 0 | 19 | 20 | 22 | 19 | 22 | 22 | 24 | 21 | 18 | 18 | 22 | 22 | 24 | 22 | 21 | 21 | 23 | 18 | 23 | 19 | 21 | 22 | 22 | 21 | 24 | 22 | 22 | 22 | 22 | 21 | 21 | 23 | 18 | 23 | 19 | 21 | 22 | 22 | 21 | 22 | 22 | 21 | 22 | | | |
| Groleaz21 | 15,428 | 23 | 19 | 0 | 18 | 19 | 17 | 21 | 19 | 21 | 18 | 17 | 16 | 18 | 21 | 21 | 19 | 16 | 18 | 19 | 17 | 20 | 18 | 18 | 21 | 19 | 19 | 21 | 19 | 19 | 19 | 16 | 18 | 19 | 17 | 20 | 18 | 18 | 18 | 21 | 21 | 21 | 21 | 21 | 21 | | | | |
| Dejemeppe16 | 15,305 | 24 | 20 | 18 | 0 | 18 | 18 | 22 | 19 | 20 | 18 | 18 | 18 | 19 | 20 | 20 | 17 | 20 | 16 | 19 | 18 | 20 | 17 | 20 | 19 | 19 | 20 | 20 | 17 | 17 | 17 | 17 | 16 | 19 | 18 | 20 | 17 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | | | |
| Malapert11 | 14,632 | 25 | 22 | 19 | 18 | 0 | 17 | 21 | 18 | 19 | 19 | 19 | 18 | 19 | 21 | 19 | 16 | 19 | 15 | 20 | 19 | 19 | 15 | 20 | 19 | 19 | 19 | 19 | 16 | 19 | 19 | 19 | 15 | 20 | 18 | 20 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | | | |
| Baptiste02 | 14,534 | 26 | 19 | 17 | 18 | 17 | 0 | 22 | 17 | 20 | 16 | 19 | 17 | 19 | 22 | 20 | 16 | 18 | 15 | 20 | 18 | 20 | 17 | 20 | 18 | 20 | 17 | 20 | 16 | 18 | 15 | 20 | 18 | 20 | 17 | 20 | 18 | 20 | 17 | 20 | 18 | 20 | 17 | 20 | 18 | 18 | | | |
| Froger16 | 13,802 | 22 | 22 | 21 | 22 | 21 | 22 | 0 | 21 | 22 | 19 | 18 | 18 | 20 | 17 | 22 | 20 | 20 | 20 | 19 | 18 | 20 | 20 | 19 | 18 | 20 | 19 | 18 | 20 | 20 | 19 | 18 | 20 | 19 | 17 | 17 | 18 | 20 | 19 | 17 | 18 | 20 | 19 | 17 | 18 | | | | |
| Godet21a | 13,781 | 24 | 22 | 19 | 19 | 18 | 17 | 21 | 0 | 18 | 18 | 19 | 18 | 18 | 19 | 18 | 16 | 18 | 16 | 19 | 19 | 18 | 16 | 18 | 18 | 18 | 18 | 19 | 18 | 18 | 18 | 16 | 18 | 16 | 19 | 19 | 18 | 18 | 18 | 18 | 20 | 18 | 20 | 18 | 18 | | | | |
| Siala15a | 13,697 | 26 | 24 | 21 | 20 | 19 | 20 | 22 | 18 | 0 | 19 | 20 | 19 | 19 | 19 | 8 | 17 | 19 | 17 | 20 | 20 | 19 | 20 | 19 | 20 | 19 | 19 | 19 | 19 | 19 | 20 | 19 | 20 | 19 | 20 | 19 | 20 | 19 | 20 | 19 | 20 | 19 | 17 | 17 | 17 | 17 | | | |
| Lombardi10 | 13,614 | 22 | 21 | 18 | 18 | 19 | 16 | 19 | 18 | 19 | 0 | 19 | 16 | 18 | 19 | 20 | 15 | 19 | 15 | 20 | 18 | 19 | 16 | 17 | 16 | 17 | 16 | 18 | 19 | 16 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 16 | 17 | 16 | 17 | 16 | 16 | 16 | | | | |
| Lunardi20 | 13,287 | 23 | 18 | 17 | 18 | 19 | 19 | 18 | 19 | 20 | 19 | 0 | 14 | 17 | 18 | 19 | 19 | 15 | 18 | 17 | 13 | 18 | 17 | 17 | 17 | 19 | 18 | 18 | 18 | 15 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 19 | 19 | | | |
| Astrand21 | 12,979 | 21 | 18 | 16 | 18 | 18 | 17 | 18 | 18 | 19 | 16 | 14 | 0 | 16 | 17 | 19 | 16 | 17 | 16 | 19 | 15 | 18 | 16 | 17 | 16 | 15 | 18 | 16 | 17 | 17 | 17 | 17 | 16 | 19 | 15 | 18 | 16 | 15 | 16 | 15 | 18 | 18 | 18 | 18 | 18 | | | | |
| LaborieRSV18 | 12,882 | 22 | 22 | 18 | 19 | 19 | 19 | 20 | 18 | 19 | 18 | 17 | 16 | 0 | 19 | 18 | 18 | 16 | 17 | 17 | 17 | 17 | 16 | 17 | 16 | 17 | 16 | 18 | 16 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 16 | 18 | 17 | 16 | 18 | 18 | | | | |
| Lemos21 | 12,863 | 21 | 22 | 21 | 20 | 21 | 22 | 17 | 19 | 19 | 19 | 18 | 17 | 19 | 0 | 19 | 19 | 19 | 19 | 18 | 18 | 17 | 19 | 19 | 19 | 19 | 18 | 18 | 17 | 19 | 18 | 18 | 17 | 19 | 18 | 17 | 19 | 17 | 18 | 17 | 18 | 17 | 18 | 18 | 18 | | | | |
| Siala15 | 12,780 | 25 | 24 | 21 | 20 | 19 | 20 | 22 | 18 | 8 | 20 | 19 | 19 | 18 | 19 | 0 | 18 | 18 | 17 | 19 | 19 | 18 | 17 | 19 | 19 | 19 | 18 | 17 | 19 | 19 | 18 | 18 | 17 | 19 | 19 | 18 | 18 | 18 | 18 | 18 | 19 | 17 | 17 | 17 | 17 | 17 | | | |
| Schutt11 | 12,640 | 24 | 22 | 19 | 17 | 16 | 16 | 20 | 16 | 17 | 15 | 19 | 16 | 18 | 19 | 18 | 0 | 18 | 14 | 19 | 18 | 16 | 17 | 17 | 17 | 16 | 17 | 18 | 16 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 16 | 17 | 16 | 16 | 16 | 16 | | | | |
| NaderiRR23 | 12,571 | 24 | 21 | 16 | 20 | 19 | 18 | 20 | 18 | 19 | 19 | 15 | 17 | 16 | 19 | 18 | 18 | 0 | 17 | 16 | 14 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | | | |
| Fahimi16 | 12,567 | 24 | 21 | 18 | 16 | 15 | 15 | 20 | 16 | 17 | 15 | 18 | 16 | 17 | 19 | 17 | 14 | 17 | 0 | 19 | 18 | 18 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | | | |
| LacknerMMWW23 | 12,419 | 24 | 23 | 19 | 19 | 20 | 20 | 19 | 19 | 20 | 20 | 17 | 19 | 17 | 18 | 19 | 19 | 16 | 19 | 0 | 16 | 16 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | | | |
| IsikYA23 | 12,193 | 23 | 18 | 17 | 18 | 19 | 18 | 18 | 19 | 20 | 18 | 13 | 15 | 17 | 18 | 19 | 18 | 14 | 18 | 16 | 0 | 17 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | | | |
| KoehlerBFFHPSSS21 | 12,184 | 23 | 23 | 20 | 20 | 19 | 20 | 20 | 18 | 19 | 19 | 18 | 18 | 17 | 17 | 18 | 19 | 17 | 18 | 16 | 17 | 0 | 19 | 17 | 17 | 18 | 18 | 18 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | | | |
| HartmannB10 | 12,007 | 22 | 19 | 18 | 17 | 19 | 17 | 19 | 18 | 20 | 16 | 17 | 16 | 17 | 19 | 18 | 16 | 17 | 17 | 17 | 16 | 19 | 0 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | | | |
| HarjunkoskiMBC14 | 11,971 | 21 | 21 | 18 | 19 | 19 | 20 | 17 | 20 | 19 | 17 | 17 | 15 | 16 | 17 | 19 | 19 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | | | |
| HookerH17 | 11,943 | 23 | 22 | 21 | 19 | 19 | 18 | 18 | 18 | 17 | 16 | 19 | 18 | 18 | 18 | 17 | 16 | 18 | 16 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | | |
| ArmstrongGOS21 | 11,866 | 25 | 22 | 20 | 20 | 18 | 20 | 20 | 19 | 20 | 20 | 15 | 17 | 17 | 19 | 19 | 18 | 17 | 18 | 16 | 15 | 16 | 18 | 16 | 17 | 18 | 16 | 15 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | | |
| HartmannB22 | 11,865 | 21 | 18 | 18 | 18 | 20 | 18 | 18 | 19 | 21 | 16 | 17 | 16 | 17 | 18 | 20 | 17 | 17 | 18 | 18 | 16 | 19 | 10 | 16 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | | |
| LacknerMMWW21 | 11,813 | 25 | 23 | 19 | 19 | 20 | 20 | 19 | 19 | 20 | 20 | 17 | 19 | 17 | 19 | 19 | 19 | 16 | 19 | 6 | 15 | 15 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | | | | | |



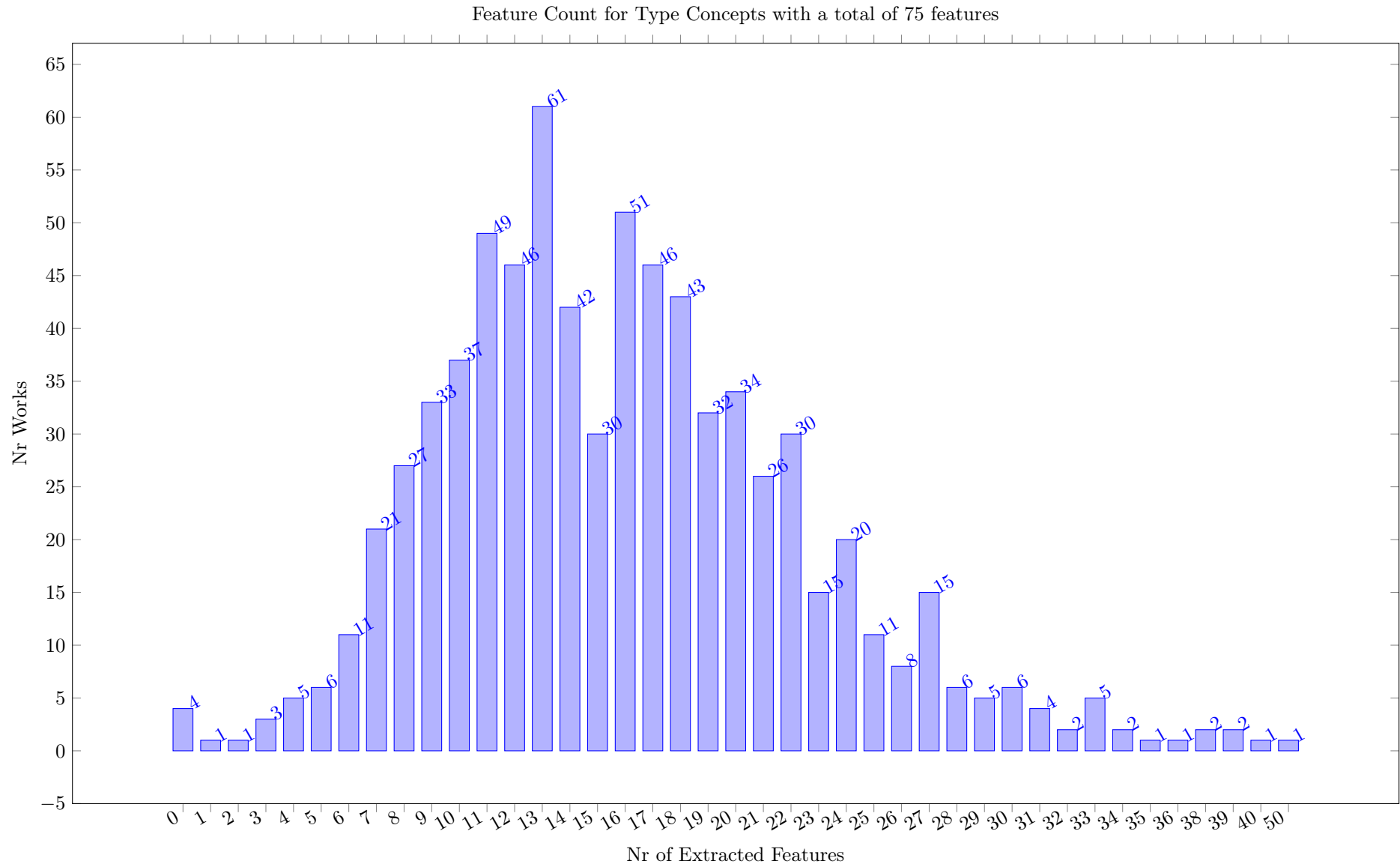
The similarity by concept uses the Euclidean distance between the feature vectors for two works. We translate the MatchLevel for each Concept into a linear scale, and then calculate the distances as the square root of the sum of squared differences for each feature. The distribution plot below rounds the distances to integer values. Similarity values of this type are only calculated when both works have a local copy, from which we extract the features. If either work does not have a local copy, the similarity is set to be NaN.

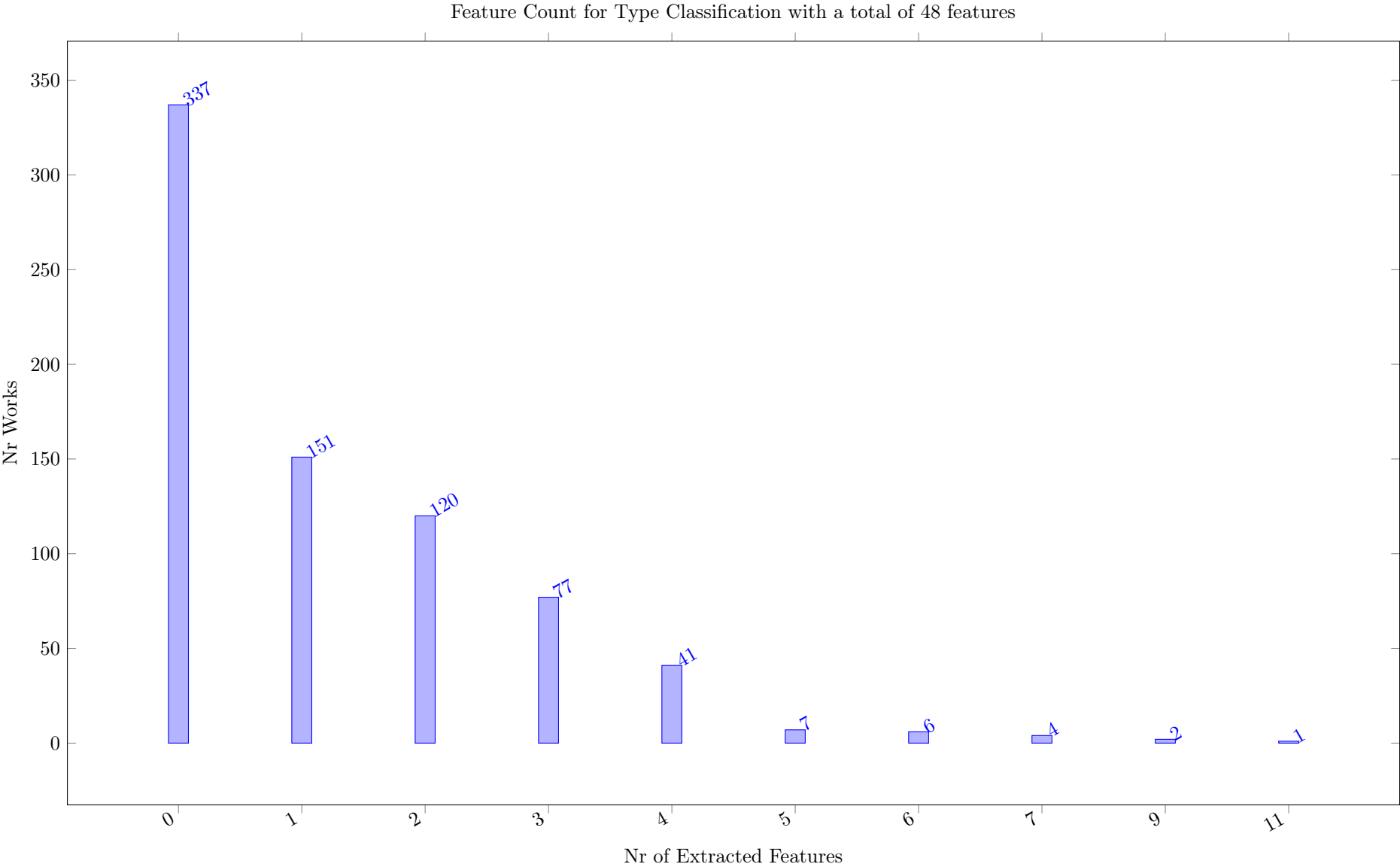


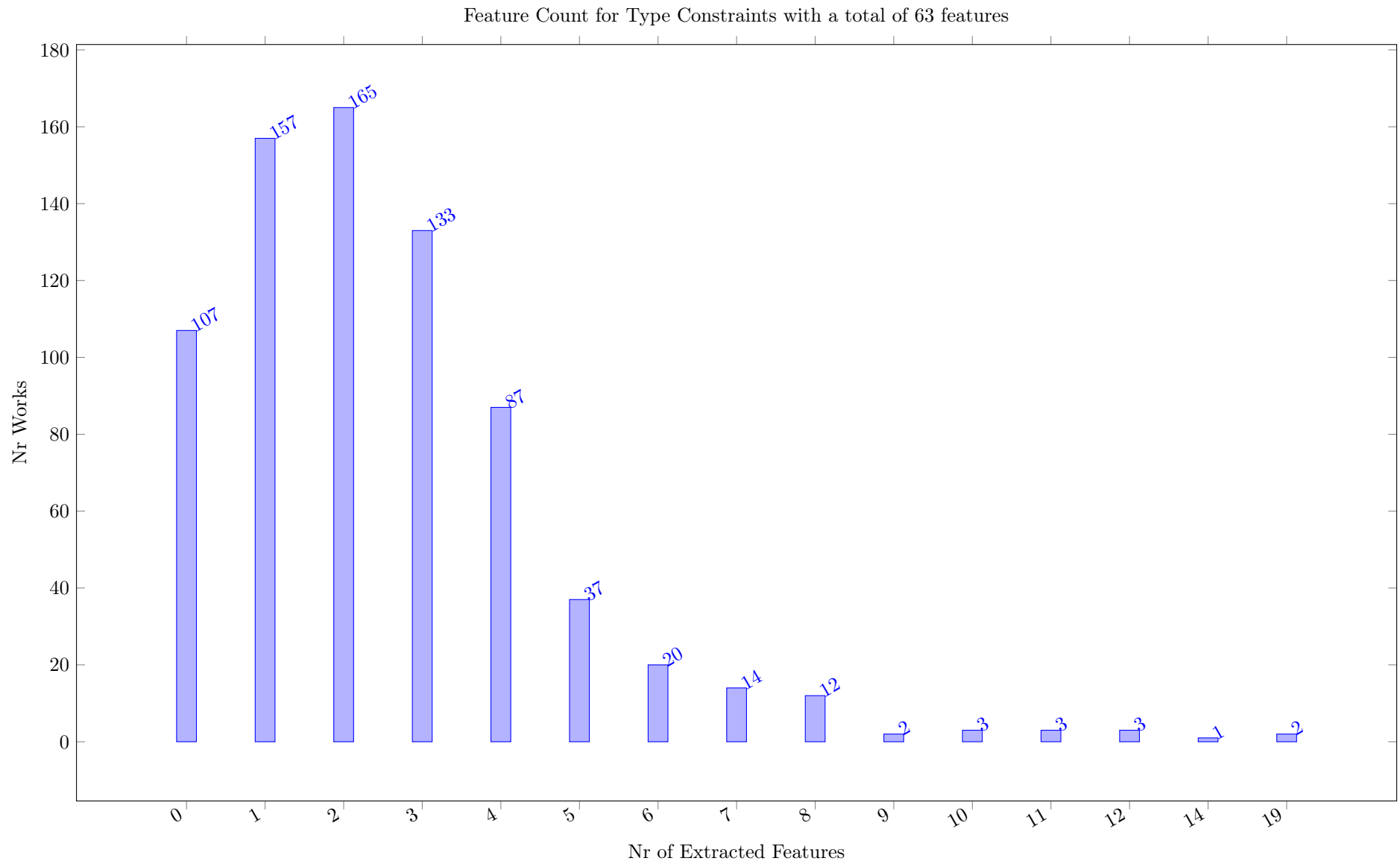
11 Concept Distribution

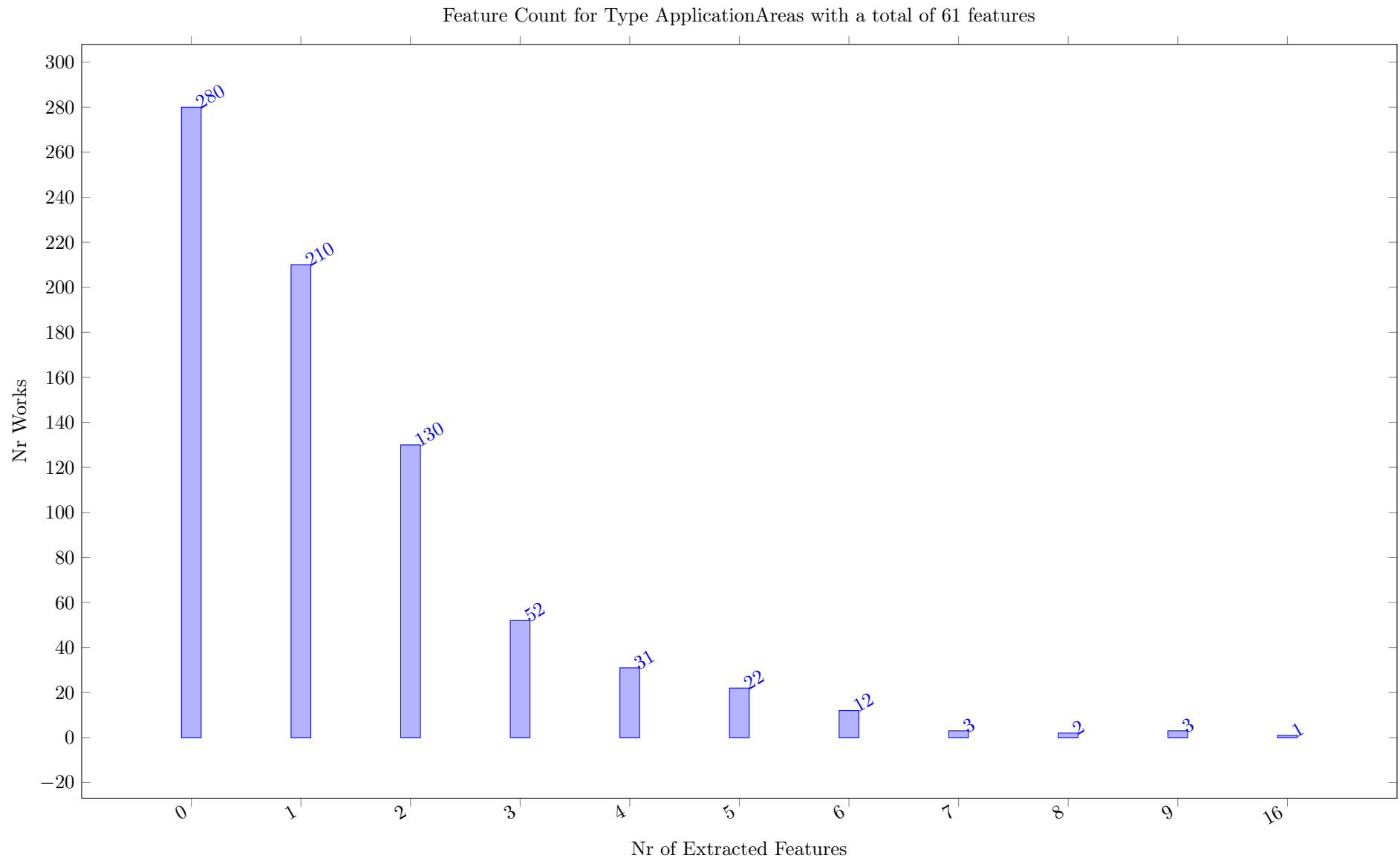
For each concept type, we count how many features are extracted by the individual works that do have a local copy, e.g. for which we can extract features. We can compare the number of features extracted to the number of concepts of a given type, which is stated in the title of the diagram.

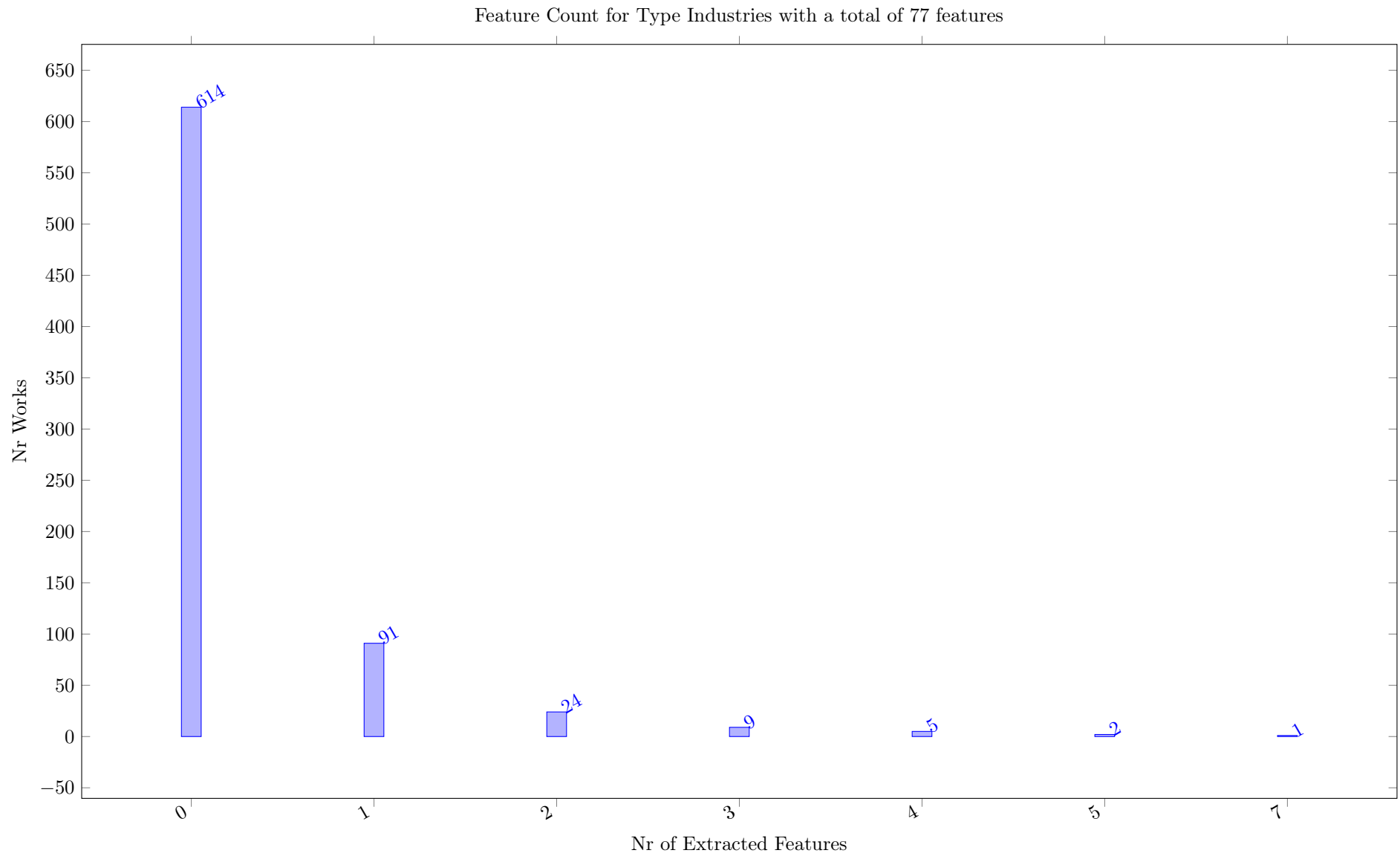
A high count indicates that a work covers many of the concepts of the given type, a low count might mean that our ontology does not have relevant concepts for that work.

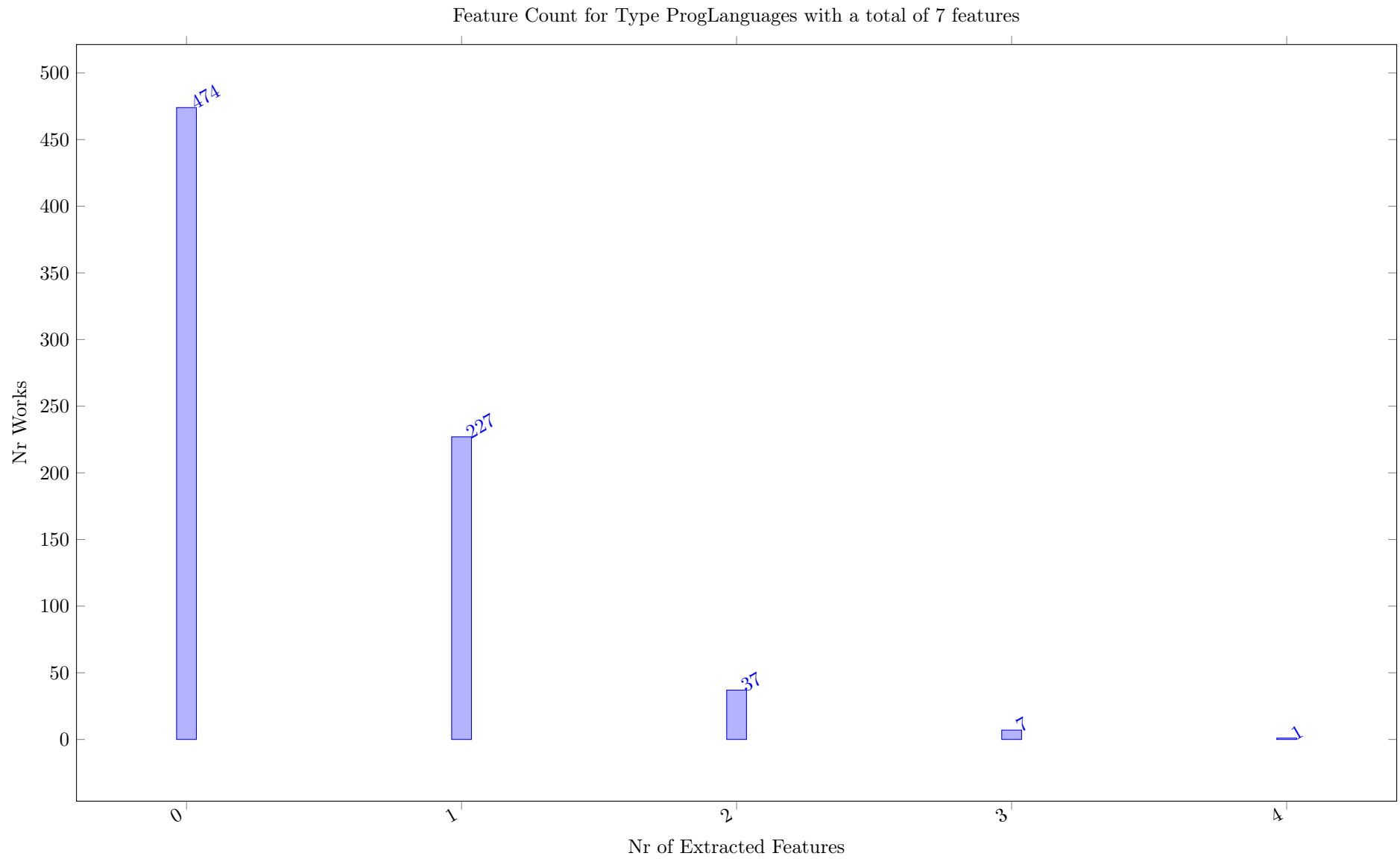


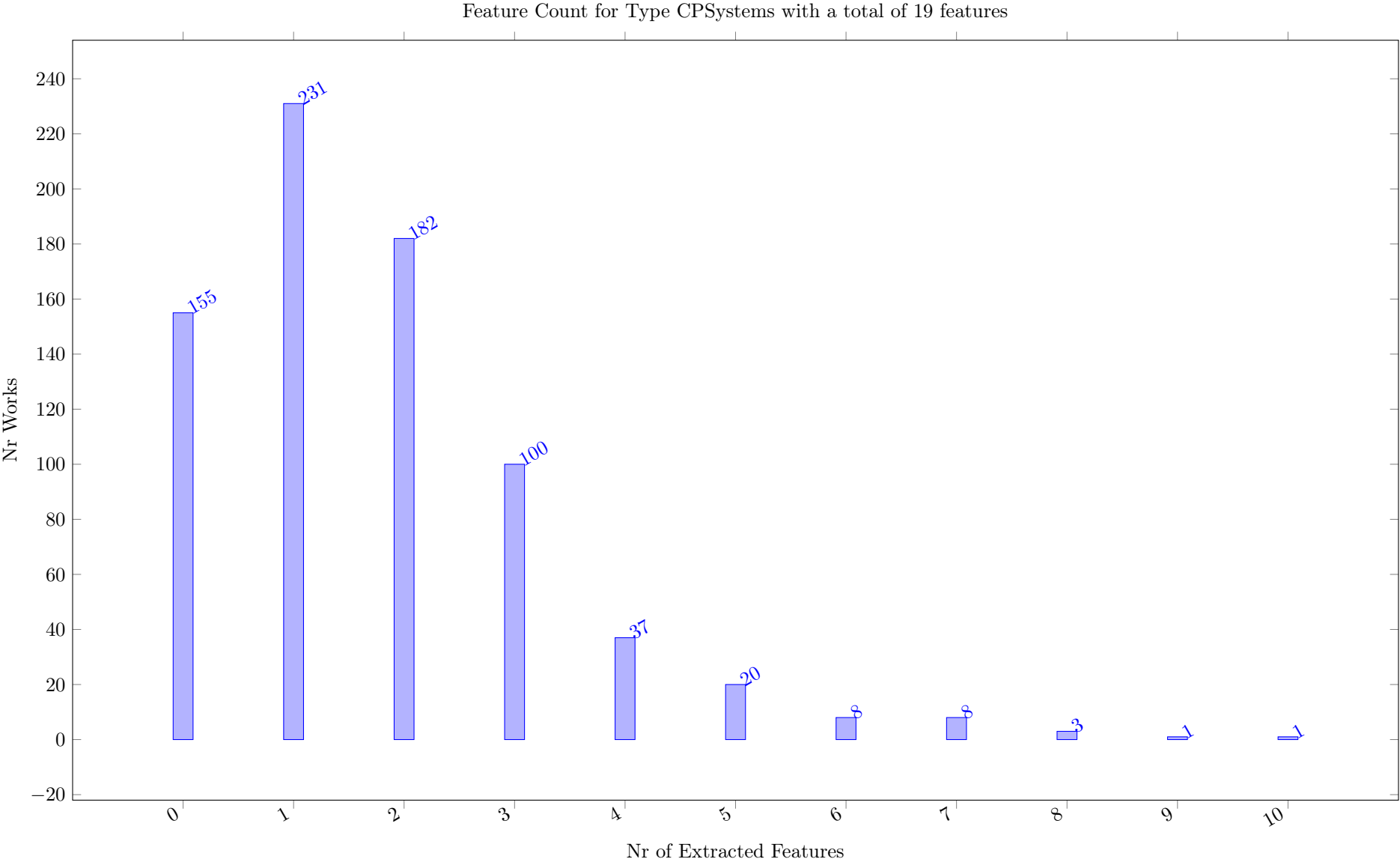


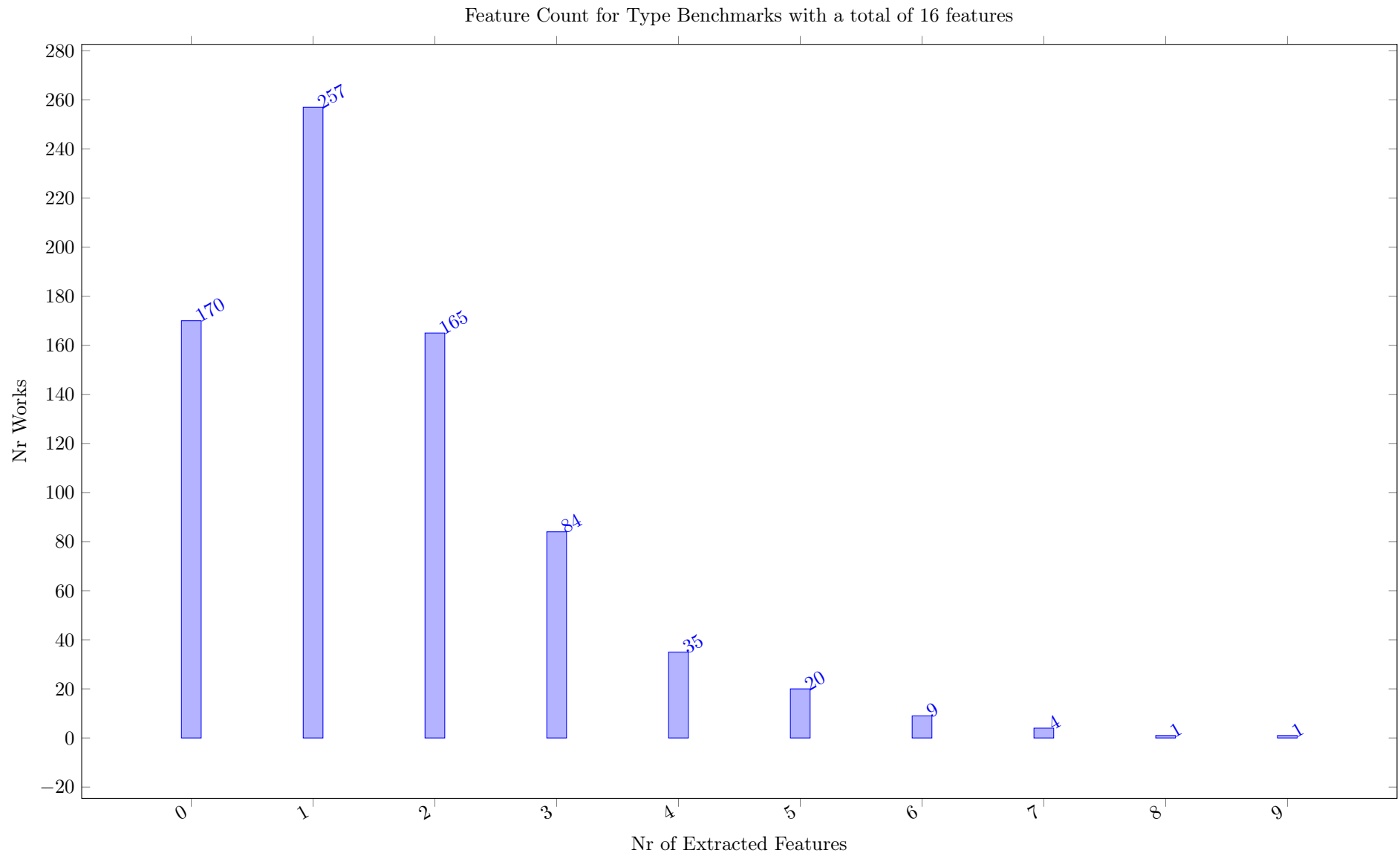


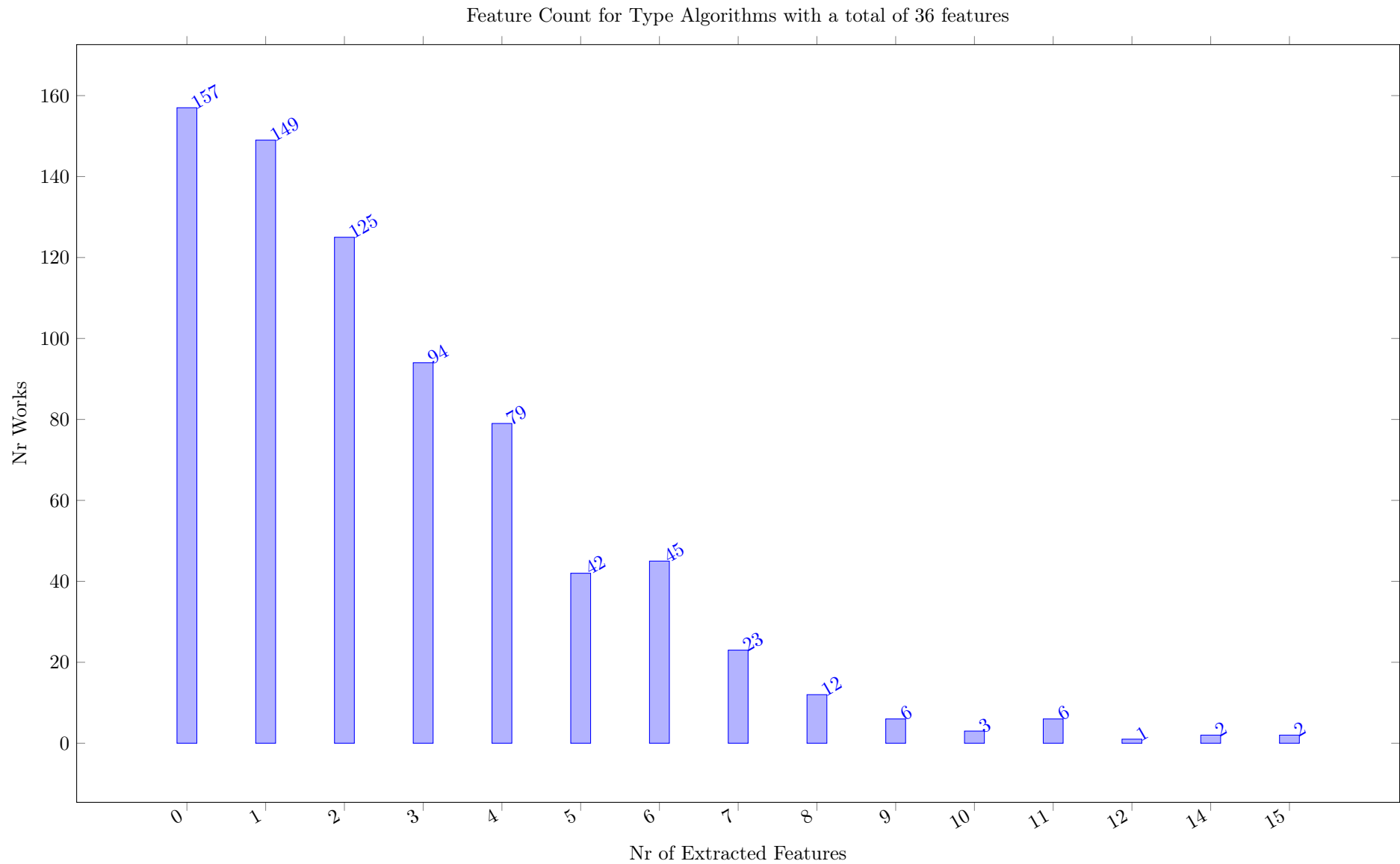










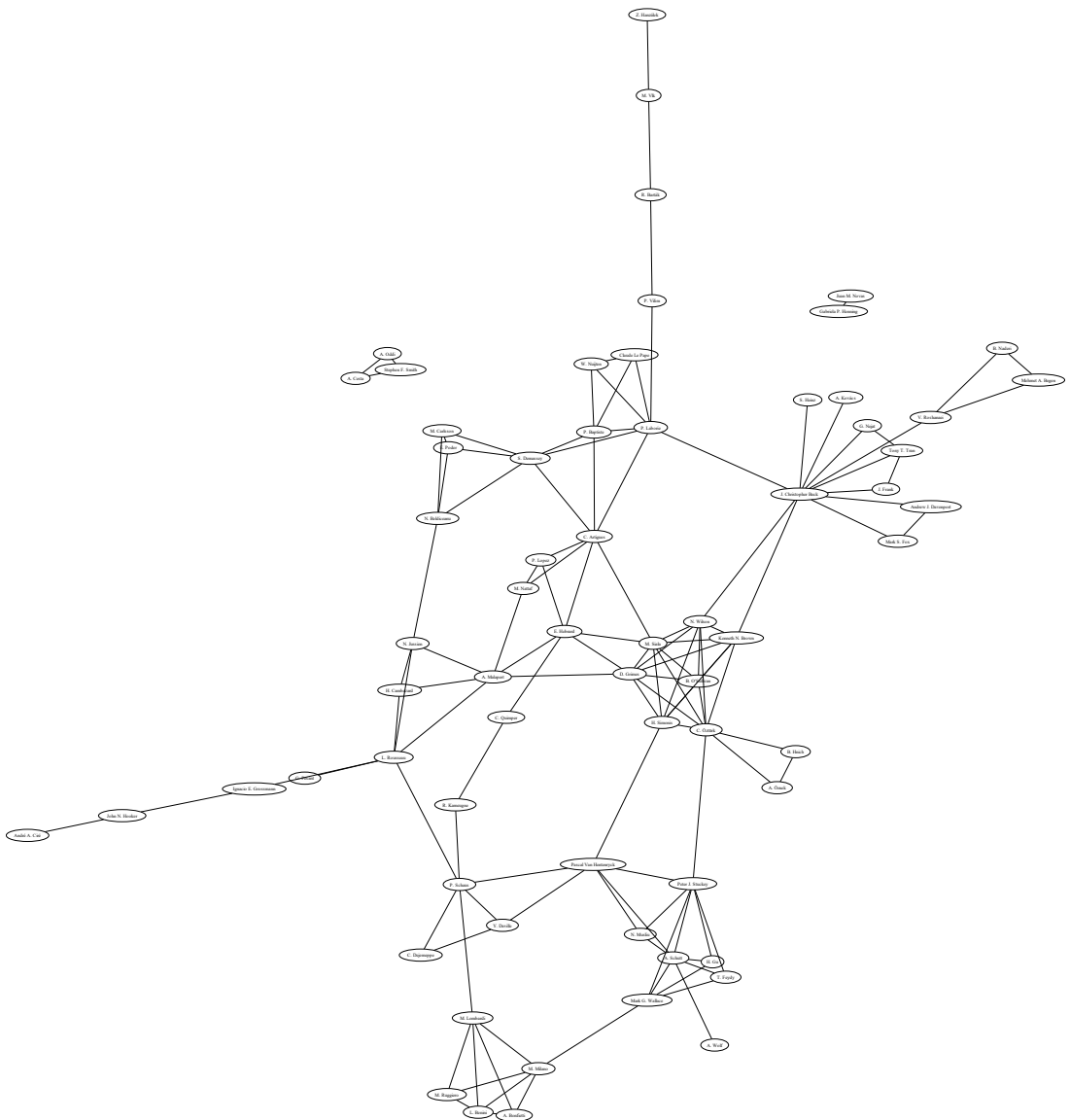


12 Coauthor graph

The coauthor plot is created by graphviz, and is based on the coauthor relations extracted from the author fields of the works. Authors with few works are not shown, to avoid a cluttered view. Note that this analysis depends on the use of canonical forms of author names. If bib entries come from any different sources, we will need to check this manually. DBLP seems to be using ORCID values and typically identifies the authors of a work with a canonical representation of their name. Accents and umlauts are other sources of having multiple forms of the name of the same author. Note that the risk of two different authors using the same name should be low for very specific literature surveys, but cannot be checked with the data sources currently used.

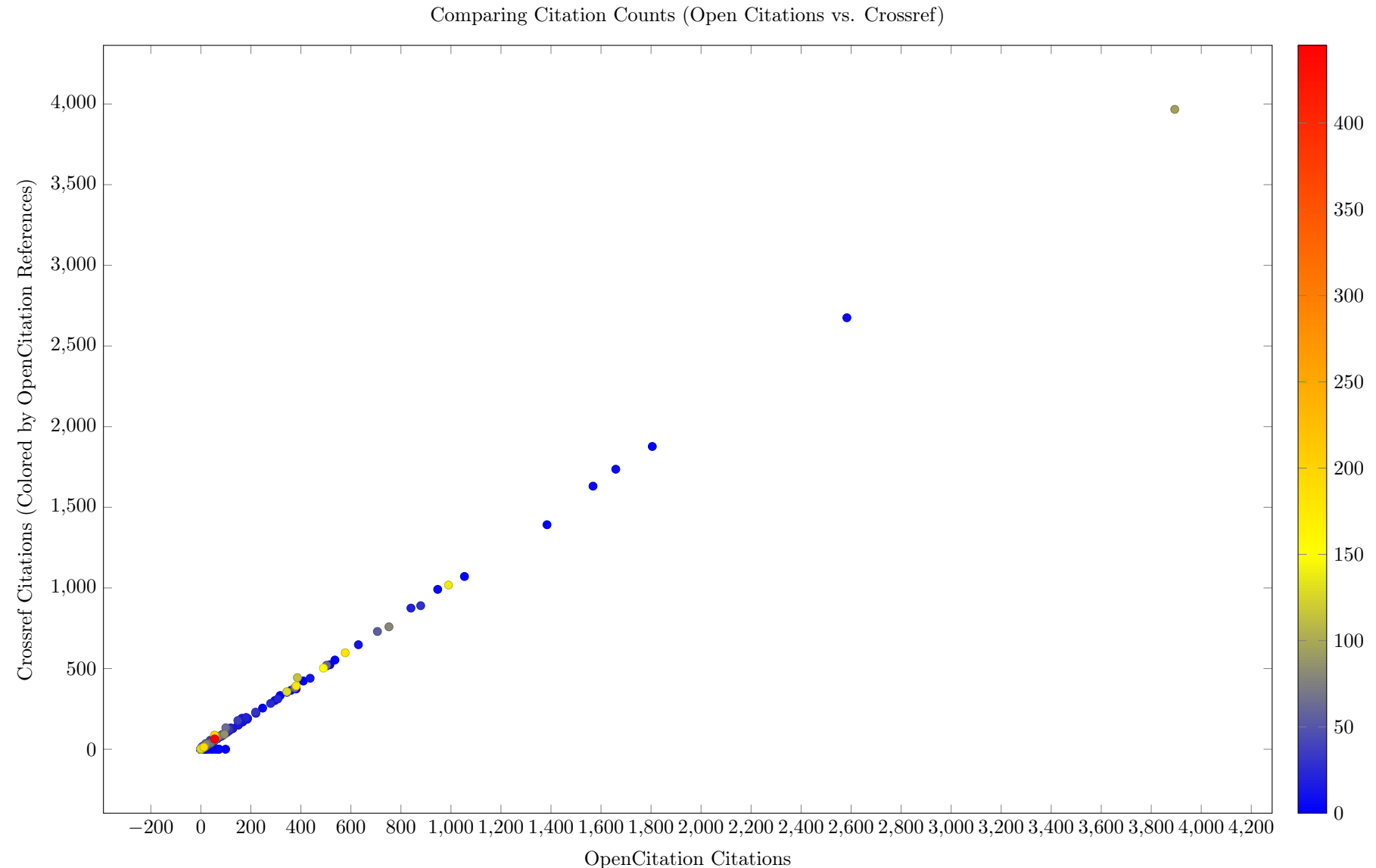
The plots can be made with different layout tools in graphviz, it seems that fdp produces the most consistent visually attractive plots for this type of display. This probably needs more work on parameter settings to be fully automated.

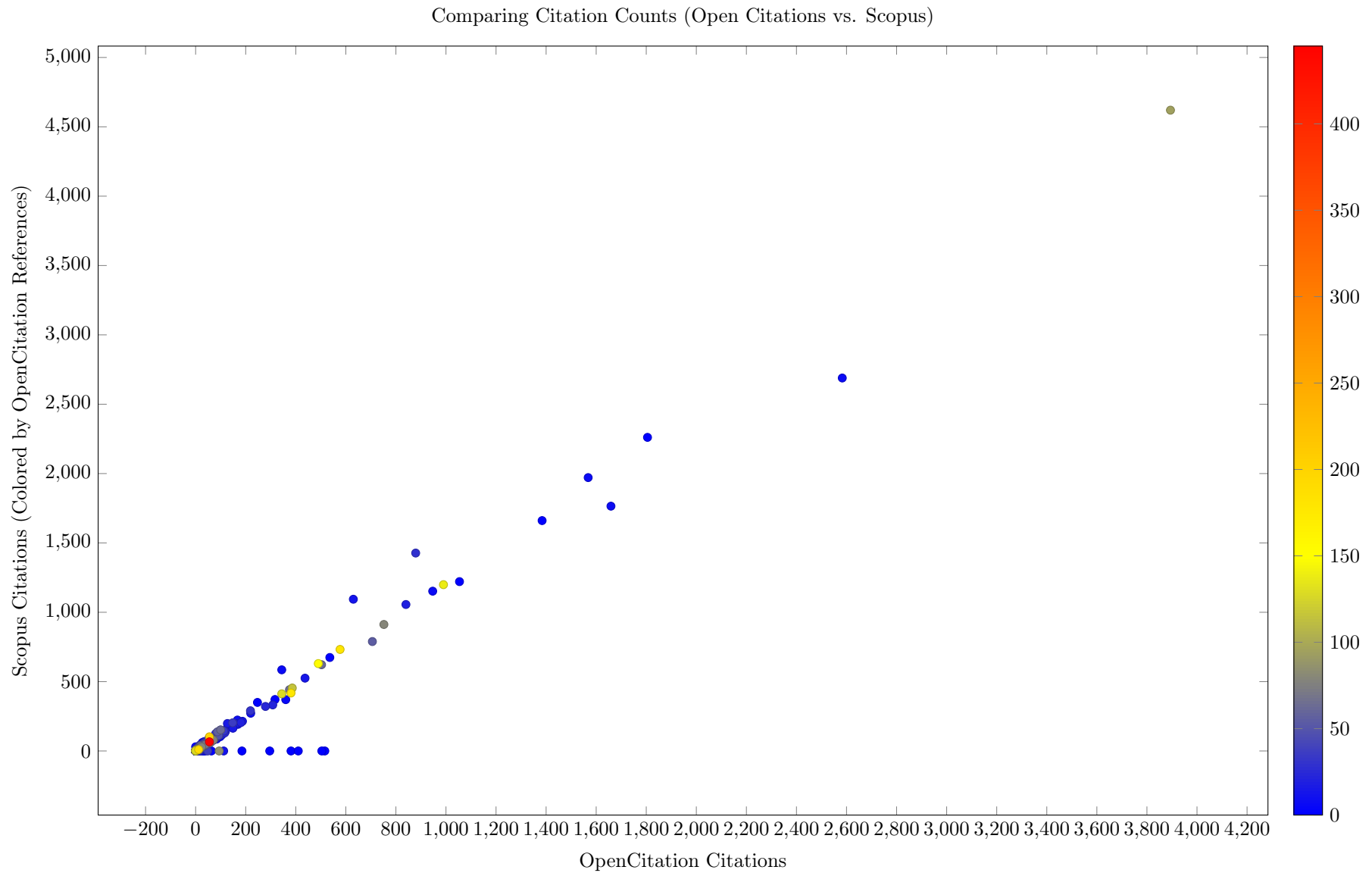
Figure 1: Coauthor Graph Drawn with fdp (Graphviz)

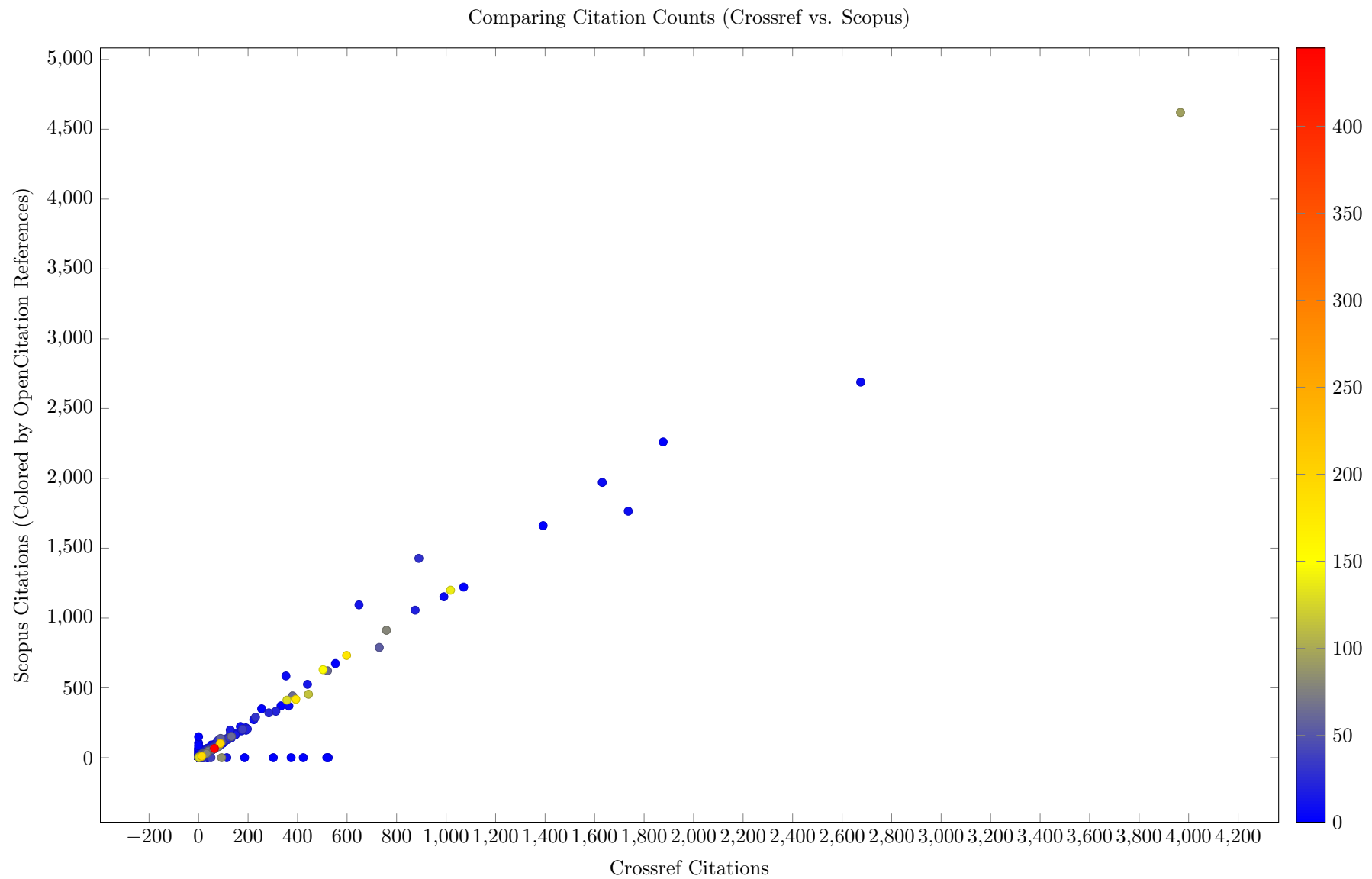


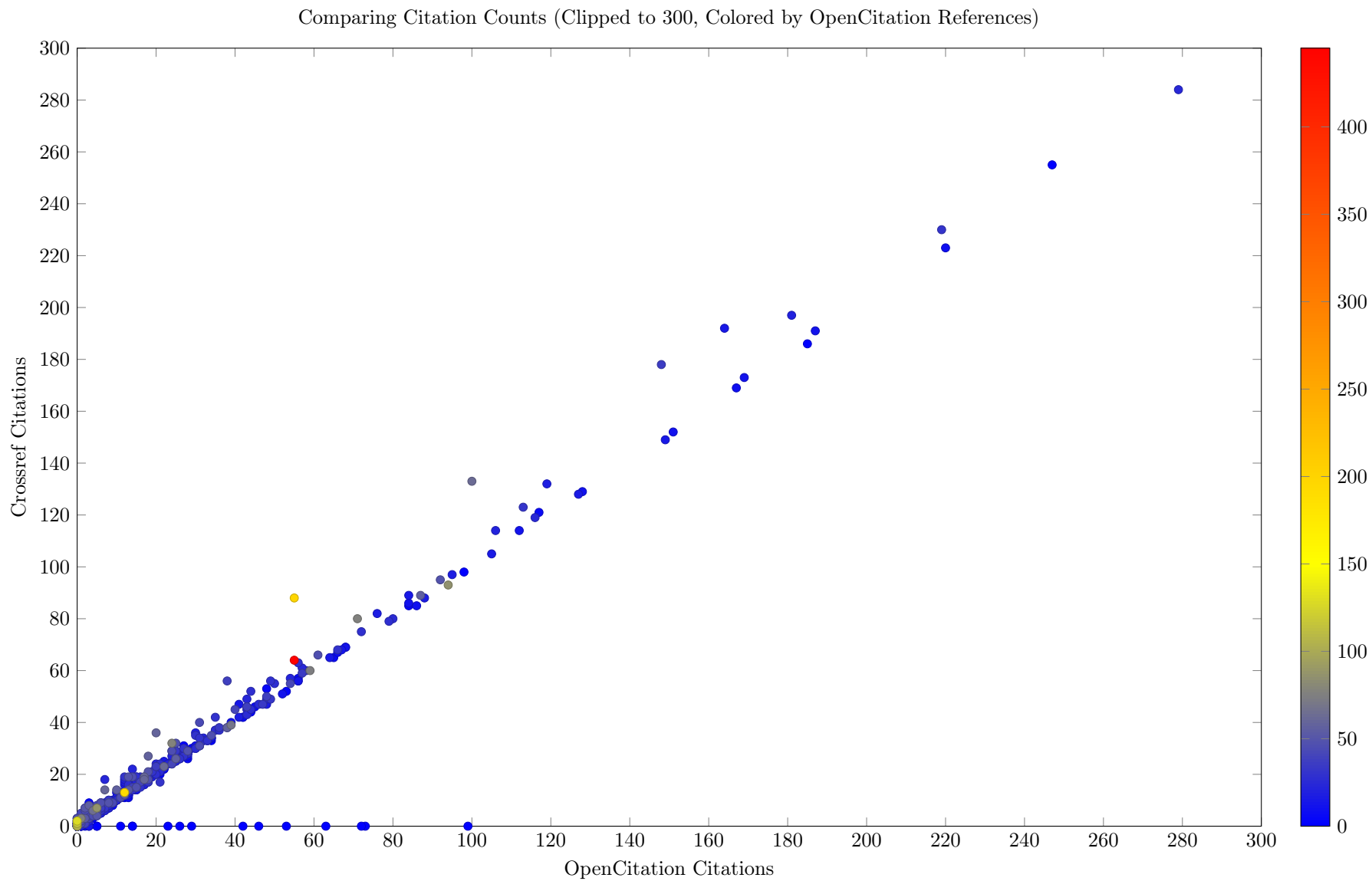
13 OpenCitations vs. Crossref Data vs. Scopus Data

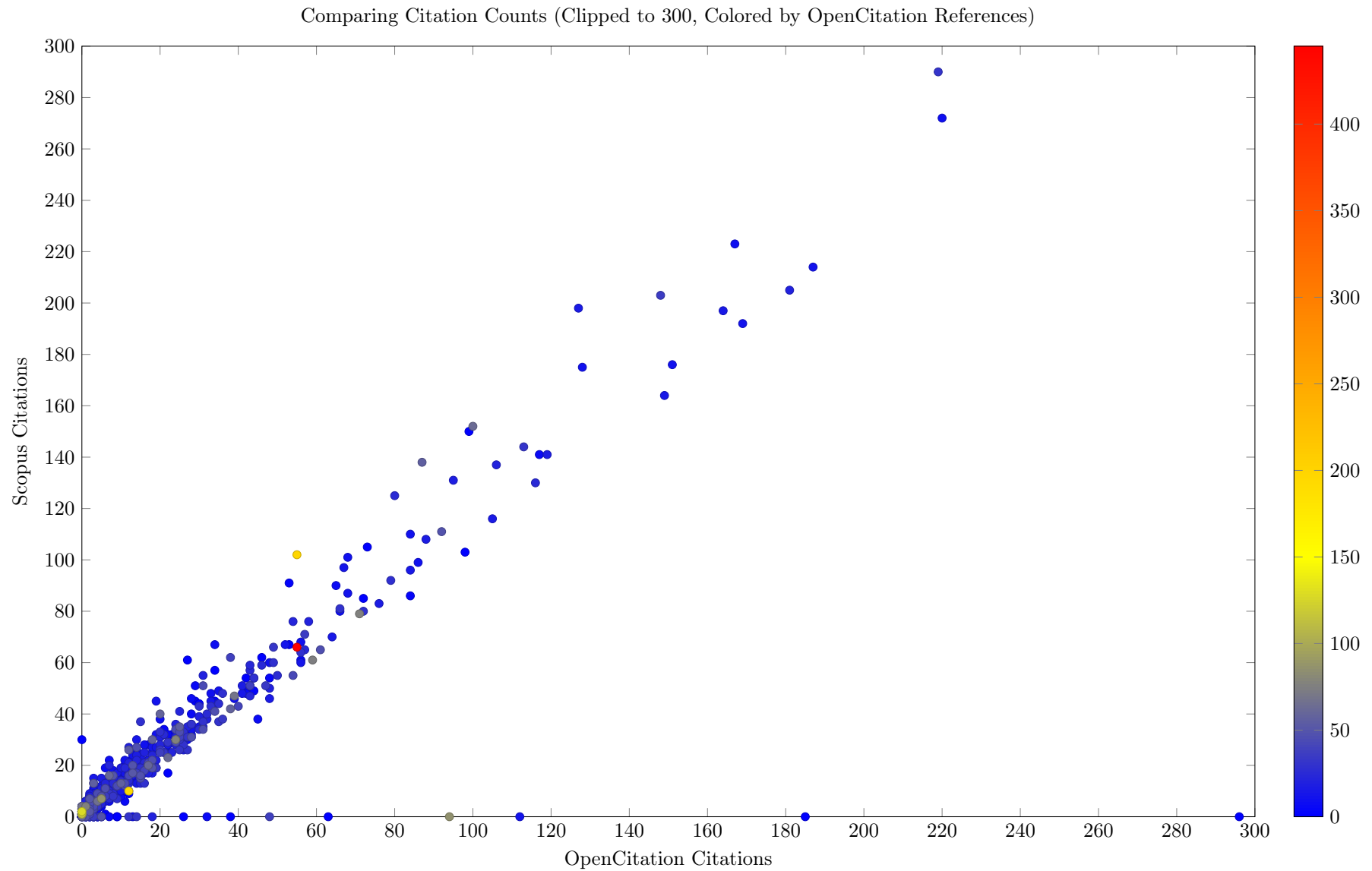
13.1 Citation Comparison

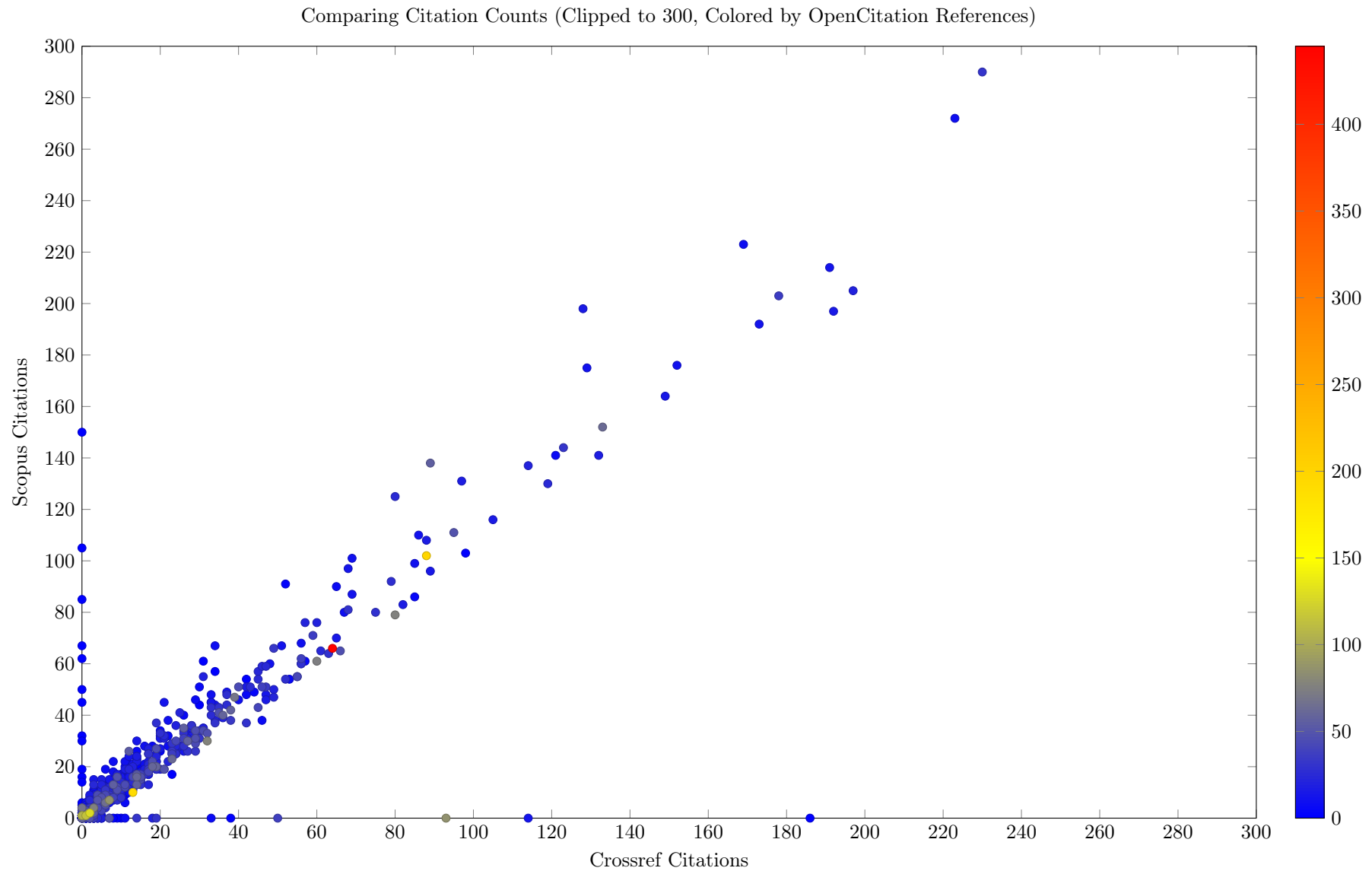




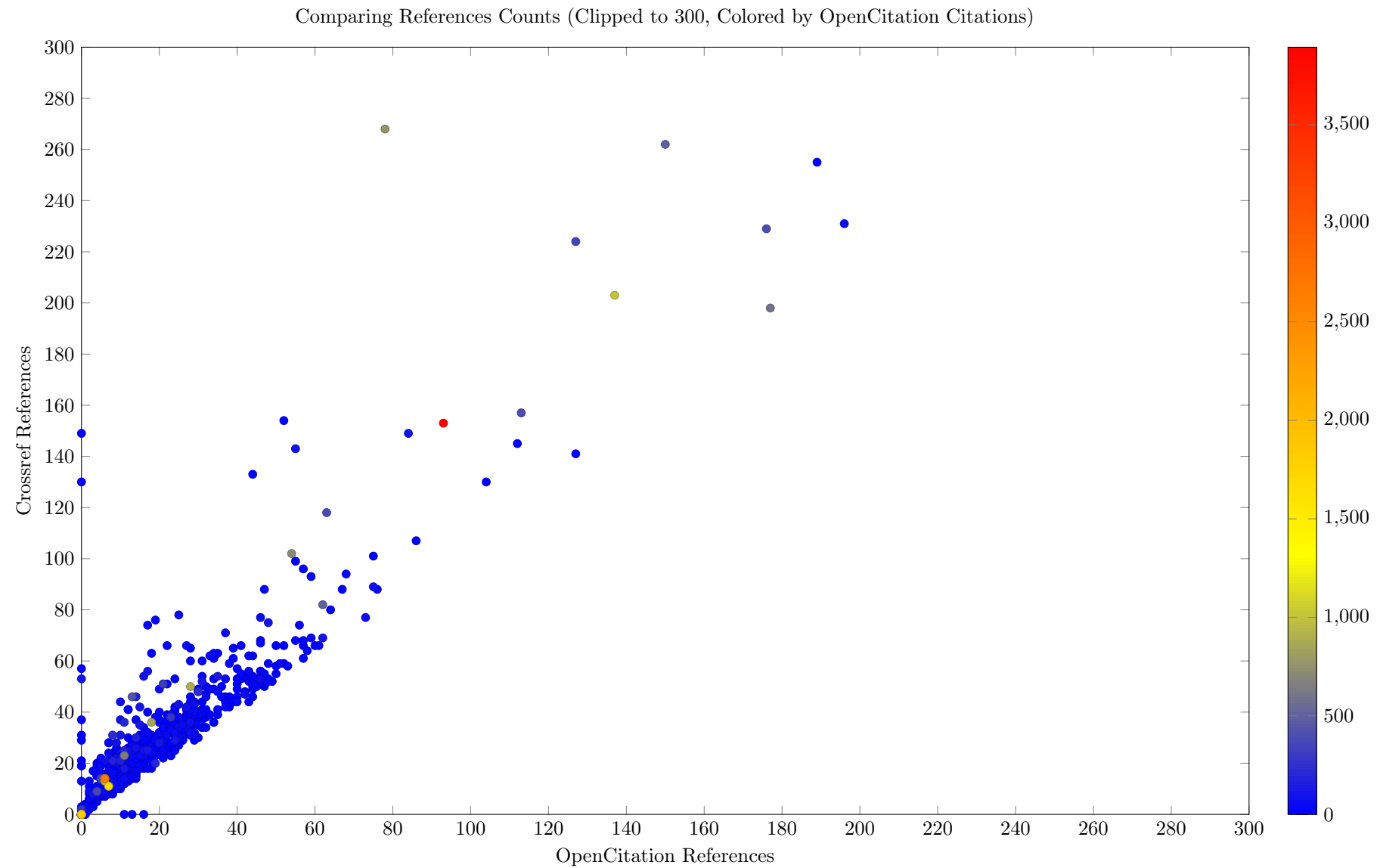




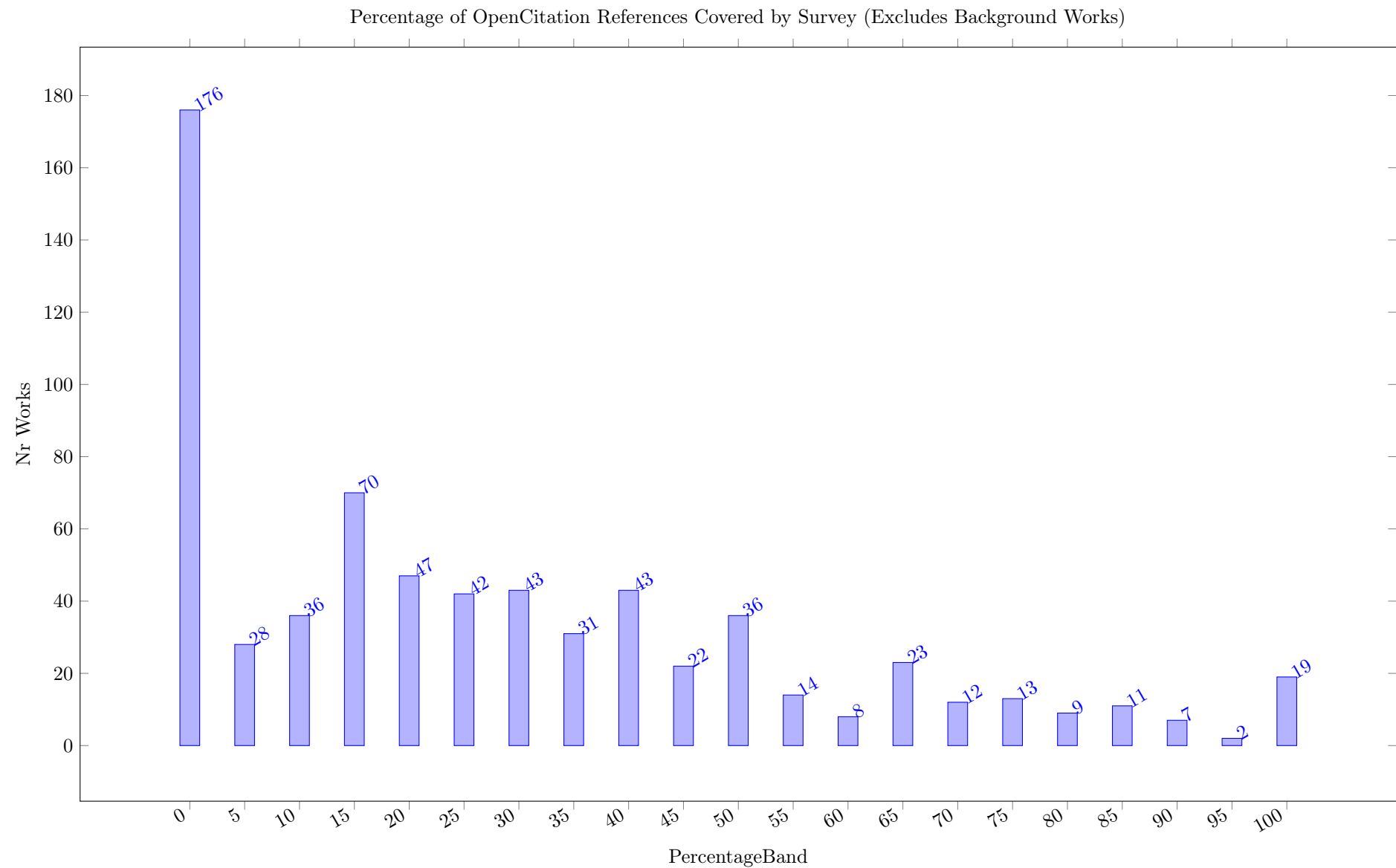


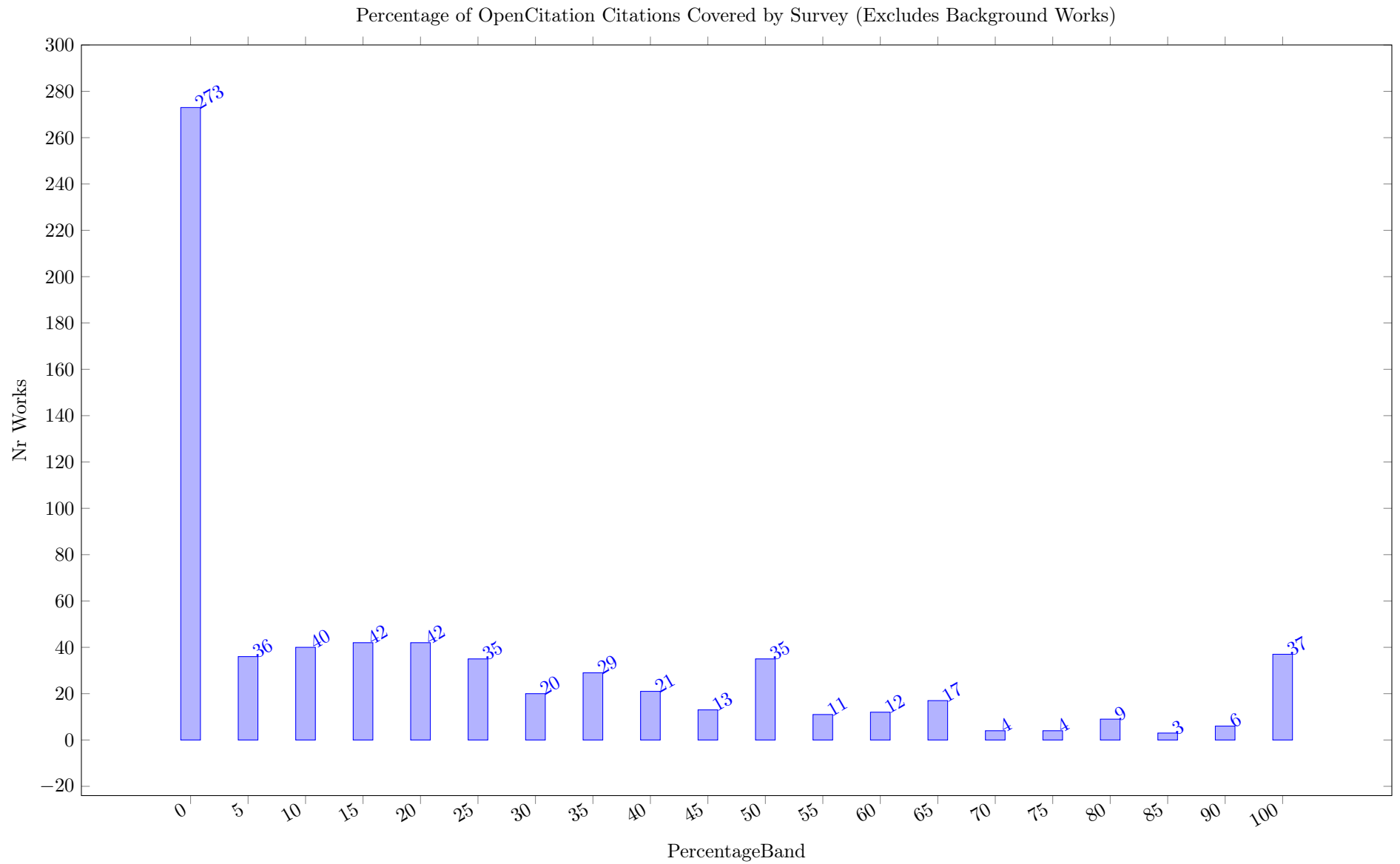


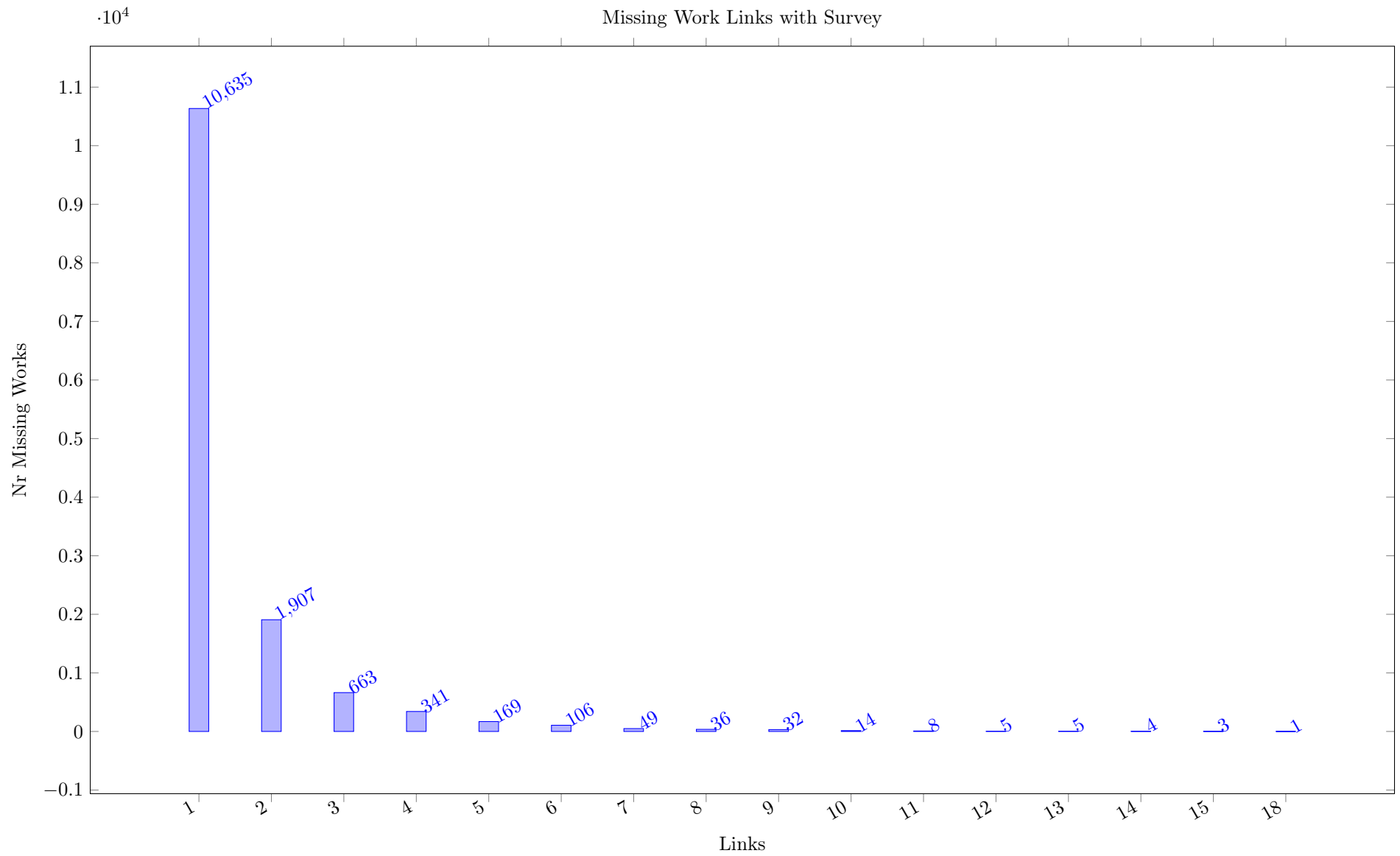
13.2 References Comparison



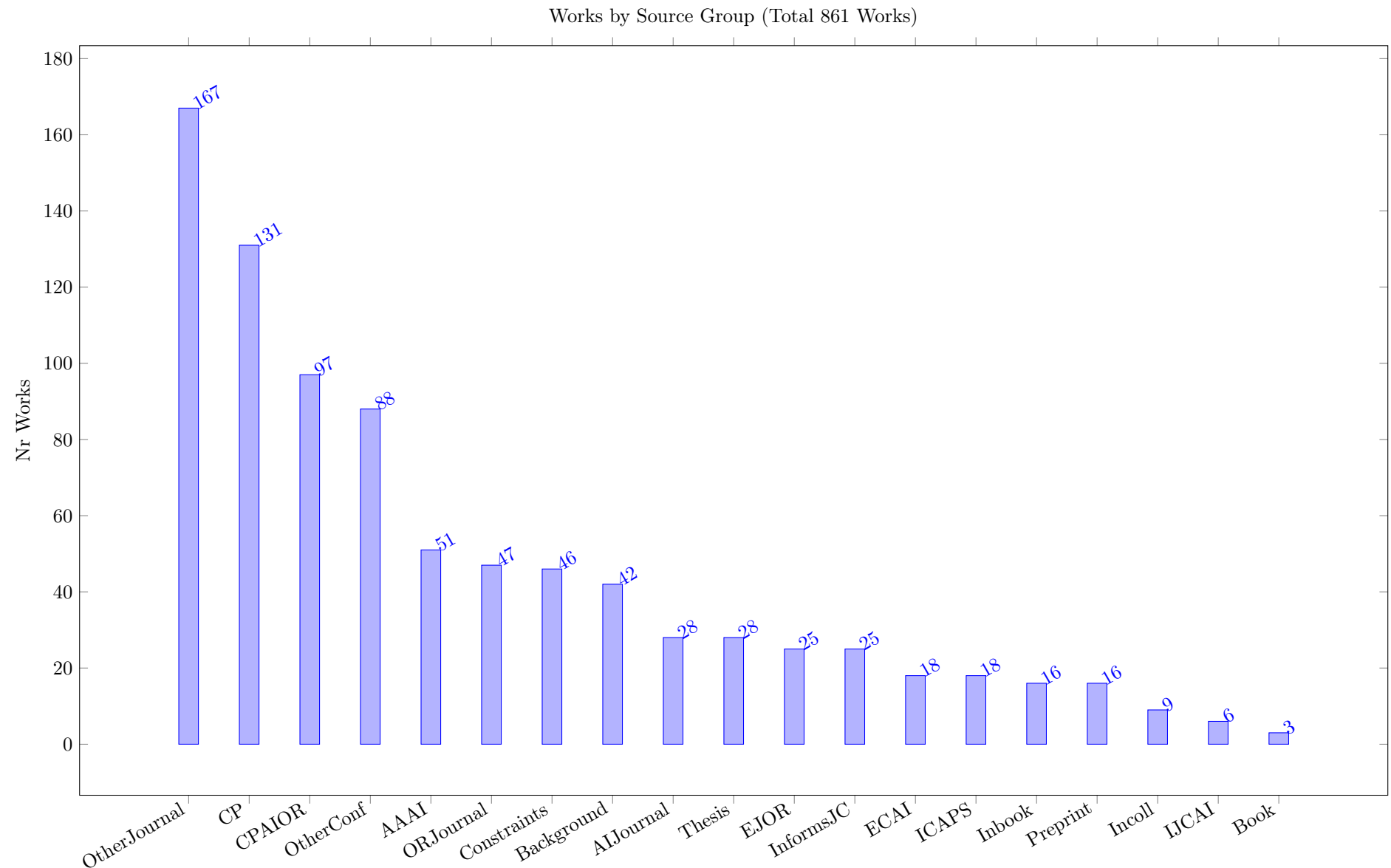
13.3 Percentage Cover



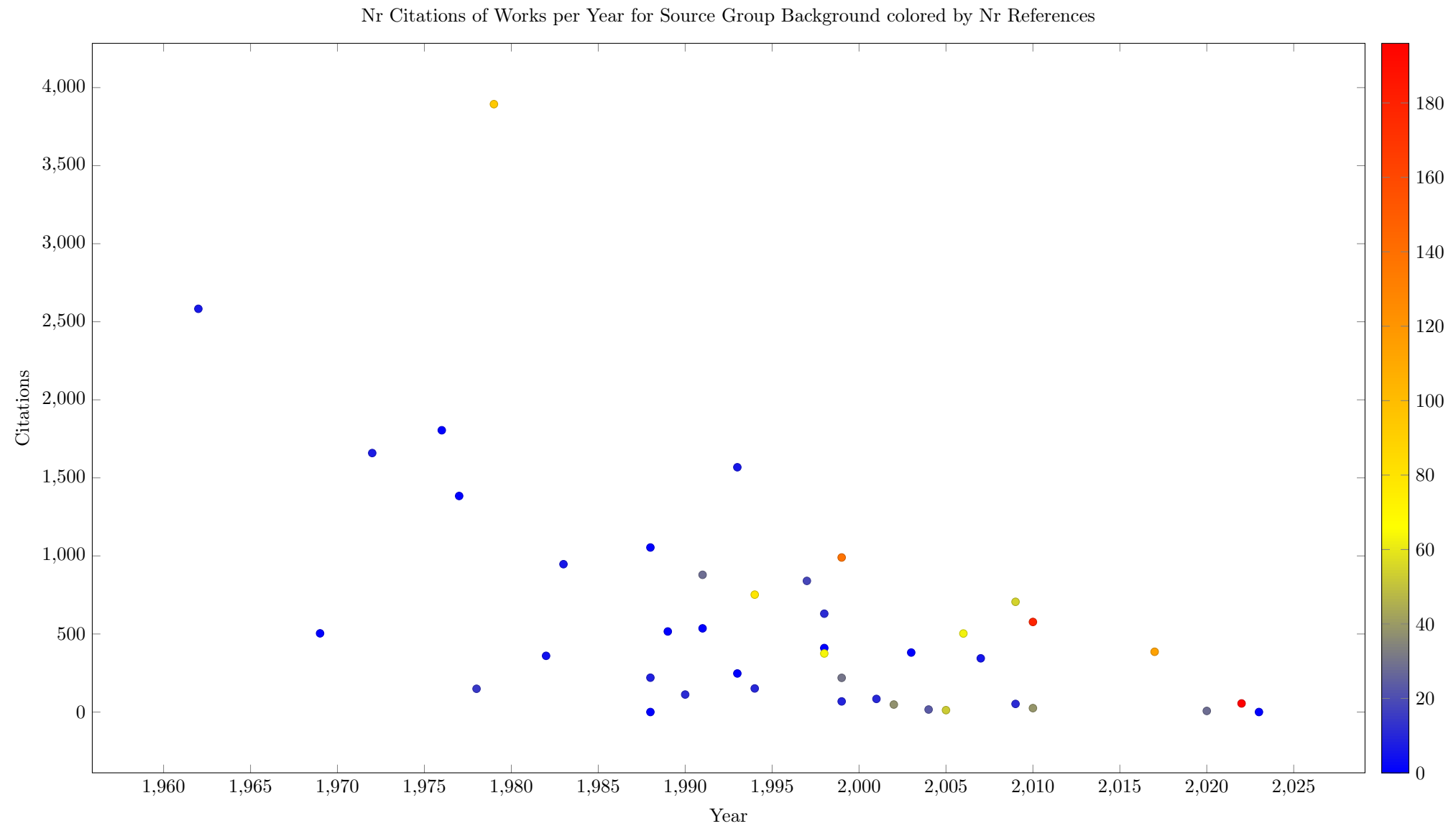


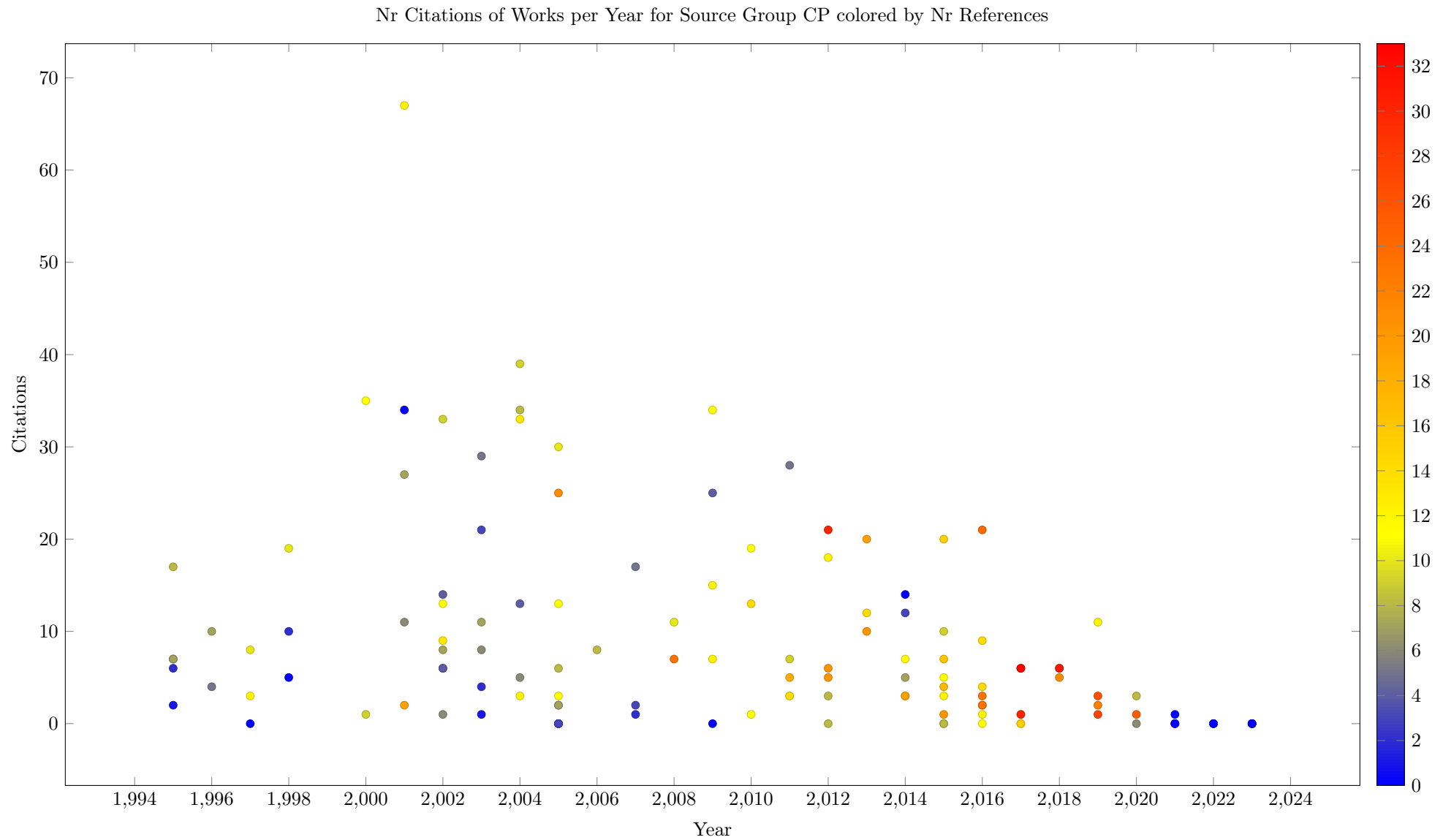


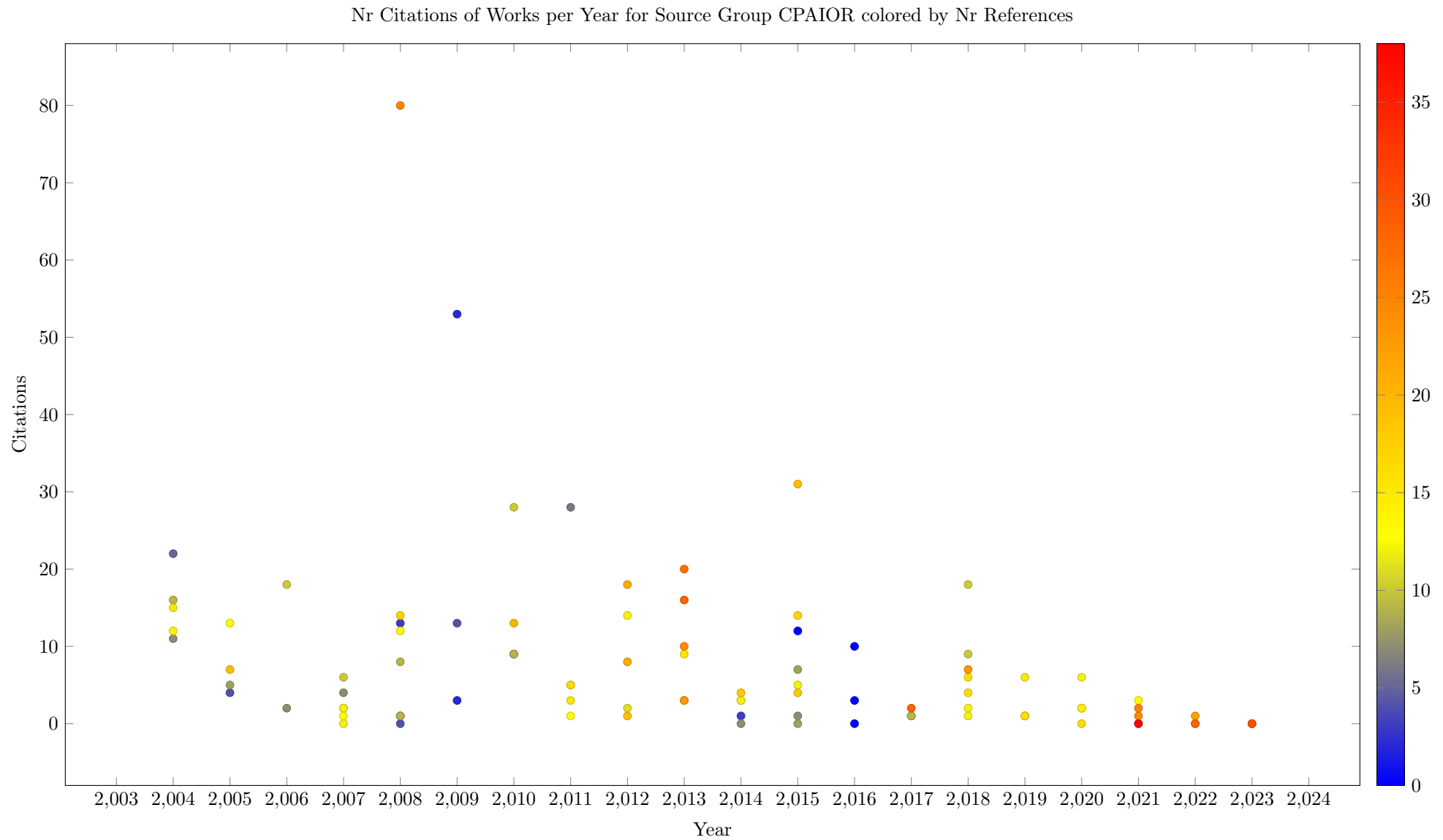
14 Citations by Year and Source Group

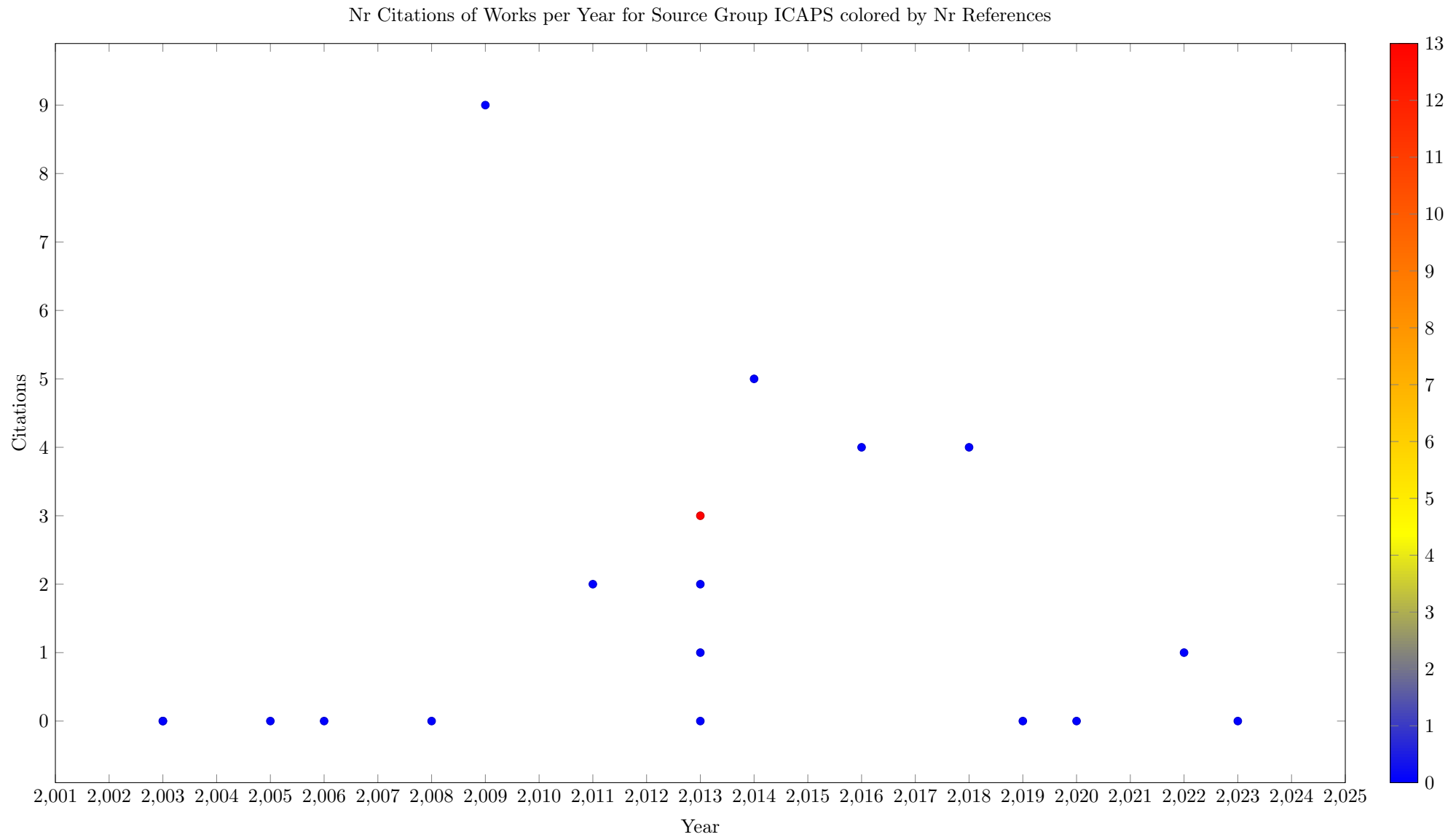


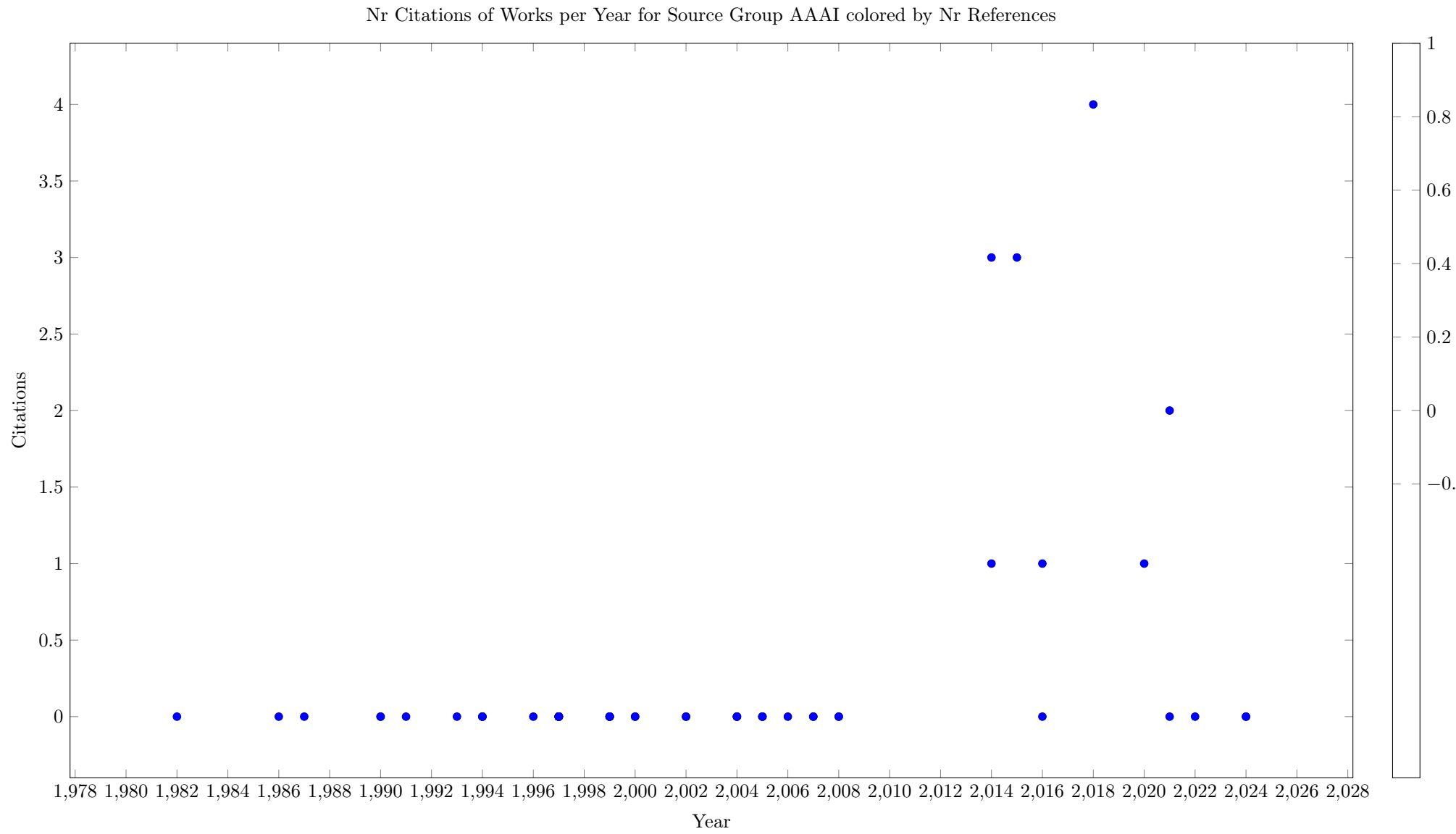
14.1 Source Group Citations by Year

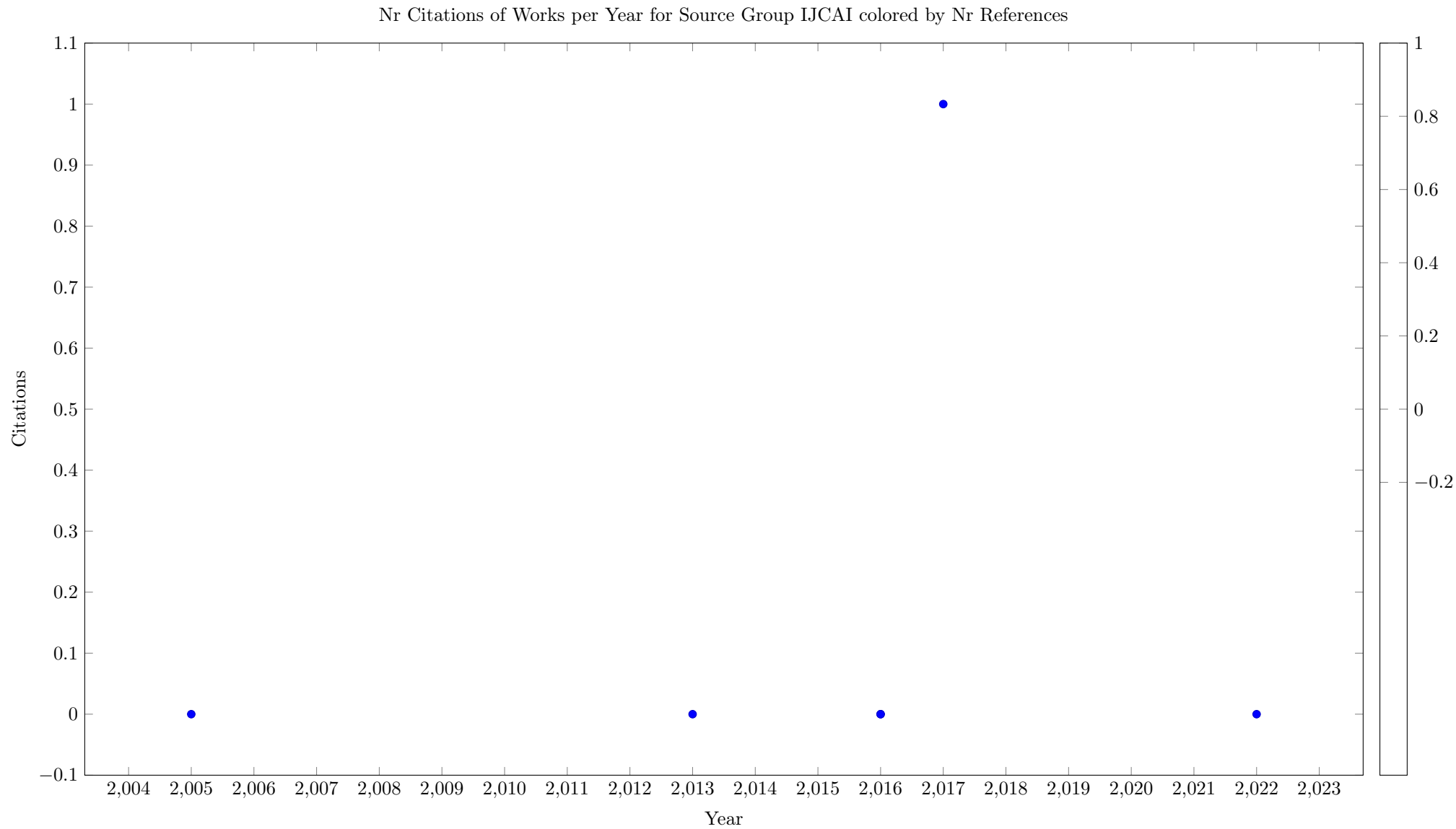


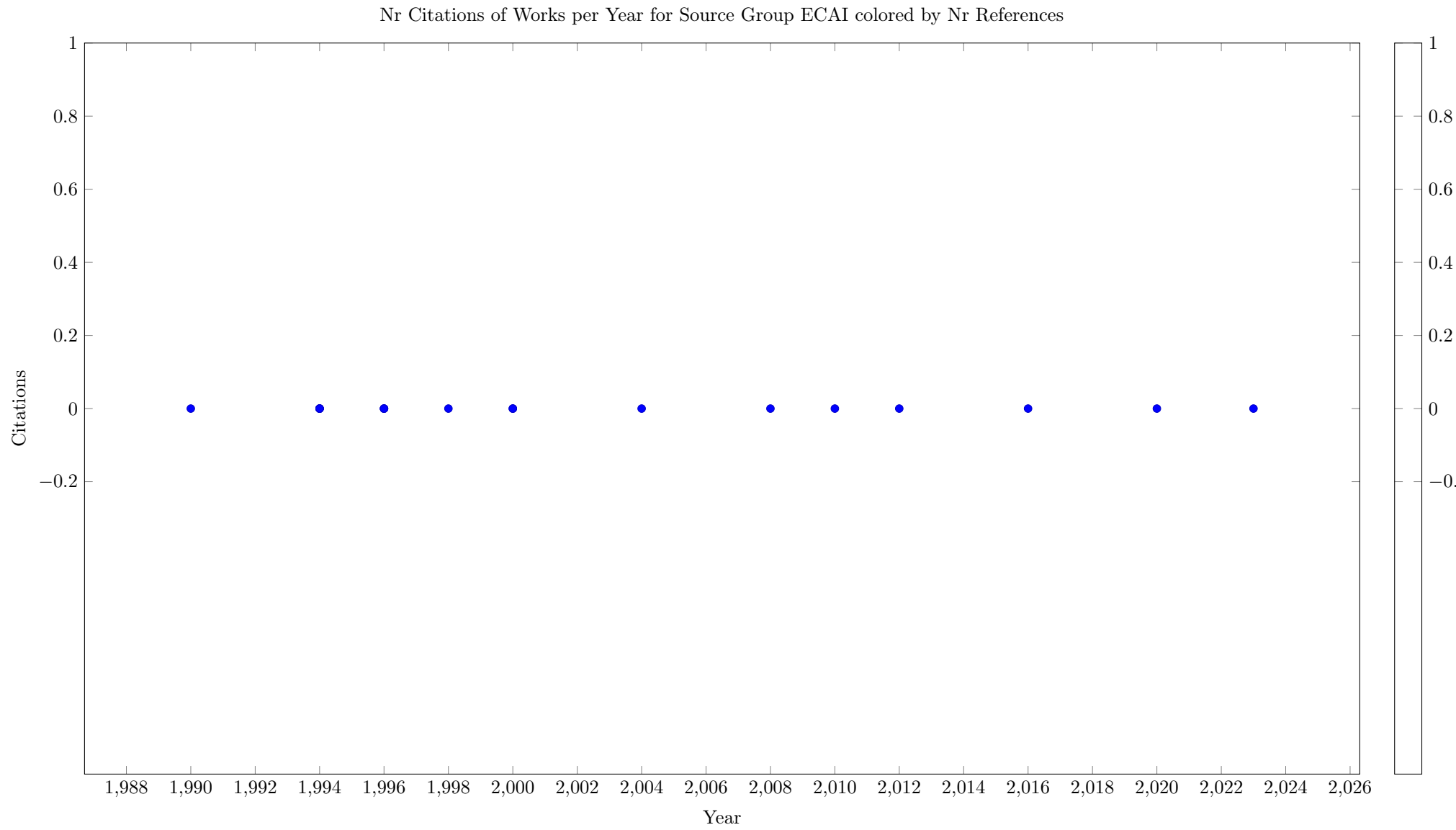


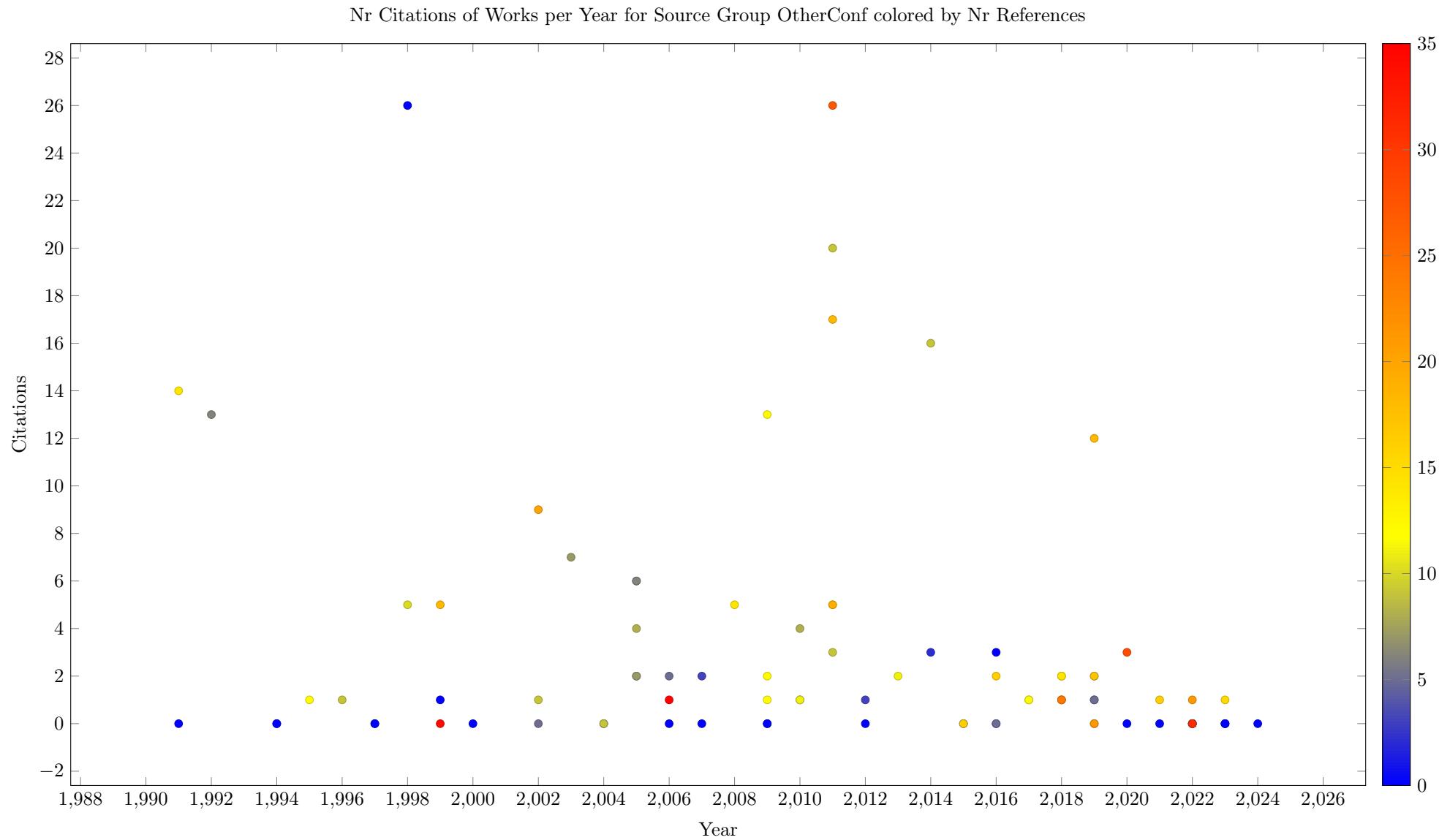


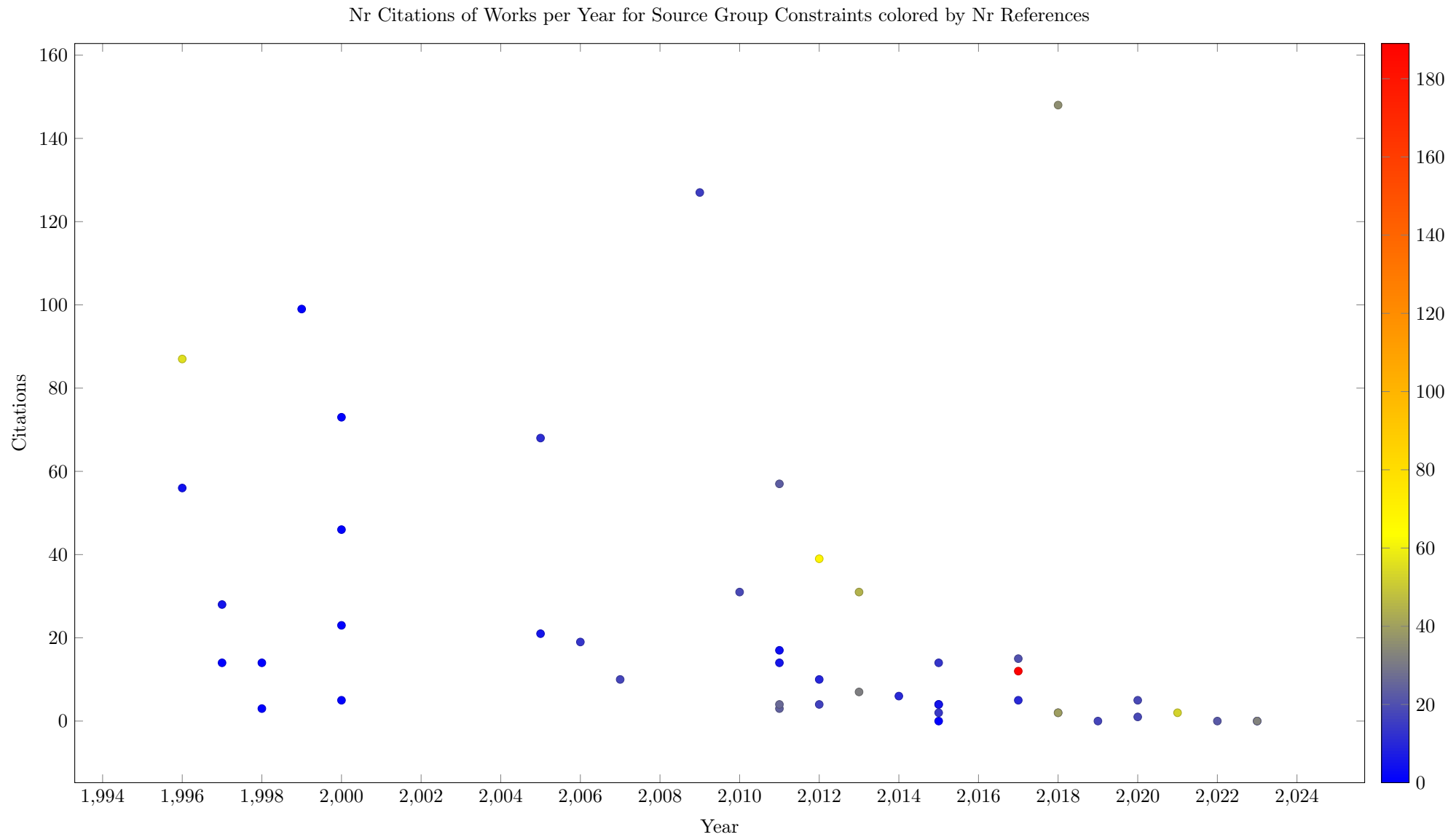


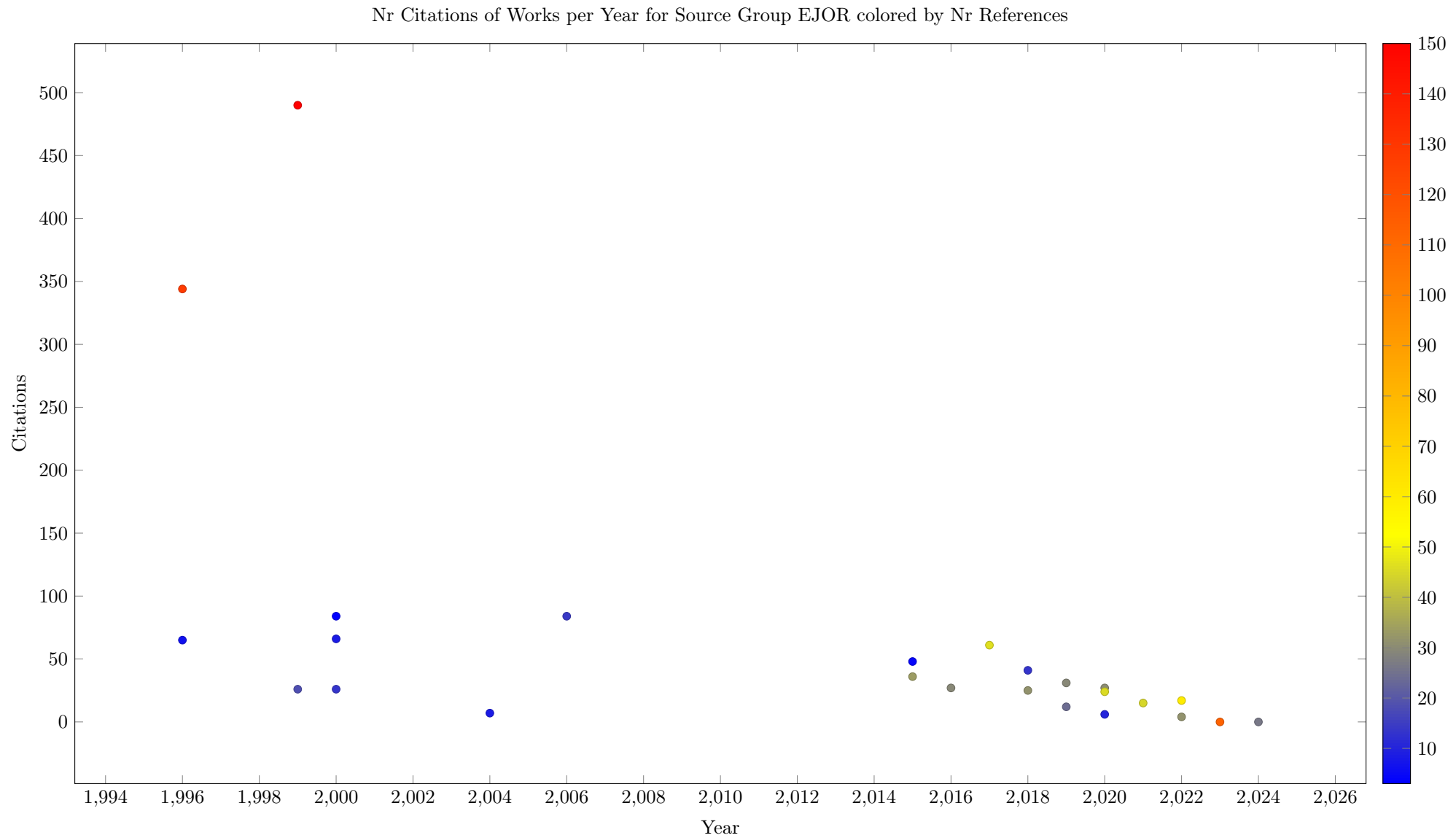


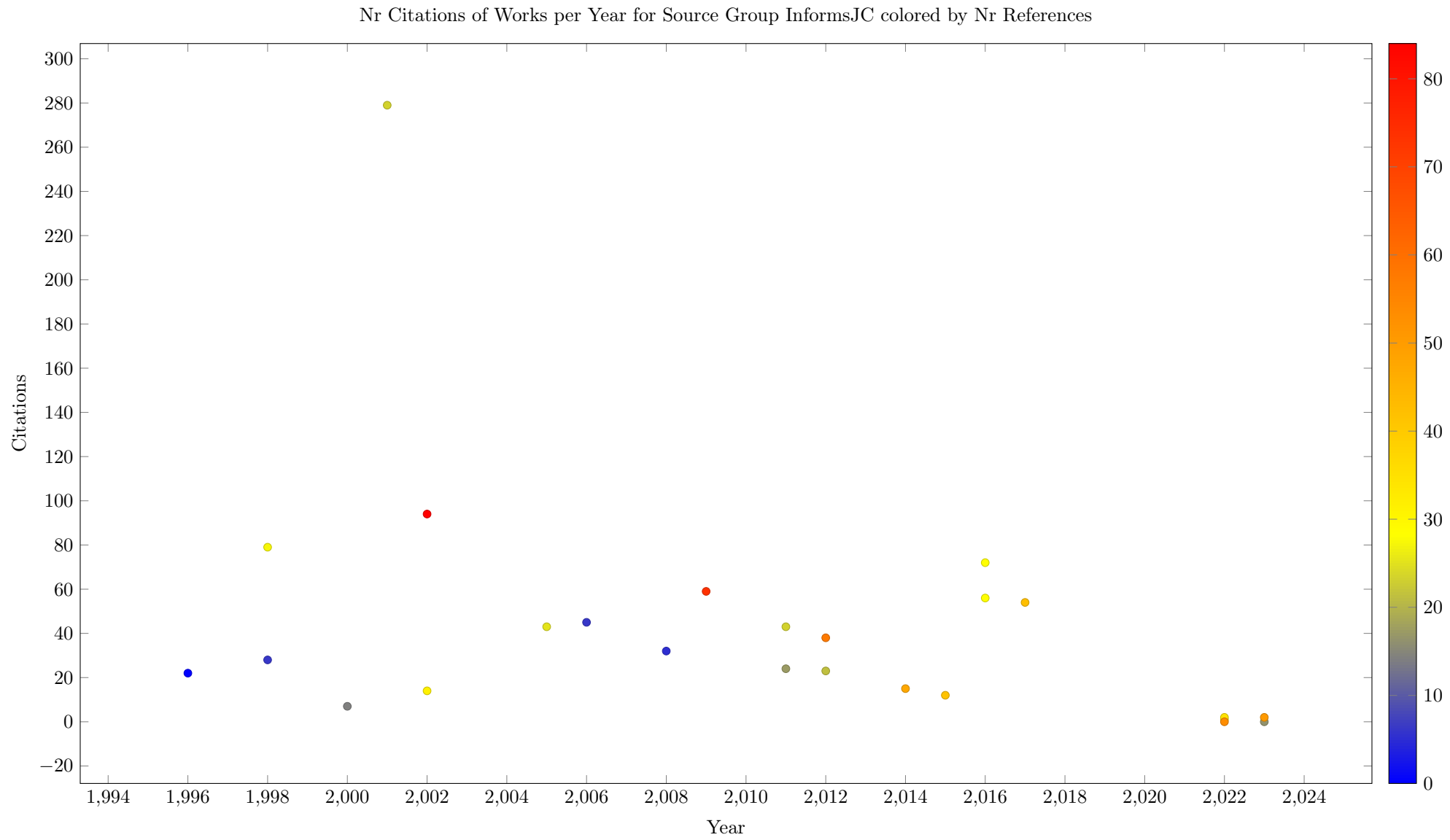


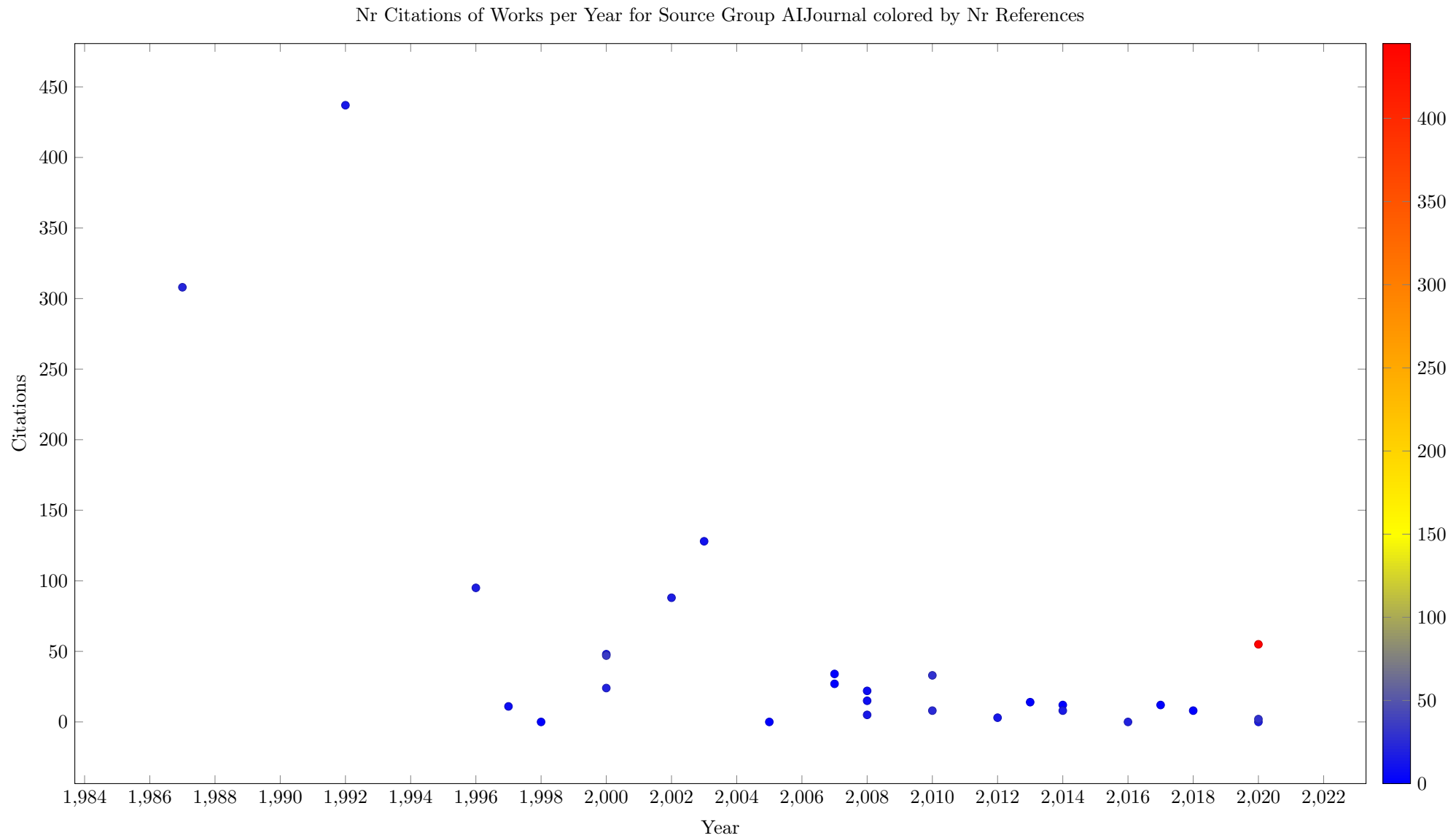


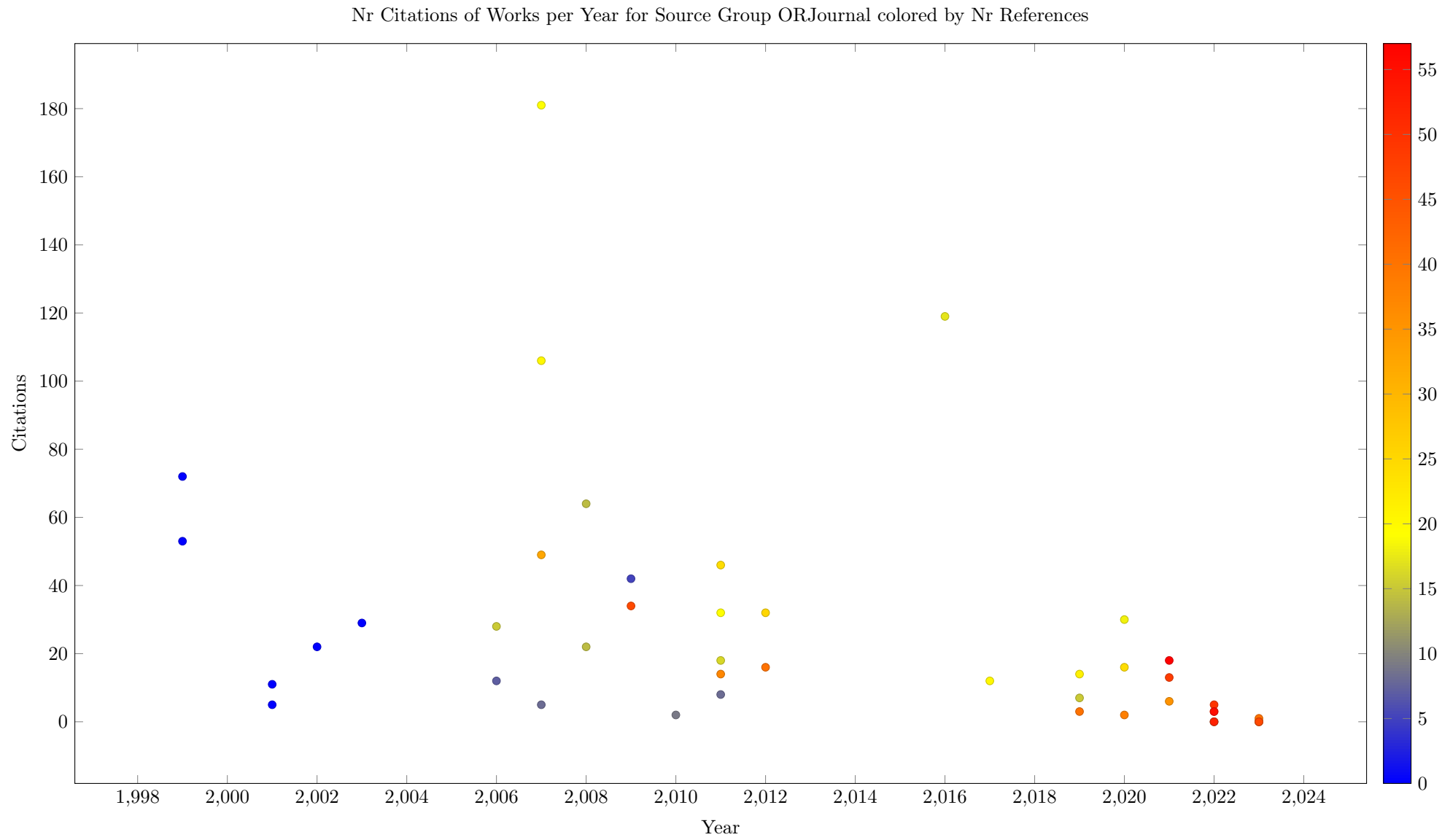


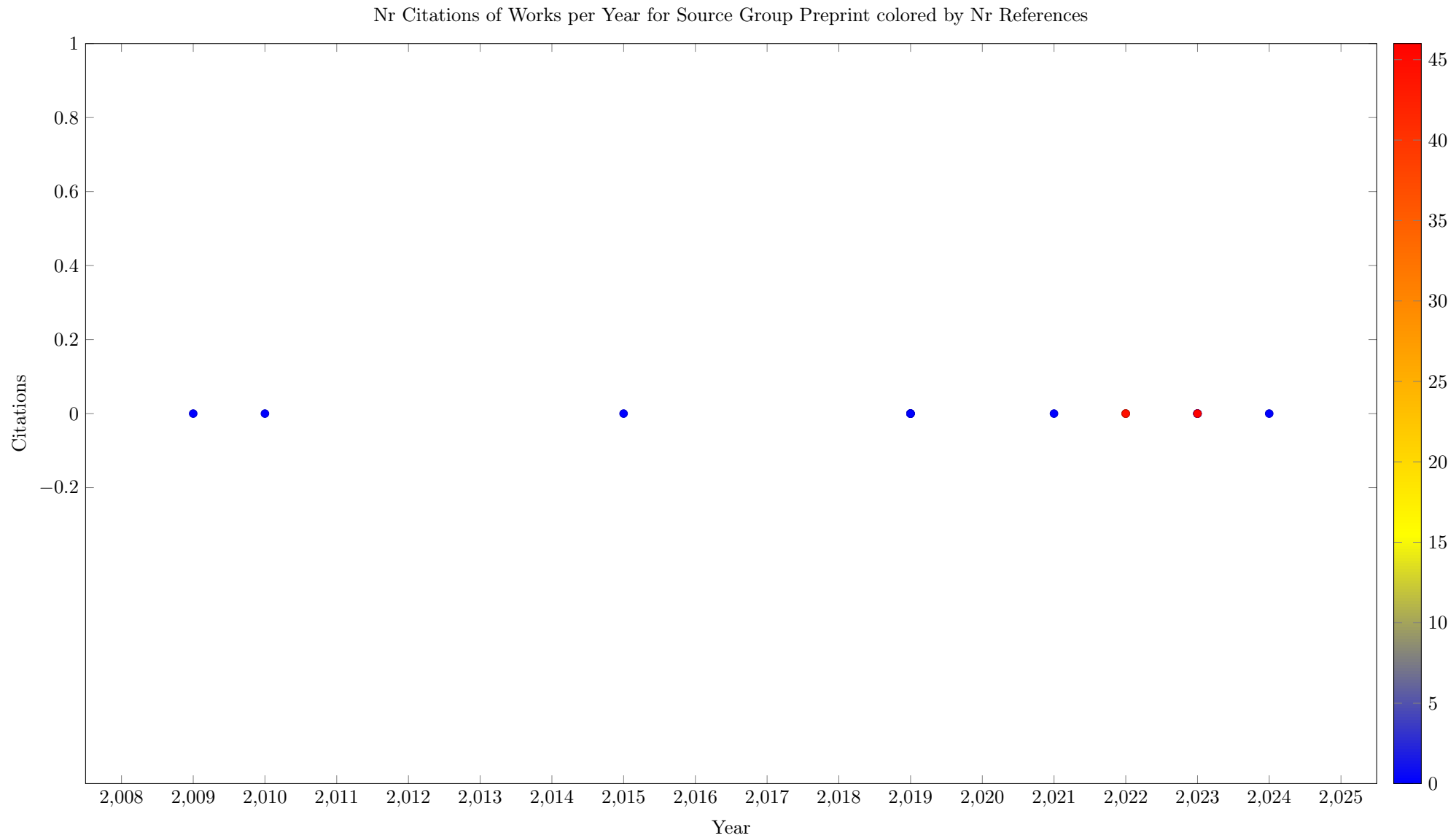


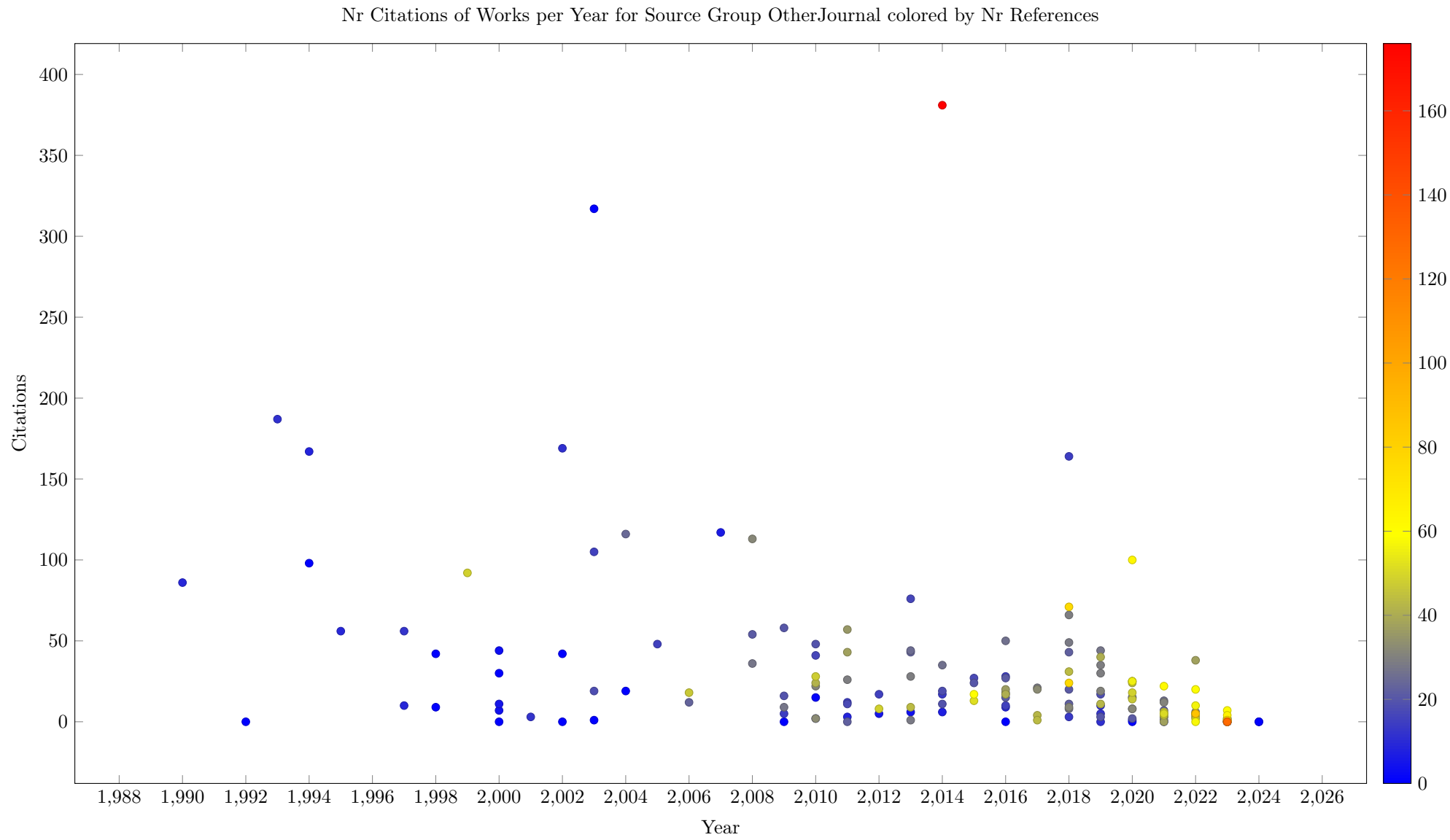


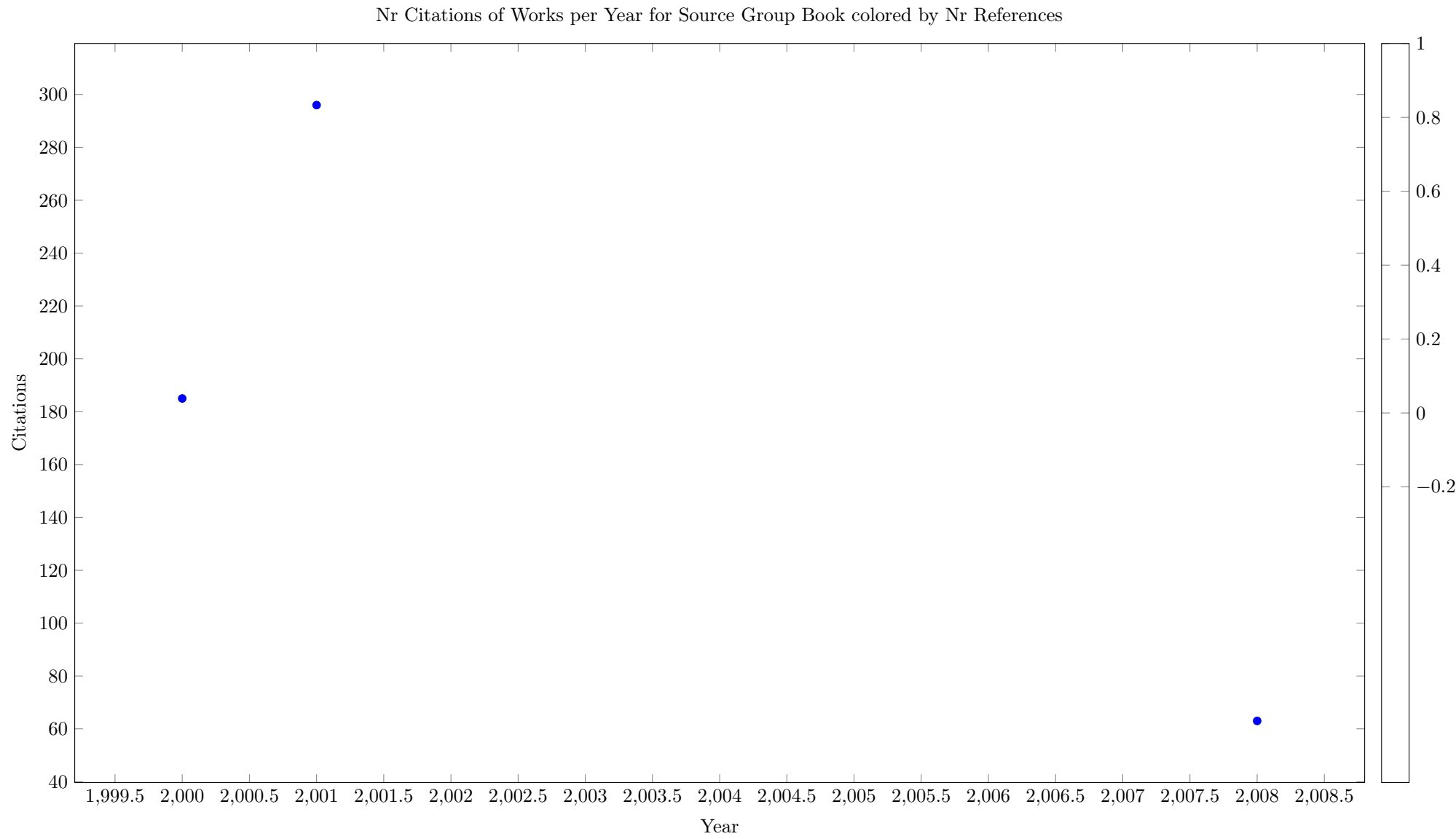


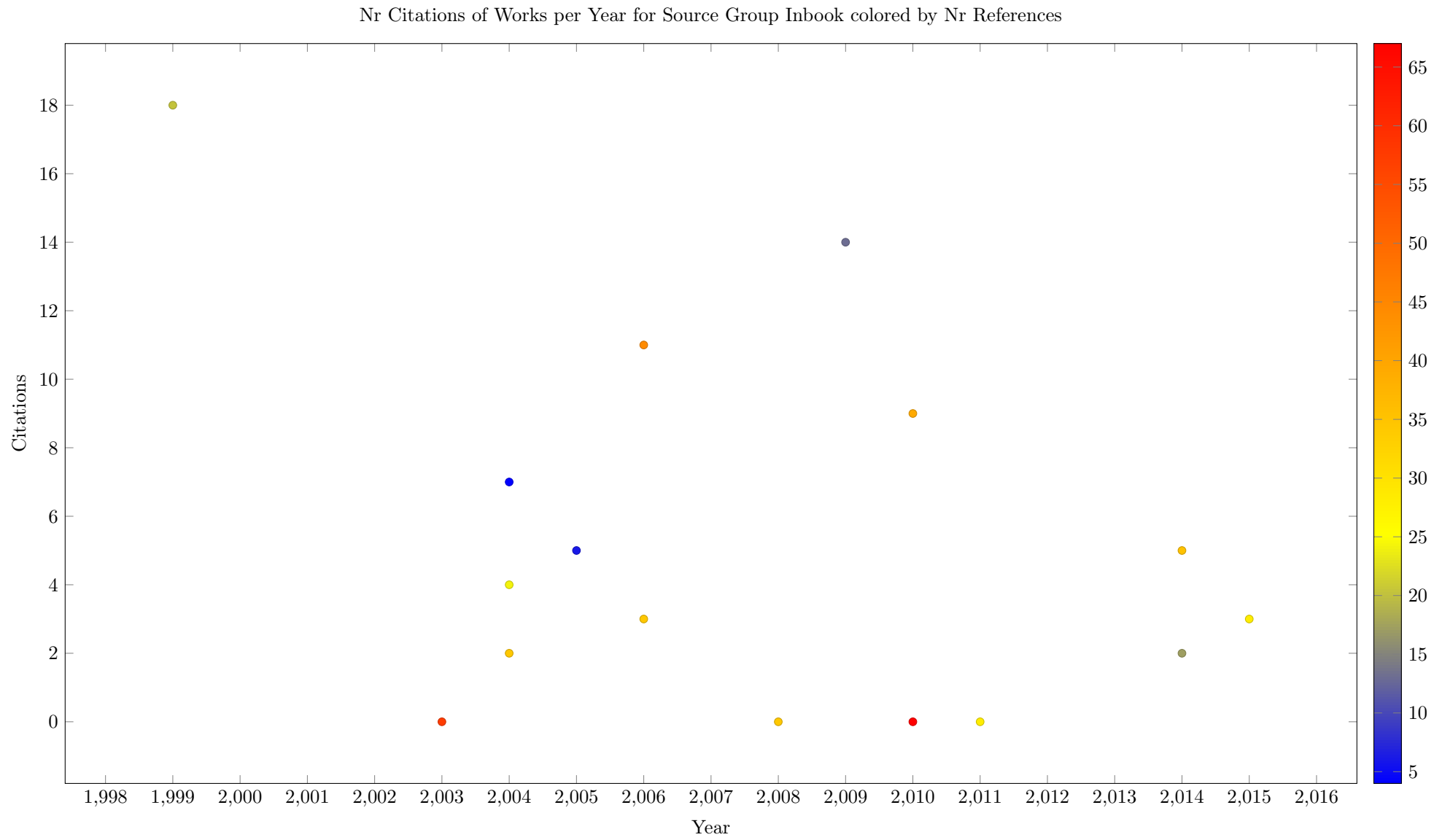


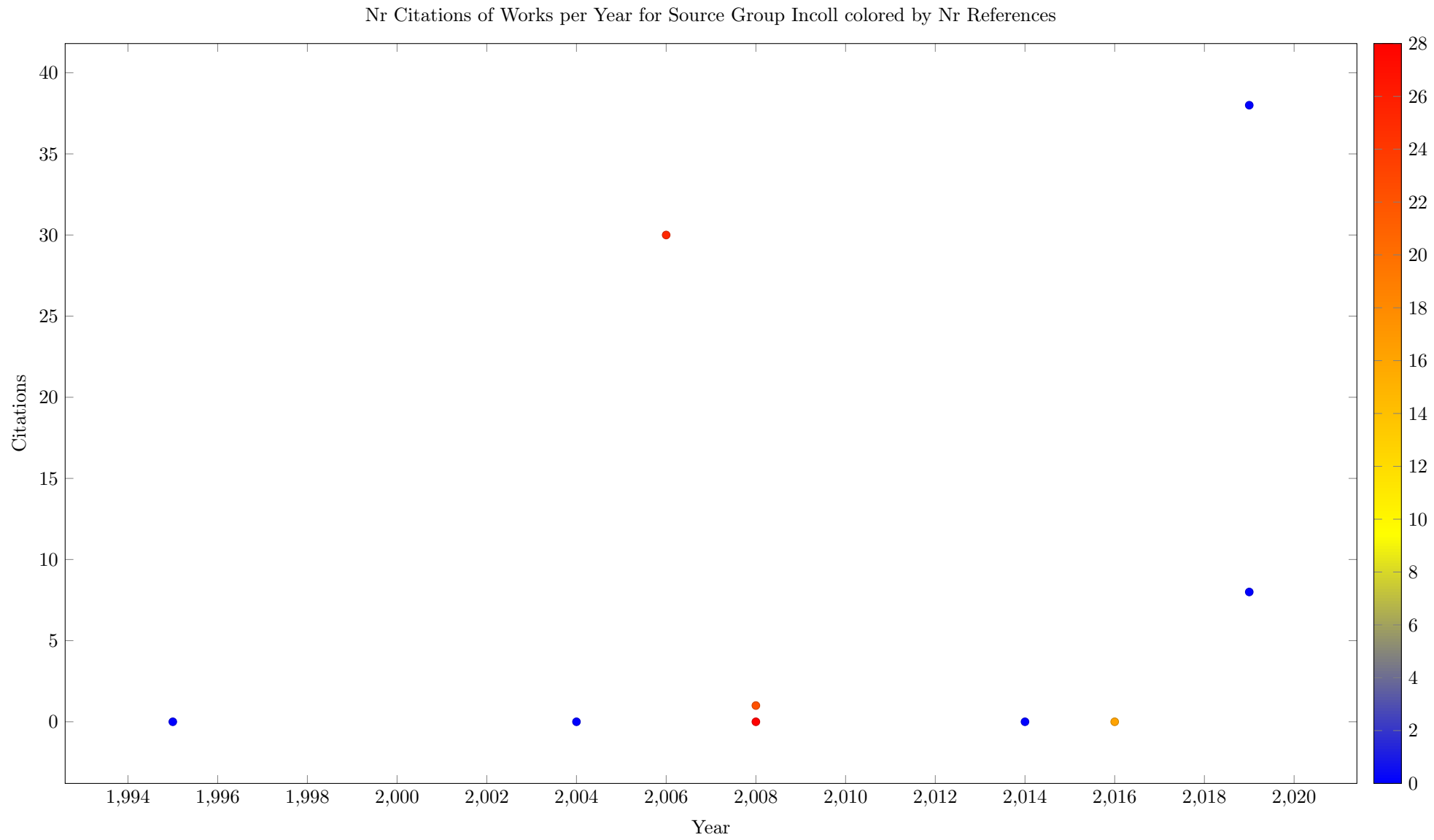


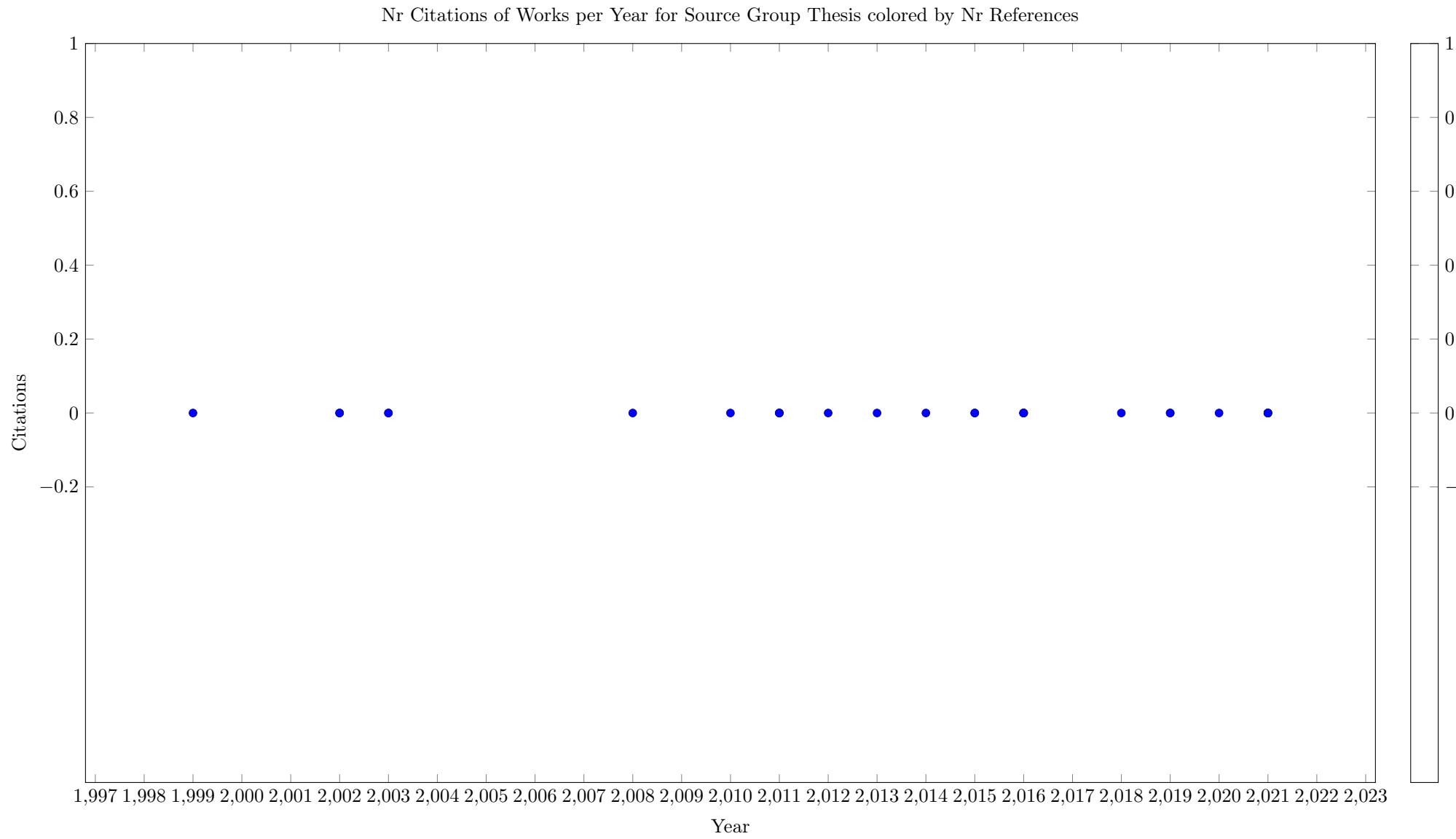












14.2 Reference Flows

Table 8: Reference Flows

| | Background | CP | CPAIOR | ICAPS | AAAI | OtherConf | Constraints | EJOR | InformsJC | AIJournal | ORJournal | OtherJournal | Book | Inbook | Incoll |
|--------------|------------|-----|--------|-------|------|-----------|-------------|------|-----------|-----------|-----------|--------------|------|--------|--------|
| Background | 68 | 15 | 3 | | | | 12 | 7 | 20 | 2 | 10 | 22 | 6 | 3 | |
| CP | 127 | 125 | 70 | 2 | 1 | 9 | 41 | 6 | 26 | 22 | 13 | 72 | 27 | 1 | 4 |
| CPAIOR | 96 | 110 | 65 | 1 | 1 | 14 | 47 | 10 | 25 | 10 | 20 | 65 | 27 | 2 | 2 |
| ICAPS | 4 | 3 | | | | | | | | | | | | | |
| OtherConf | 40 | 34 | 18 | | | 3 | 17 | 5 | 11 | 7 | 7 | 46 | 9 | 3 | |
| Constraints | 61 | 58 | 42 | 1 | | 5 | 23 | 3 | 14 | 10 | 13 | 54 | 18 | 2 | 1 |
| EJOR | 55 | 3 | 1 | | | | 10 | 17 | 18 | 4 | 14 | 33 | | | 1 |
| InformsJC | 63 | 21 | 11 | | | | 19 | 17 | 26 | 7 | 15 | 34 | 15 | | 1 |
| AIJournal | 32 | 9 | 4 | 1 | | 7 | 3 | 8 | 5 | 16 | 3 | 31 | 1 | 1 | |
| ORJournal | 73 | 36 | 17 | | | | 29 | 17 | 32 | 15 | 15 | 71 | 8 | 1 | 1 |
| Preprint | 4 | | | | | | 3 | 11 | 4 | | 4 | 8 | 1 | | |
| OtherJournal | 173 | 67 | 43 | | | 5 | 81 | 58 | 70 | 45 | 75 | 266 | 25 | 2 | 4 |
| Inbook | 68 | 16 | 10 | | | 1 | 14 | 7 | 20 | 3 | 16 | 38 | 9 | 4 | |
| Incoll | 12 | 2 | | | | | 2 | 3 | 1 | 5 | 1 | 2 | 2 | | |

Table 9: Reference Flows Normalized

| | Background | CP | CPAIOR | ICAPS | AAAI | OtherConf | Constraints | EJOR | InformsJC | AIJournal | ORJournal | OtherJournal | Book | Inbook | Incoll |
|--------------|------------|------|--------|-------|------|-----------|-------------|------|-----------|-----------|-----------|--------------|-------|--------|--------|
| Background | 3.85 | 0.27 | 0.07 | | | | 0.62 | 0.67 | 1.90 | 0.17 | 0.51 | 0.31 | 4.76 | 0.45 | |
| CP | 2.31 | 0.73 | 0.55 | 0.08 | 0.01 | 0.08 | 0.68 | 0.18 | 0.79 | 0.60 | 0.21 | 0.33 | 6.87 | 0.05 | 0.34 |
| CPAIOR | 2.36 | 0.87 | 0.69 | 0.06 | 0.02 | 0.16 | 1.05 | 0.41 | 1.03 | 0.37 | 0.44 | 0.40 | 9.28 | 0.13 | 0.23 |
| ICAPS | 0.53 | 0.13 | | | | | | | | | | | | | |
| OtherConf | 1.08 | 0.29 | 0.21 | | | 0.04 | 0.42 | 0.23 | 0.50 | 0.28 | 0.17 | 0.31 | 3.41 | 0.21 | |
| Constraints | 3.16 | 0.96 | 0.94 | 0.12 | | 0.12 | 1.09 | 0.26 | 1.22 | 0.78 | 0.60 | 0.70 | 13.04 | 0.27 | 0.24 |
| EJOR | 5.24 | 0.09 | 0.04 | | | | 0.87 | 2.72 | 2.88 | 0.57 | 1.19 | 0.79 | | | 0.44 |
| InformsJC | 6.00 | 0.64 | 0.45 | | | | 1.65 | 2.72 | 4.16 | 1.00 | 1.28 | 0.81 | 20.00 | | 0.44 |
| AIJournal | 2.72 | 0.25 | 0.15 | 0.20 | | 0.28 | 0.23 | 1.14 | 0.71 | 2.04 | 0.23 | 0.66 | 1.19 | 0.22 | |
| ORJournal | 3.70 | 0.58 | 0.37 | | | | 1.34 | 1.45 | 2.72 | 1.14 | 0.68 | 0.90 | 5.67 | 0.13 | 0.24 |
| Preprint | 0.60 | | | | | | 0.41 | 2.75 | 1.00 | | 0.53 | 0.30 | 2.08 | | |
| OtherJournal | 2.47 | 0.31 | 0.27 | | | 0.03 | 1.05 | 1.39 | 1.68 | 0.96 | 0.96 | 0.95 | 4.99 | 0.07 | 0.27 |
| Inbook | 10.12 | 0.76 | 0.64 | | | 0.07 | 1.90 | 1.75 | 5.00 | 0.67 | 2.13 | 1.42 | 18.75 | 1.56 | |
| Incoll | 3.17 | 0.17 | | | | | 0.48 | 1.33 | 0.44 | 1.98 | 0.24 | 0.13 | 7.41 | | |