



Wireless Information Networking Group (WING)

2017 IEEE VTS January BoG Meeting

Report on IEEE TVT

Yuguang “Michael” Fang

Editor-in-Chief, IEEE Transactions on Vehicular Technology

Wireless Networks Laboratory (WINET)

Department of Electrical & Computer Engineering

University of Florida



Editorial Board (January 2017)

- Editor-in-Chief
 - **Michael Fang**
- Administrator
 - **Linke Guo, Jianqing Liu, Haichuan Ding**
- Area Editors
 - **Gerhard Bauch**: Wireless Communications
 - **Nei Kato**: Wireless Networks and Mobile Services
 - **Alireza Khaligh**: Vehicular Electronics and Systems



Editorial Board (1/10/2017)

- Editors
 - X resigned/asked to resign
 - 10 added based on the need (considering various representation as well)
- SWAT Team
 - Linke Guo, lead (admin)
 - 8-10 members (currently 9)
 - Incentive: candidates for editors elevation (2 has been elevated this year)



Recognition of Top Performers (2016)

- Top Editor Performance Award
 - Edward Au, Huawei, Kanata, Ontario, Canada
 - Rui Dinis, da Universidade Nova de Lisboa
Lisbon, Portugal
 - Richard Souza, Federal University of Technology –
Parana, Brazil
- Top Reviewer Award
 - Derrick Wing Kwan Ng, Univ. of British Columbia, Canada
 - Nan Zhao, Dalian Univ. of Technology, China
 - Taneli Riihonen, Helsinki Univ. of Technology, Finland
 - Tri Nguyen, Ecole de Technologie Superieure, Canada



Wireless Information Networking Group (WING)

Top 15 Editors (2016)

| Editor | Average 1 st Decision Proc Time (days) | Completed Decisions |
|----------------------------|---|---------------------|
| Au, Edward | 31 | 26 |
| Dinis, Rui | 37 | 26 |
| Yacoub, Michel | 37 | 40 |
| Sun, Sumei | 39 | 36 |
| Souza, Richard | 41 | 26 |
| da Costa, Daniel Benevides | 42 | 23 |
| Mao, Guoqiang | 43 | 34 |
| Akin, Bilal | 43 | 32 |
| Taniguchi, Tomohiko | 44 | 19 |
| Ding, Zhiguo | 45 | 18 |
| Yuen, Chau | 45 | 26 |
| Chen, Jung-Chieh | 48 | 23 |
| Đào, Ngọc-Dũng | 49 | 26 |
| Song, Wei | 49 | 25 |
| Marabissi, Dania | 50 | 35 |



Impact Factor

- **Impact factor (popularity score):** The impact factor (IF) of an academic journal is a measure reflecting the yearly average number of citations to recent articles published in that journal. It is frequently used as a proxy for the relative importance of a journal within its field, with journals with higher impact factors deemed to be more important than those with lower ones. **X year's impact factor = (citations of papers published in $(X-1)$ and $(X-2)$) / total number of papers of citable papers published in $(X-1)$ and $(X-2)$.**
- **5-year impact factor (popularity score):** five year instead of 2 years.



ISI Other Metrics

- **Eigenfactor (prestige score)**: a rating of the total importance of a scientific journal. Journals are rated according to the number of incoming citations, with citations from highly ranked journals weighted to make a larger contribution to the eigenfactor than those from poorly ranked journals
- **Article Influence (prestige score)**: calculated by dividing the Eigenfactor by the percentage of all articles recorded in the Journal Citation Reports that were published in a specific journal. The Article Influence score measures the average influence per article of the papers in a journal.

ISI Impact Factor of This Journal

| Year | Impact Factor | 5-year Impact Factor | Eigenfactor Score | Article Influence Score | Total Cites/papers yearly |
|-------------|----------------------|-----------------------------|--------------------------|--------------------------------|----------------------------------|
| 2015 | 2.243 | 2.631 | 0.03526 | 1.092 | 10280/525 |
| 2014 | 1.978 | 2.483 | 0.03595 | 1.019 | 9390/417 |
| 2013 | 2.642 | 2.667 | 0.03380 | 0.944 | 9688/436 |
| 2012 | 2.063 | 2.019 | 0.02953 | 0.796 | 7393/393 |
| 2011 | 1.921 | 1.910 | 0.02728 | 0.801 | 6506/440 |
| 2010 | 1.490 | 1.824 | 0.01968 | 0.635 | 5956/446 |
| 2009 | 1.488 | 2.006 | 0.01853 | 0.707 | 5789/507 |
| 2008 | 1.308 | 2.239 | 0.01659 | 0.722 | 6060/363 |

ISI Metrics for Peer Journals (2015)

| Journal | Impact Factor | 5-year Impact Factor | Eigenfactor | Article Influence Score |
|------------------|----------------------|-----------------------------|--------------------|--------------------------------|
| IEEE TVT | 2.243 | 2.631 | 0.03526 | 1.092 |
| IEEE TWC | 2.925 | 3.16 | 0.05843 | 1.594 |
| IEEE TOC | 2.298 | 2.192 | 0.03521 | 1.187 |
| IEEE JSAC | 3.672 | 4.149 | 0.03652 | 2.468 |
| IEEE ITS | 2.534 | 3.155 | 0.01152 | 0.937 |
| IEEE AP | 2.053 | 2.263 | 0.04319 | 0.829 |
| IEEE PE | 4.953 | 5.192 | 0.004731 | 1.352 |



ISI Comparison with Peer Journals (2015)

| Journal | Impact Factor | 5-year Impact Factor | Eigenfactor | Article Influence Score |
|------------------|----------------------|-----------------------------|--------------------|--------------------------------|
| IEEE TVT | Q1 | Q1 | Q1 | Q1 |
| IEEE TWC | Q1 | Q1 | Q1 | Q1 |
| IEEE TOC | Q1 | Q2 | Q1 | Q1 |
| IEEE JSAC | Q1 | Q1 | Q1 | Q1 |
| IEEE ITS | Q1 | Q1 | Q2 | Q1 |
| IEEE AP | Q2 | Q2 | Q1 | Q2 |
| IEEE PE | Q1 | Q1 | Q1 | Q1 |



Other Statistics (2015)

- Telecommunications:
 - Impact factor (2-year): ranked 14th among journals and magazines; ranked 8th among journals
 - Impact factor (5-year): ranked 11th among journals and magazines; ranked 6th among journals
 - Eigenfactor: ranked 5th among journals and magazines; ranked 4th among journals
 - Article Influence: ranked 11th among journals and magazines; ranked 7th among journals
- China Journal Classification
 - Category 2 (all journals are grouped into 4 categories according to impact factor with highest 1, TVT was 3 before 2014 and now it got into 2, considered a significant jump for researchers in China)



Xplore Downloads

| Year | Pdf downloads |
|------|------------------------------------|
| 2009 | 458,210 (ranked 21 st) |
| 2010 | 486,646 (ranked 21 st) |
| 2011 | 524,733 (ranked 21 st) |
| 2012 | 570,270 (ranked 20 th) |
| 2013 | 570,322 (ranked 20 th) |
| 2014 | 580,695 (ranked 19 th) |
| 2015 | 604,934 (ranked 19 th) |

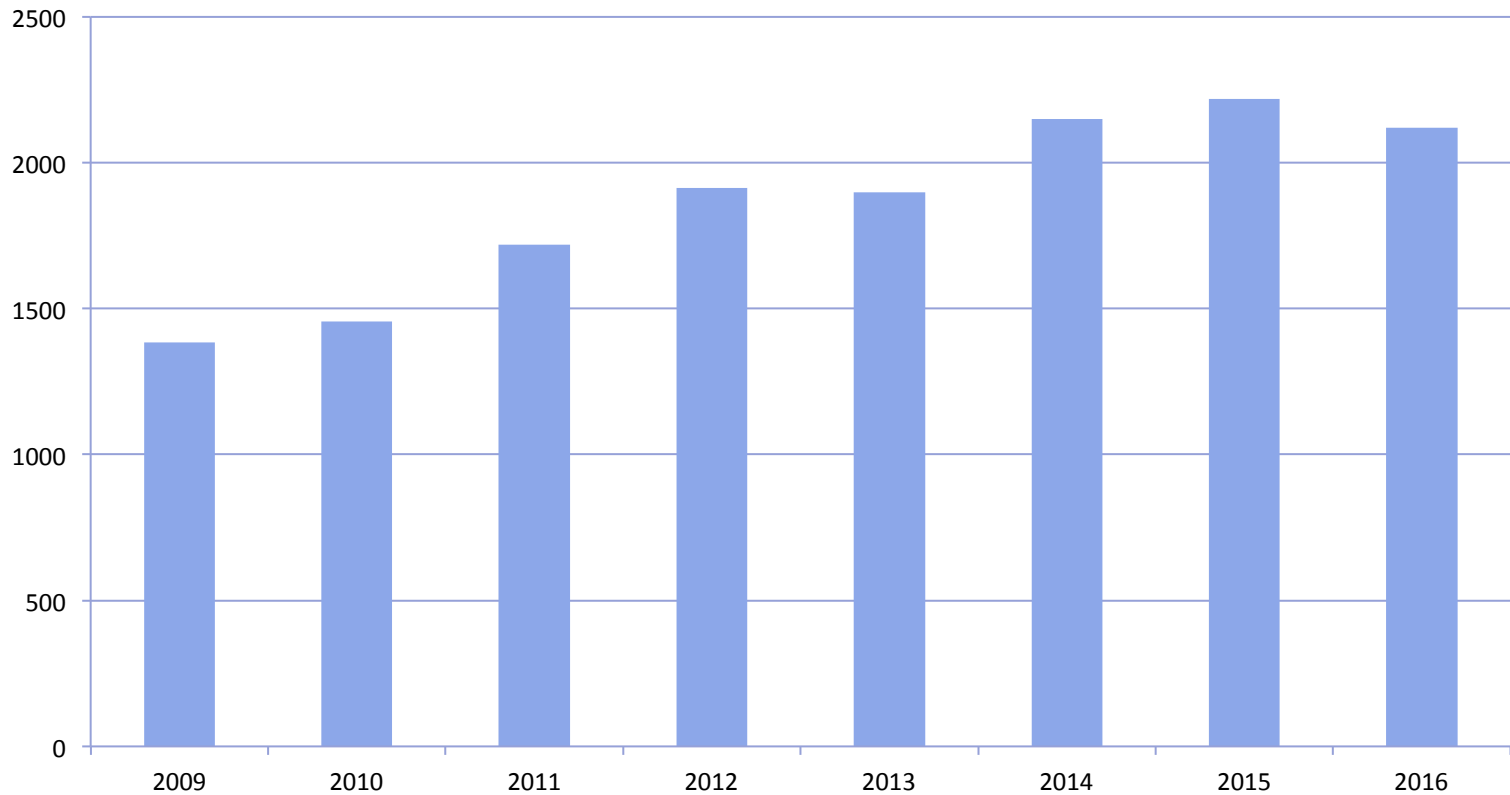
Xplore Downloads Distribution (Prev 5 Years)

| Year | downloads | | | | | |
|------|-----------|---------|---------|--------|--------|--------|
| 2009 | 458,210 | 140,427 | 74,733 | 44,439 | 19,828 | 21,380 |
| 2010 | 486,646 | 138,340 | 107,826 | 50,398 | 37,518 | 14,885 |
| 2011 | 524,733 | 135,422 | 95,185 | 71,410 | 37,808 | 33,988 |
| 2012 | 570,270 | 127,732 | 105,657 | 75,305 | 60,909 | 33,072 |
| 2013 | 570,322 | 143,044 | 82,934 | 67,206 | 55,605 | 48,642 |
| 2014 | 580,695 | 155,429 | 86,111 | 52,369 | 52,658 | 43,555 |
| 2015 | 604,934 | 194,646 | 77,662 | 48,668 | 39,187 | 40,317 |



Wireless Information Networking Group (WING)

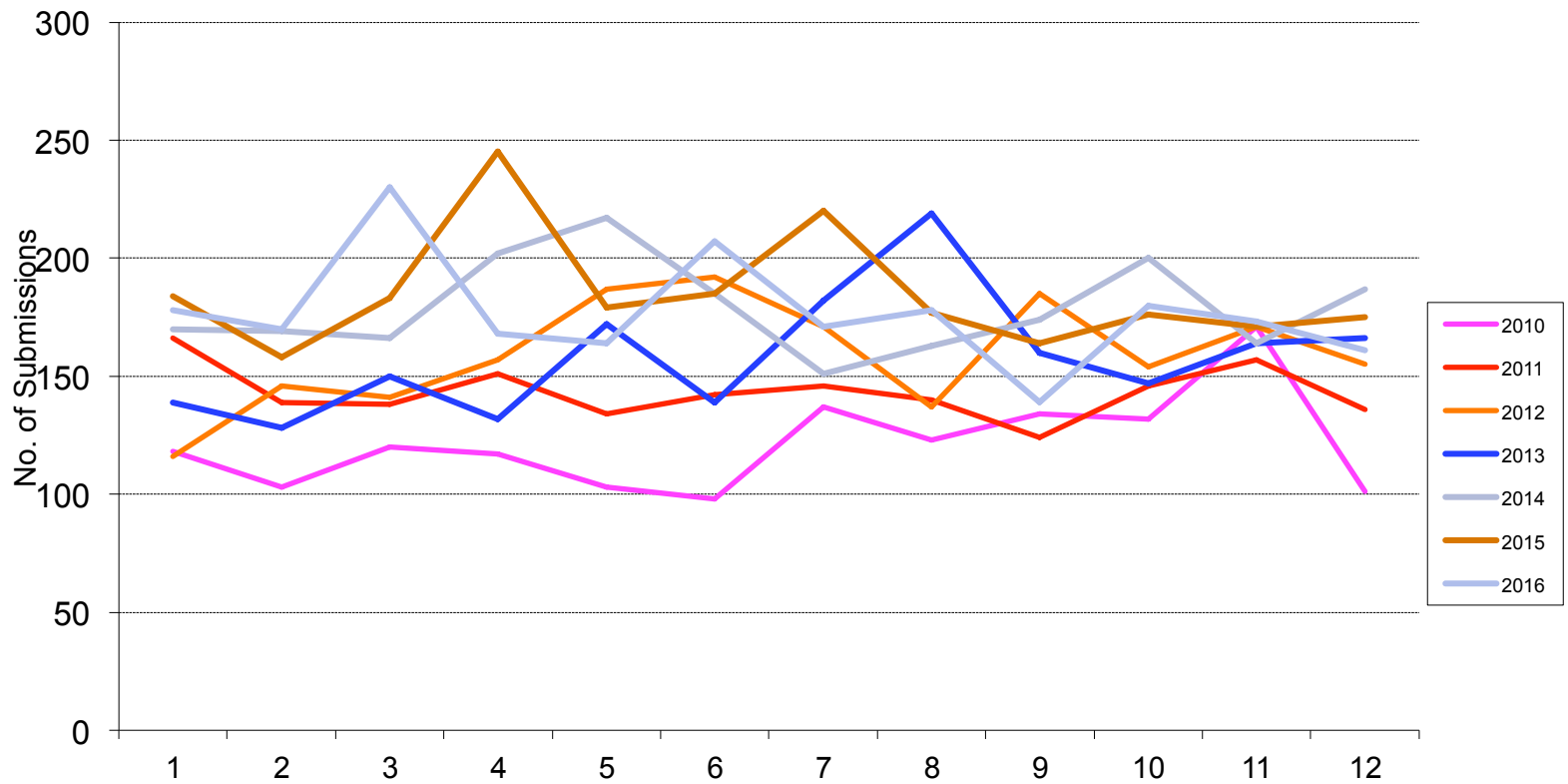
Submission Trend (2009-2016)



| Year | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|-----------------------|------|------|------|------|------|------|------|------|
| Number of Submissions | 1385 | 1457 | 1719 | 1912 | 1898 | 2148 | 2217 | 2119 |



Submission Distribution (2010-2016)





Wireless Information Networking Group (WING)

Editorial Decision Statistics

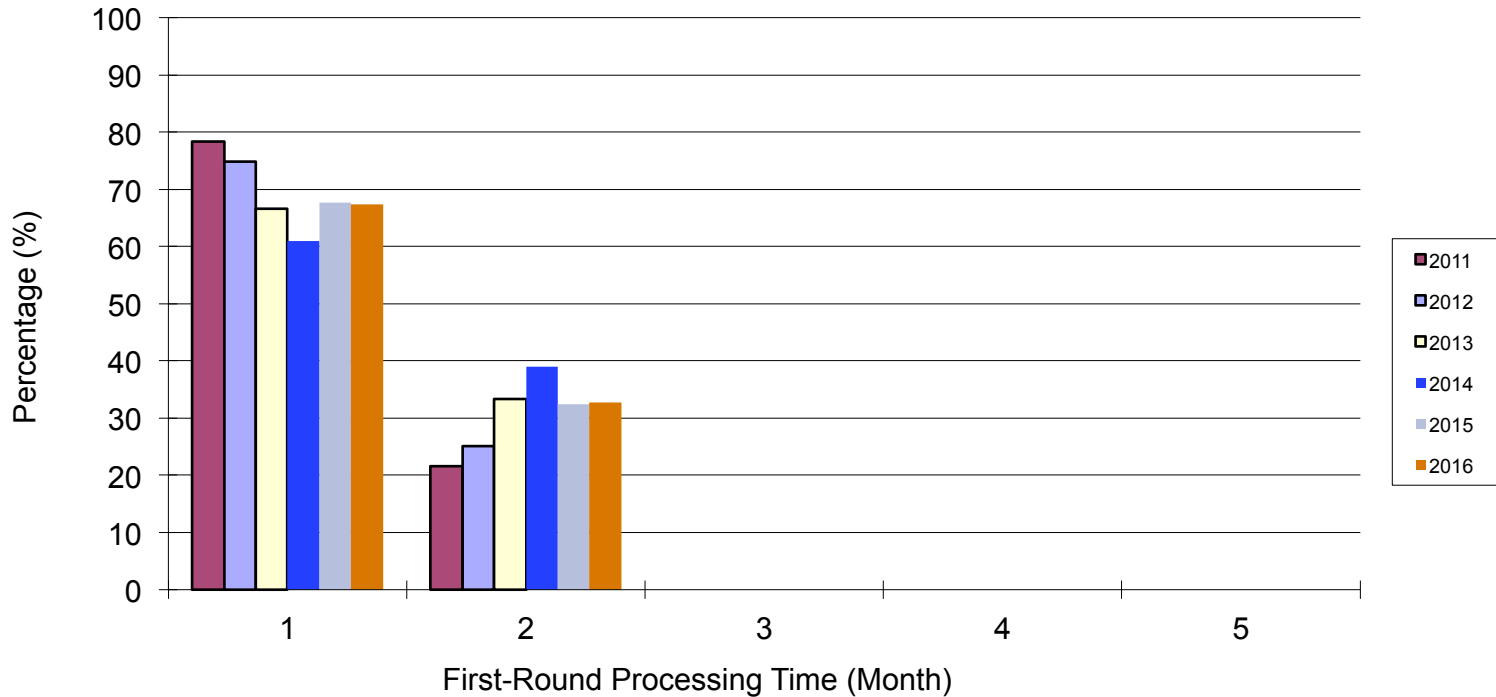
(As of December 31, 2016)

| Year | 2012 | 2013 | 2014 | 2015 | 2016 |
|---------------------------------|------|------|------|------|------|
| Accepted | 551 | 583 | 738 | 734 | 262 |
| Rejected | 1313 | 1240 | 1278 | 1303 | 1115 |
| Under process | 0 | 0 | 0 | 72 | 663 |
| Withdrawn | 48 | 75 | 132 | 108 | 79 |
| Total No. of Submissions | 1912 | 1898 | 2148 | 2217 | 2119 |

| Year | 2012 | 2013 | 2014 | 2015 | 2016 |
|---------------------------------|--------|--------|--------|--------|--------|
| Accepted | 28.82% | 30.72% | 34.36% | 33.11% | 12.36% |
| Rejected | 68.67% | 65.33% | 59.50% | 58.77% | 52.62% |
| Under process | 0.00% | 0.00% | 0.00% | 3.25% | 31.29% |
| Withdrawn | 2.51% | 3.95% | 6.15% | 4.87% | 3.73% |
| Total No. of Submissions | 1912 | 1898 | 2148 | 2217 | 2119 |



2011-2016 1st-Round Processing Time



| Year | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|------|------|------|------|------|------|
| Avg. 1st-Round Processing Time (in Month) | 2.25 | 2.38 | 2.57 | 2.80 | 2.60 | 2.45 |
| S.d. 1st-Round Processing Time (in Month) | 1.21 | 1.29 | 1.42 | 1.73 | 1.54 | 1.68 |

Turnaround and Overall Processing Time (2012 -2016)

| Year | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|------|------|------|------|------|
| Avg. 1 st -Round Processing Time (Month) | 2.39 | 2.57 | 2.80 | 2.60 | 2.45 |
| Avg. 2 nd -Round Processing Time (Month) | 1.88 | 2.03 | 1.99 | 1.93 | 1.74 |
| Avg. 3 rd -Round Processing Time (Month) | 1.30 | 1.40 | 1.36 | 1.30 | 0.93 |
| Avg. 4 th -Round Processing Time (Month) | 1.18 | 1.23 | 1.12 | 1.14 | 0.56 |
| Avg. 5th-Round Processing Time (Month) | 0.83 | 1.15 | 0.50 | 0.10 | / |
| Avg. Turn-around Processing Time (Month) | 2.12 | 2.30 | 2.40 | 2.26 | 2.27 |
| Avg. Overall Processing Time: "Accept" (Month) | 7.50 | 7.68 | 7.70 | 7.42 | 5.92 |
| Avg. Overall Processing Time: "Reject" (Month) | 2.53 | 2.74 | 3.10 | 2.79 | 2.42 |

| Year | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|------|------|------|------|------|
| S.D. 1 st -Round Processing Time (Month) | 1.29 | 1.42 | 1.73 | 1.54 | 1.68 |
| S.D. 2 nd -Round Processing Time (Month) | 0.97 | 1.15 | 1.28 | 0.92 | 0.84 |
| S.D. 3 rd -Round Processing Time (Month) | 1.02 | 1.15 | 1.01 | 0.94 | 0.72 |
| S.D. 4 th -Round Processing Time (Month) | 1.19 | 1.27 | 1.23 | 1.16 | 0.60 |
| S.D. 5th-Round Processing Time (Month) | 0.66 | 0.80 | 0.53 | 0.00 | / |
| S.D. Turn-around Processing Time (Month) | 1.26 | 1.39 | 1.65 | 1.43 | 1.59 |
| S.D. Overall Processing Time: "Accept" (Month) | 3.25 | 3.22 | 3.37 | 2.80 | 2.18 |
| S.D. Overall Processing Time: "Reject" (Month) | 1.84 | 2.12 | 2.31 | 2.15 | 1.84 |

Average Submission-to-ePublication Duration (2013)

| Journal | 2013 Q1 | | 2013 Q2 | | 2013 Q3 | | 2013 Q4 | | Total | |
|----------|---------|-------|---------|-------|---------|-------|---------|-------|-------|-------|
| | Paper | Weeks | Paper | Weeks | Paper | Weeks | Paper | Weeks | Paper | Weeks |
| TVT | 138 | 34.9 | 129 | 33.2 | 100 | 37 | 132 | 35.5 | 499 | 35.2 |
| TWC | 143 | 47.2 | 137 | 46.2 | 149 | 41.5 | 127 | 45.3 | 556 | 45.1 |
| TCOM | 139 | 51 | 108 | 44.5 | 98 | 43.9 | 85 | 39.2 | 430 | 44.7 |
| ITS | 32 | 39.2 | 62 | 36.8 | 57 | 38.5 | 46 | 37.2 | 197 | 37.9 |
| PE | 152 | 23.5 | 159 | 25 | 160 | 23.7 | 158 | 23.2 | 629 | 23.9 |
| AP | 182 | 37.1 | 162 | 35.7 | 183 | 34.2 | 187 | 37.2 | 714 | 36.1 |
| ALL IEEE | 7402 | 34 | 6891 | 33.7 | 7143 | 33.3 | 6617 | 32.2 | 28053 | 33.3 |

Average Submission-to-ePublication Duration (2014)

| Journal | 2014 Q1 | | 2014 Q2 | | 2014 Q3 | | 2014 Q4 | | Total | |
|----------|---------|-------|---------|-------|---------|-------|---------|-------|--------|-------|
| | Paper | Weeks | Paper | Weeks | Paper | Weeks | Paper | Weeks | Paper | Weeks |
| TVT | 166 | 37.6 | 151 | 36.3 | 192 | 34.1 | 151 | 34.8 | 660 | 35.7 |
| TWC | 167 | 44.5 | 220 | 40.7 | 157 | 39.2 | 142 | 41.0 | 686 | 41.35 |
| TCOM | 88 | 37.9 | 106 | 36.5 | 87 | 34.2 | 92 | 34.8 | 373 | 35.85 |
| ITS | 81 | 36.6 | 74 | 37.1 | 92 | 37.0 | 52 | 40.2 | 299 | 37.73 |
| PE | 199 | 22.1 | 146 | 36.5 | 166 | 22.5 | 152 | 21.2 | 663 | 25.58 |
| AP | 209 | 35.8 | 171 | 34.1 | 173 | 33.8 | 168 | 36.9 | 721 | 35.15 |
| ALL IEEE | 7269 | 32 | 7240 | 32.2 | 7564 | 31.5 | 8042 | 30.5 | 30,115 | 31.55 |

Average Submission-to-ePublication Duration (2015)

| Journal | 2015 Q1 | | 2015 Q2 | | 2015 Q3 | | 2015 Q4 | | Total | |
|----------|---------|-------|---------|-------|---------|-------|---------|-------|-------|-------|
| | Paper | Weeks | Paper | Weeks | Paper | Weeks | Paper | Weeks | Paper | Weeks |
| TVT | 206 | 36.8 | 168 | 35.1 | 215 | 35.7 | 183 | 36 | 772 | 35.9 |
| TWC | 132 | 41.3 | 150 | 40.3 | 151 | 38 | 138 | 39.7 | 571 | 39.83 |
| TCOM | 98 | 33.7 | 89 | 32.8 | 124 | 33 | 104 | 33.2 | 415 | 33.18 |
| ITS | 67 | 43.2 | 68 | 44.3 | 56 | 39 | 99 | 43.8 | 290 | 42.58 |
| PE | 182 | 22.0 | 182 | 21.9 | 189 | 21.5 | 195 | 22.3 | 748 | 21.93 |
| AP | 197 | 37.2 | 164 | 36.1 | 170 | 38.3 | 180 | 36 | 711 | 36.9 |
| ALL IEEE | 7641 | 30.7 | 8465 | 31.2 | 7815 | 29.5 | 7716 | 29.1 | 24637 | 30.13 |



Wireless Information Networking Group (WING)

2011-2015 Publication Data

| Year | Number of Papers (SCI used number of papers) | Total Pages |
|------|--|-------------|
| 2012 | 393 | 4269 |
| 2013 | 436 | 4771 |
| 2014 | 417 | 4827 |
| 2015 | 525 | 6031 |
| 2016 | 894 | 10242 |

- Since 2015, we have 12 issues. 2011-2014: 9 issues