



*Wireless Information Networking Group (WING)*

## **2017 IEEE VTS January BoG Meeting**

# **Report on IEEE TVT**

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**Editor-in-Chief, IEEE Transactions on Vehicular Technology**

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**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



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## Top 15 Editors (2016)

Editor	Average 1 <sup>st</sup> 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

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



## ISI Metrics for Peer Journals (2015)

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



## ISI Comparison with Peer Journals (2015)

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



## Other Statistics (2015)

- Telecommunications:
  - Impact factor (2-year): ranked 14th among journals and magazines; ranked 8<sup>th</sup> among journals
  - Impact factor (5-year): ranked 11<sup>th</sup> among journals and magazines; ranked 6<sup>th</sup> among journals
  - Eigenfactor: ranked 5<sup>th</sup> among journals and magazines; ranked 4<sup>th</sup> among journals
  - Article Influence: ranked 11<sup>th</sup> among journals and magazines; ranked 7<sup>th</sup> 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 <sup>st</sup> )
2010	486,646 (ranked 21 <sup>st</sup> )
2011	524,733 (ranked 21 <sup>st</sup> )
2012	570,270 (ranked 20 <sup>th</sup> )
2013	570,322 (ranked 20 <sup>th</sup> )
2014	580,695 (ranked 19 <sup>th</sup> )
2015	604,934 (ranked 19 <sup>th</sup> )

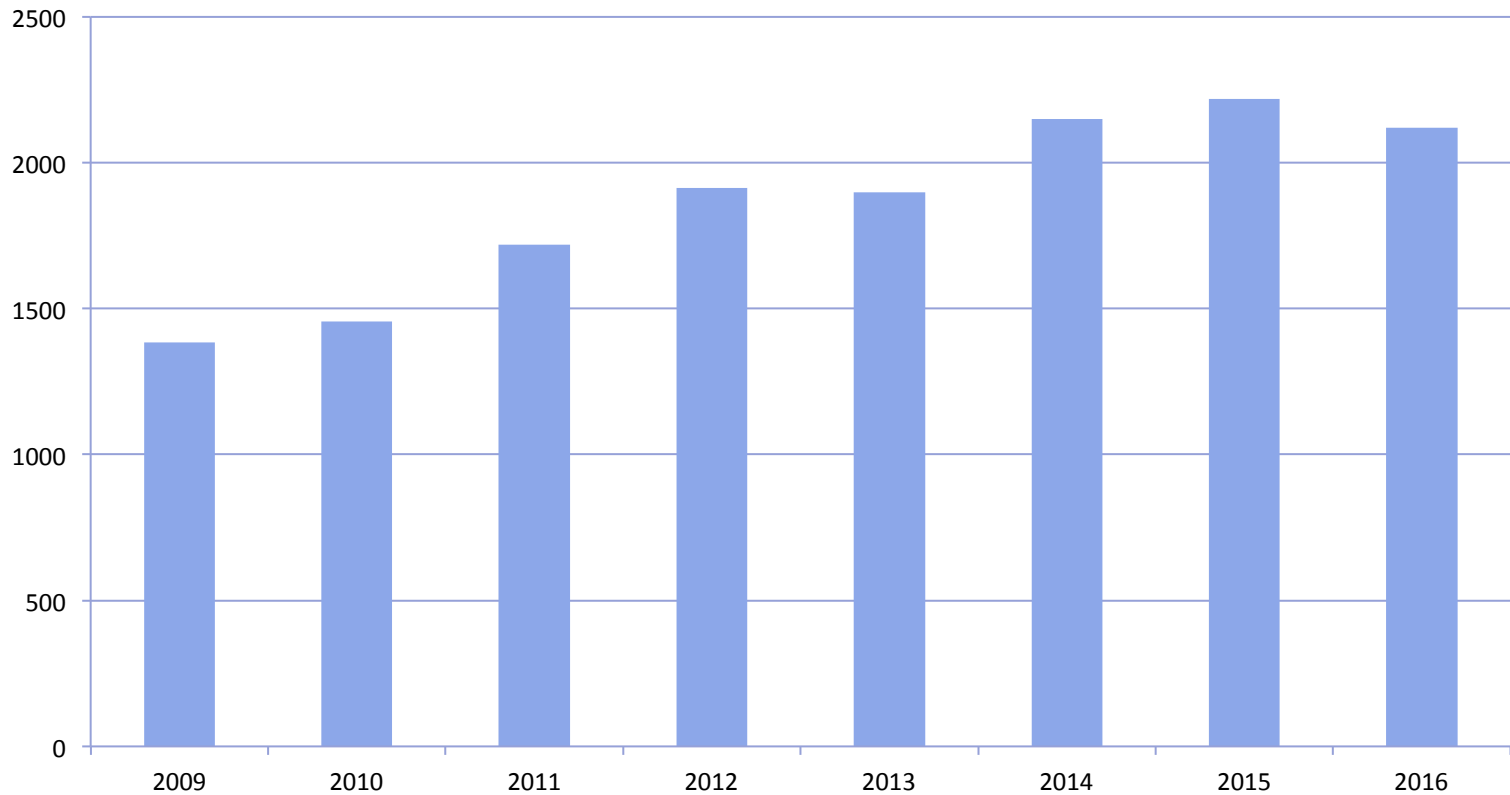
## Xplore Downloads Distribution (Prev 5 Years)

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



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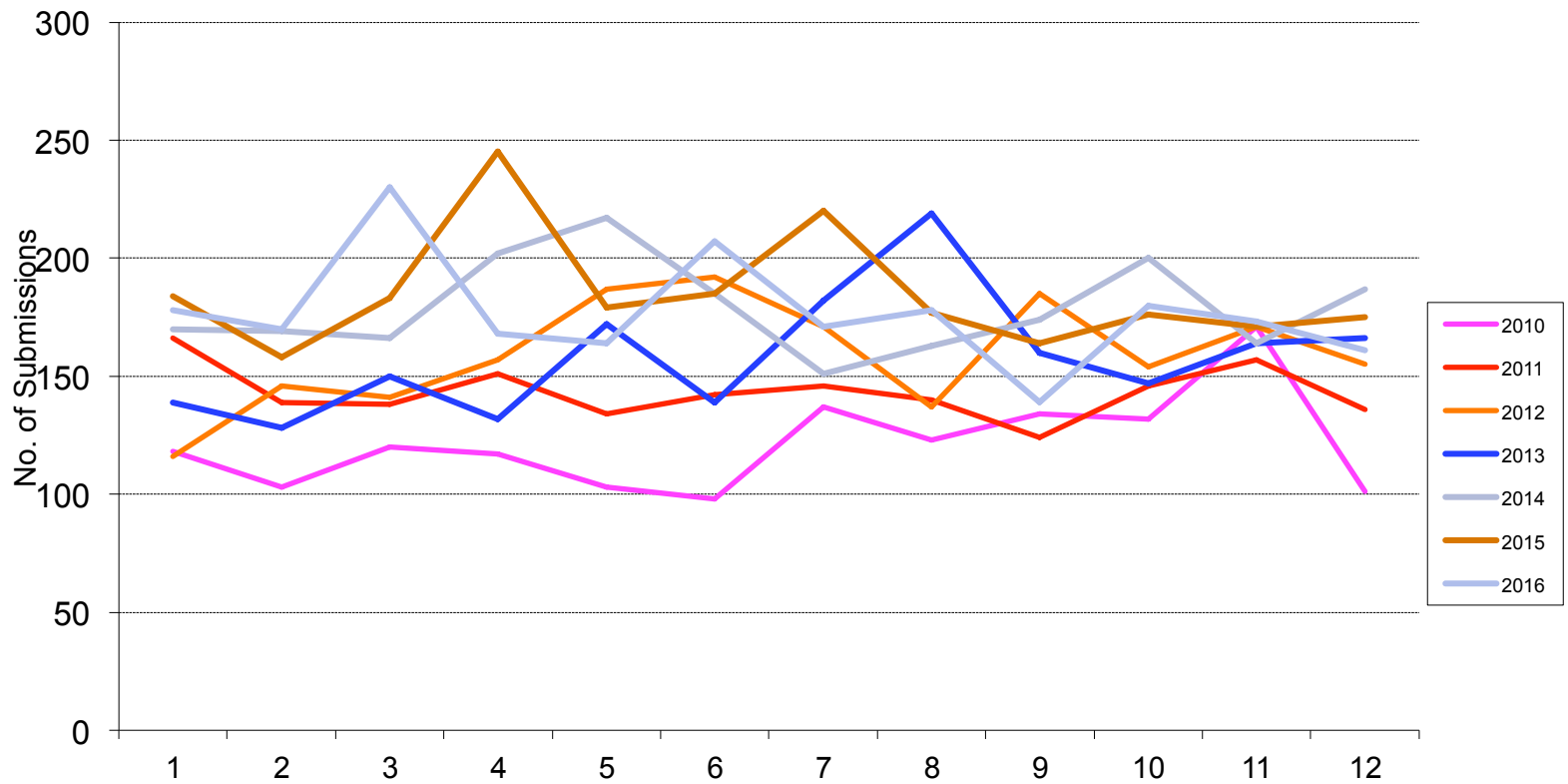
# Submission Trend (2009-2016)



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



# Submission Distribution (2010-2016)





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# Editorial Decision Statistics

(As of December 31, 2016)

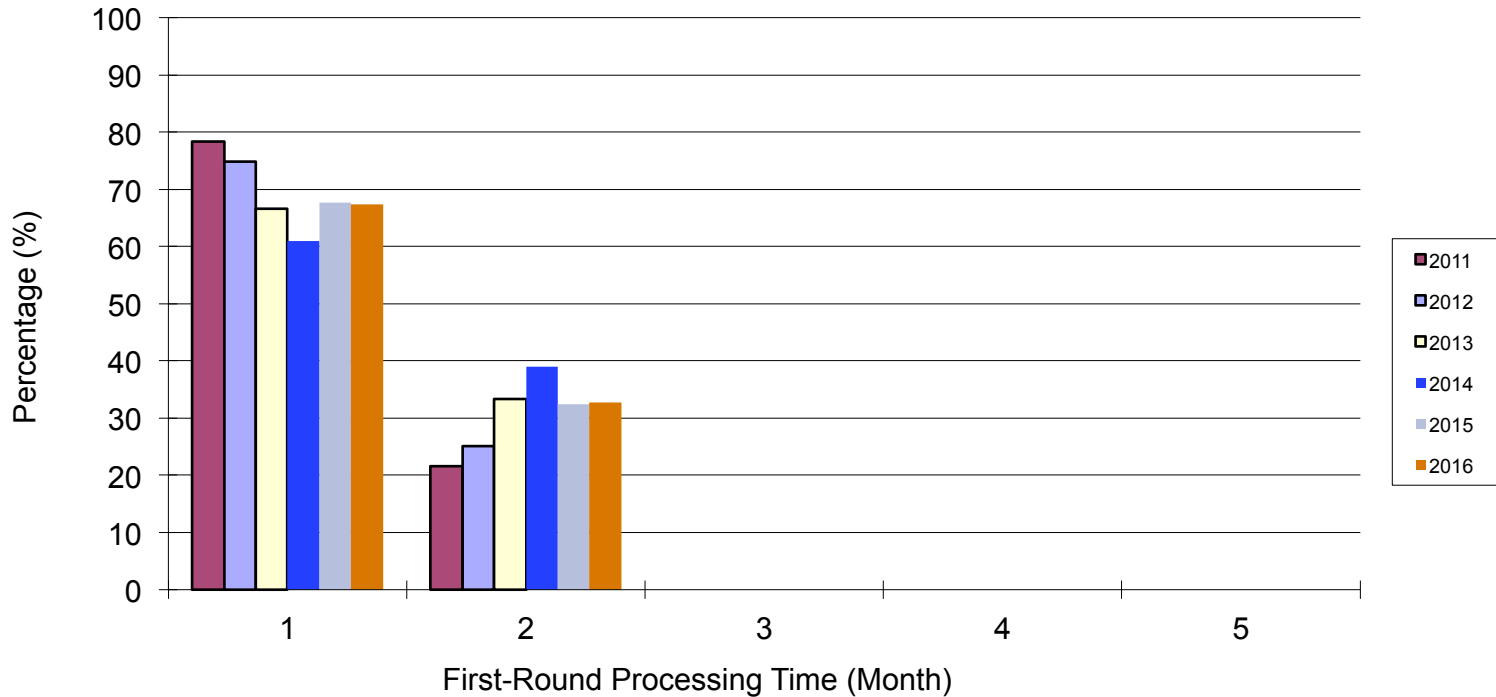
Year	2012	2013	2014	2015	2016
Accepted	551	583	738	734	262
Rejected	1313	1240	1278	1303	1115
Under process	0	0	0	72	663
Withdrawn	48	75	132	108	79
<b>Total No. of Submissions</b>	1912	1898	2148	2217	2119

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%
<b>Total No. of Submissions</b>	1912	1898	2148	2217	2119





# 2011-2016 1<sup>st</sup>-Round Processing Time



Year	2011	2012	2013	2014	2015	2016
Avg. 1 <sup>st</sup> -Round Processing Time (in Month)	2.25	2.38	2.57	2.80	2.60	2.45
S.d. 1 <sup>st</sup> -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 <sup>st</sup> -Round Processing Time (Month)	2.39	2.57	2.80	2.60	2.45
Avg. 2 <sup>nd</sup> -Round Processing Time (Month)	1.88	2.03	1.99	1.93	1.74
Avg. 3 <sup>rd</sup> -Round Processing Time (Month)	1.30	1.40	1.36	1.30	0.93
Avg. 4 <sup>th</sup> -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 <sup>st</sup> -Round Processing Time (Month)	1.29	1.42	1.73	1.54	1.68
S.D. 2 <sup>nd</sup> -Round Processing Time (Month)	0.97	1.15	1.28	0.92	0.84
S.D. 3 <sup>rd</sup> -Round Processing Time (Month)	1.02	1.15	1.01	0.94	0.72
S.D. 4 <sup>th</sup> -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