

# Monthly Report

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**June 2, 2016**

Analysis of Journals

Task Planning

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# **Analysis of Journals**

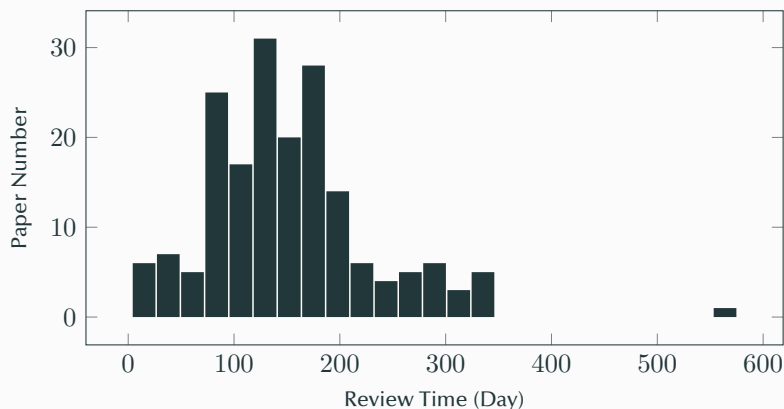
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**Proceedings of the IEEE** (ISSN: 0018-9219), established in 1909, is one the oldest journals of IEEE. This journal focuses on electrical engineering and computer science. The other information is shown in the following table.

Year	Impact Factor	Total Articles	Total Cites
2014/2015	4.934	102	21017
2013	5.466	154	20916
2012	6.911	195	18840
2011	6.810	118	16872
2010	5.096	139	16971
2009	4.878	129	17919
2008	4.613	122	17993

# Distribution of Review Time (182 Papers)

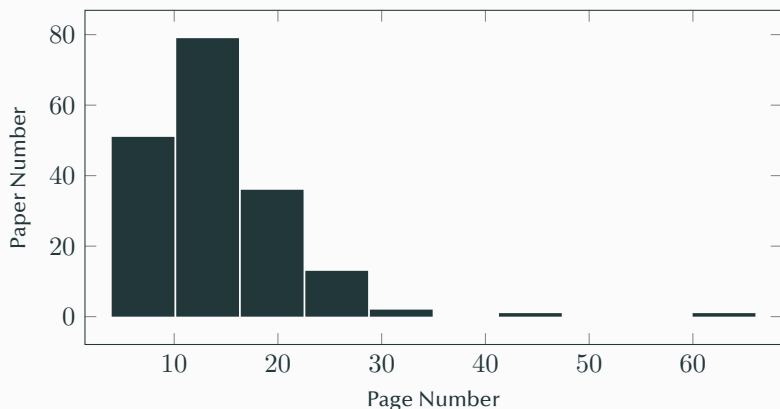
Journal: Proceedings of the IEEE.



Minimum: 15 Days, Average: 162.7923 Days, Maximum: 564 Days.

# Distribution of Page Number (182 Papers)

Journal: Proceedings of the IEEE.



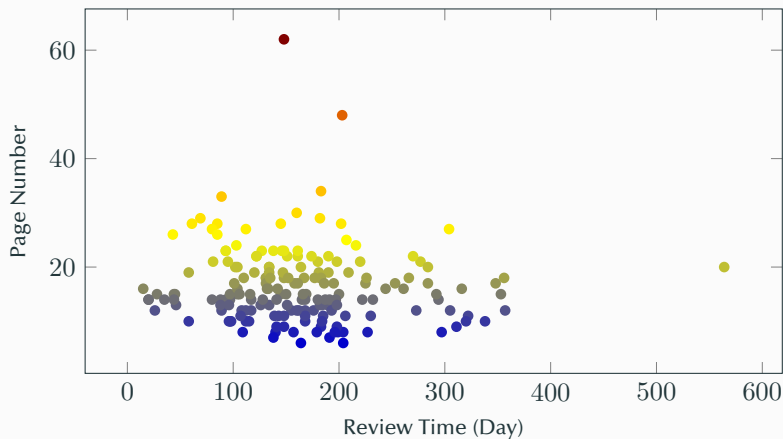
Minimum: 7,

Average: 17.4809,

Maximum: 63.

# Scatter of Review Time and Page Number (182 Papers)

Journal: Proceedings of the IEEE.



# Four Kinds of Papers

There are 4 kinds of papers in Proceedings of the IEEE:

- **Prolog:** this kind of papers are not conventional papers, because prolog even has no reference.
- **Scanning Our Past:** this kind of papers are not conventional papers, either. there is one, and only one scanning our past in each issue.
- **Invited Paper:** this kind of papers are commonly written by the domain experts who are invited by the editor of Proceedings of the IEEE.
- **Contributed Paper:** as the name implies, this kind of papers have great contributions. If we submit paper to Proceedings of the IEEE, our paper must be a contributed paper.



## Four Kinds of Papers

Type	Quantity	Proportion
Prolog	6	2.93%
Scanning our Past	17	8.30%
Invited Paper	164	80.00%
Contributed Paper	18	8.78%
Total	205	100%

We can see that 80.00% papers are invited papers, so posting a contributed paper is quite difficult.

# Contributed Paper List

These 18 contributed papers are shown as following table.

Number	Title	Comment
1	Resource Allocation for Statistical Estimation	Simulation
2	Reconfigurable Wireless Networks	Case Study
3	Engineering a Global Response to Infectious Diseases	Review Article
4	Radar Spectrum Engineering and Management: Technical and Regulatory Issues	Experiment
5	Additively Manufactured Nanotechnology and Origami-Enabled Flexible Microwave Electronics	Implementation
6	Spin-Based Computing: Device Concepts, Current Status, and a Case Study on a High-Performance Microprocessor	Case Study

# Contributed Paper List

These 18 contributed papers are shown as following table.

Number	Title	Comment
7	Software-Defined Networking: A Comprehensive Survey	Review Article
8	Transparent Semiconducting Oxide Technology for Touch Free Interactive Flexible Displays	Simulation
9	Smart Agents in Industrial Cyber-Physical Systems	Review Article
10	High-Speed Reconfigurable Circuits for Multirate Systems in SiGe HBT Technology	Experiment
11	Novel Polarization-Reconfigurable Converter Based on Multilayer Frequency-Selective Surfaces	Simulation
12	Aggregation and Charging Control of PHEVs in Smart Grid: A Cyber-Physical Perspective	Simulation

# Contributed Paper List

These 18 contributed papers are shown as following table.

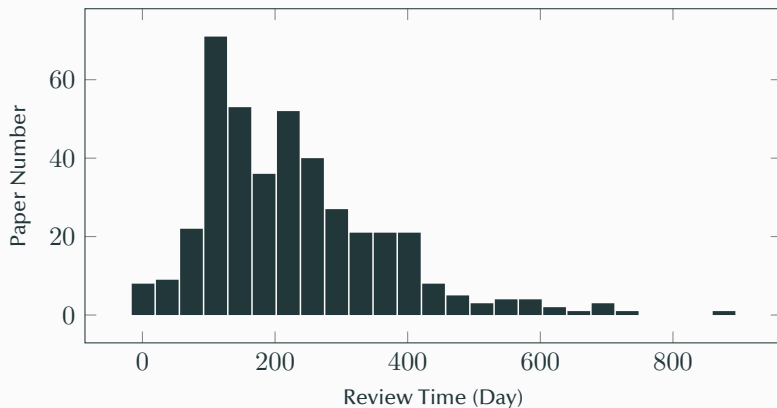
Number	Title	Comment
13	The Cybersecurity Landscape in Industrial Control Systems	Review Article
14	Key Issues With Printed Flexible Thin Film Transistors and Their Application in Disposable RF Sensors	Implementation
15	Reconfigurable Electromagnetics Through Metamaterials – A Review	Experiment
16	Microfluidic Stretchable Radio-Frequency Devices	Implementation
17	High-power wind energy conversion systems: State-of-the-art and emerging technologies	Review Article
18	Monolithic 3-D FPGAs	Implementation

**IEEE Transactions on Industrial Informatics** (ISSN: 1551-3203) focuses on knowledge-based factory automation as a means to enhance industrial fabrication and manufacturing processes. The other information is shown in the following table.

Year	Impact Factor	Total Articles	Total Cites
2014/2015	–	–	–
2013	8.785	231	2644
2012	3.381	92	969
2011	2.990	71	739
2010	1.627	63	328
2009	1.614	39	287
2008	2.356	28	227

# Distribution of Review Time (413 Papers)

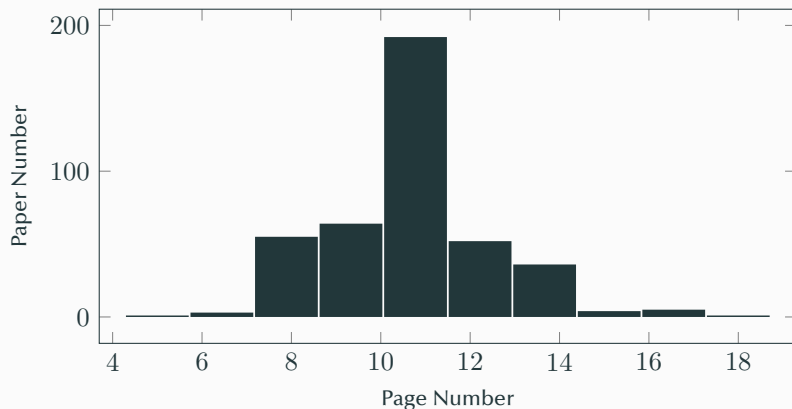
Journal: IEEE Transaction on Industrial Informatics.



Minimum: 1 Day,    Average: 245.3293 Days,    Maximum: 877 Days.

# Distribution of Page Number (413 Papers)

Journal: IEEE Transaction on Industrial Informatics.



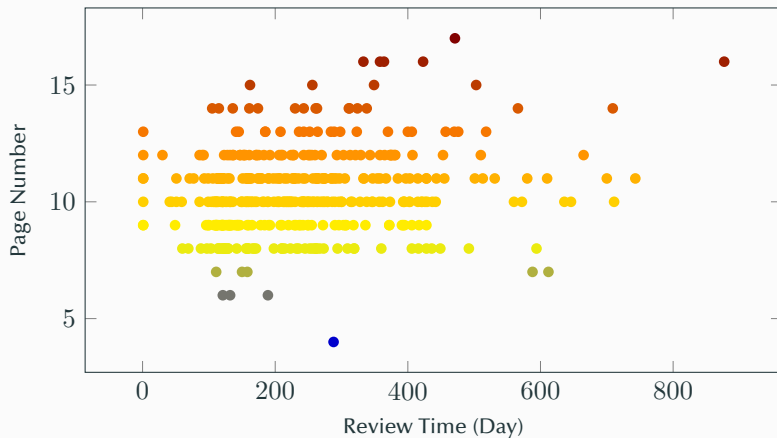
Minimum: 5,

Average: 11.4092,

Maximum: 18.

# Scatter of Review Time and Page Number (413 Papers)

Journal: IEEE Transaction on Industrial Informatics.



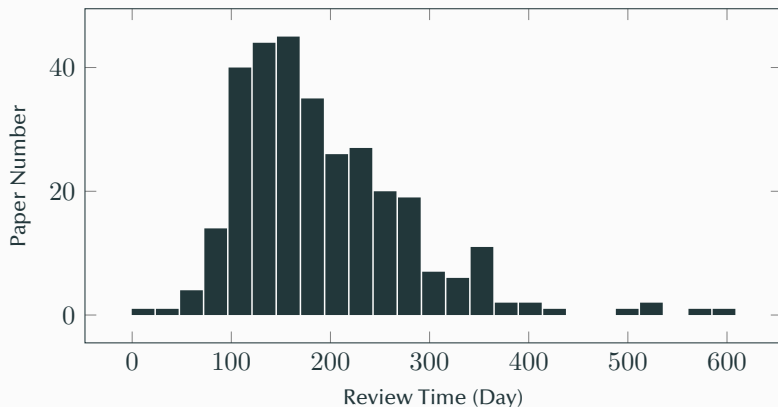


**IEEE Transactions on Industrial Electronics** (ISSN: 0278-0046) is published monthly. Its scope encompasses the applications of electronics, controls and communications, instrumentation and computational intelligence for the enhancement of industrial and manufacturing systems and processes. The other information is shown in the following table.

Year	Impact Factor	Total Articles	Total Cites
2014/2015	6.498	694	27141
2013	6.500	553	24432
2012	5.165	470	17404
2011	5.160	531	15474
2010	3.439	434	10294
2009	4.678	505	10306
2008	5.468	454	9014

# Distribution of Review Time (310 Papers)

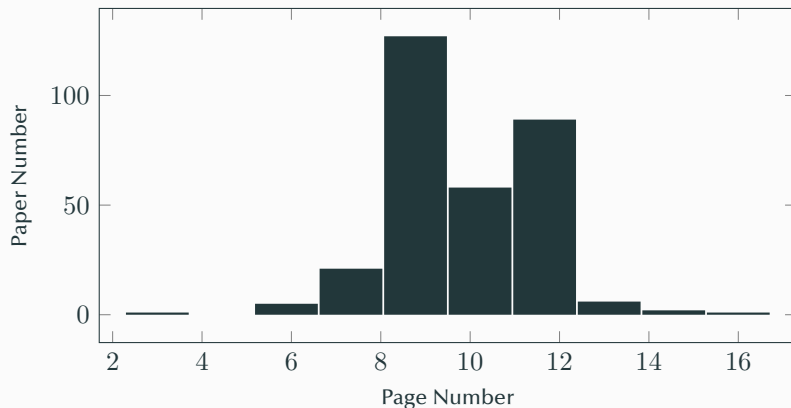
Journal: IEEE Transaction on Industrial Electronics.



Minimum: 11 Days, Average: 204.7581 Days, Maximum: 597 Days.

# Distribution of Page Number (310 Papers)

Journal: IEEE Transaction on Industrial Electronics.



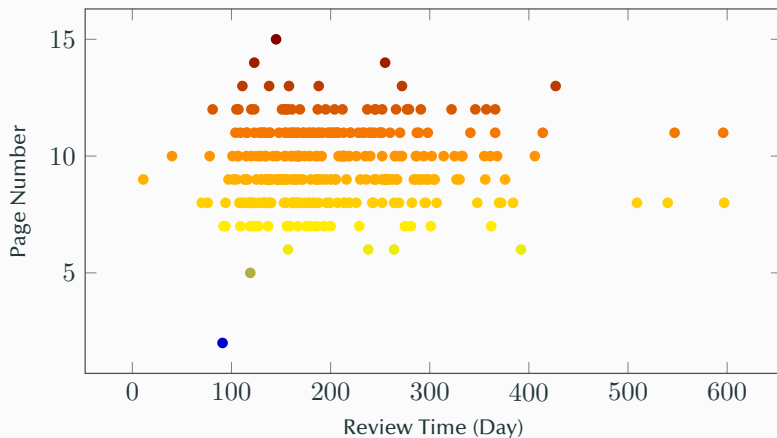
Minimum: 3,

Average: 10.5774,

Maximum: 16.

# Scatter of Review Time and Page Number (310 Papers)

Journal: IEEE Transaction on Industrial Electronics.

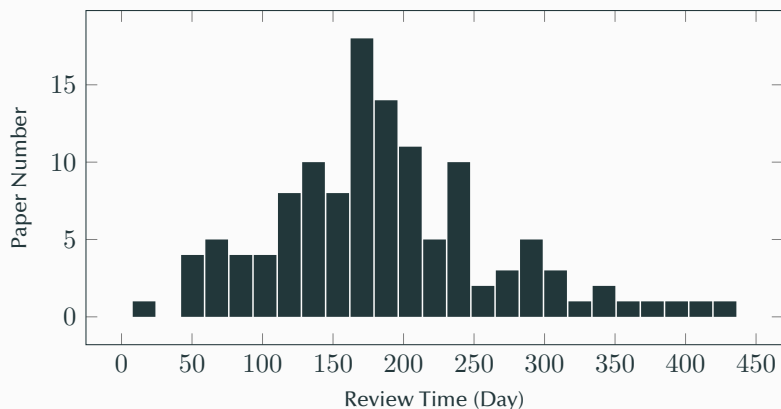


**IEEE Transactions on Information Forensics and Security** (ISSN: 1556-6013) covers the sciences, technologies, and applications relating to information forensics, information security, biometrics, surveillance and systems applications that incorporate these features. The other information is shown in the following table.

Year	Impact Factor	Total Articles	Total Cites
2014/2015	2.408	144	2376
2013	2.065	176	1598
2012	1.895	157	1134
2011	1.340	119	759
2010	1.725	81	682
2009	2.338	81	540
2008	2.230	68	265

# Distribution of Review Time (123 Papers)

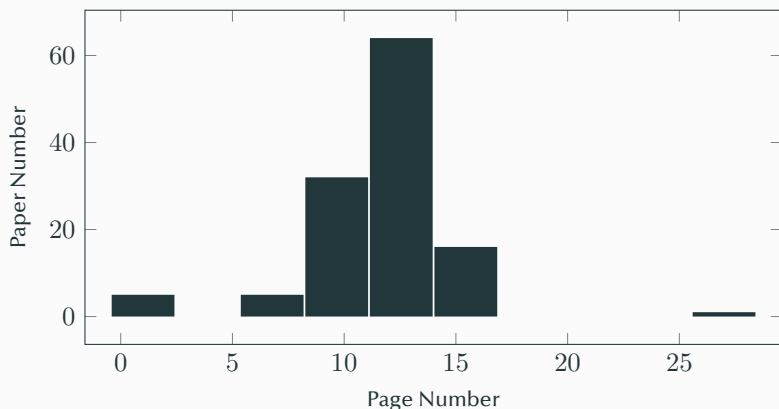
Journal: IEEE Transaction on Information Forensics and Security.



Minimum: 16 Days, Average: 196.0488 Days, Maximum: 428 Days.

# Distribution of Page Number (123 Papers)

Journal: IEEE Transaction on Information Forensics and Security.



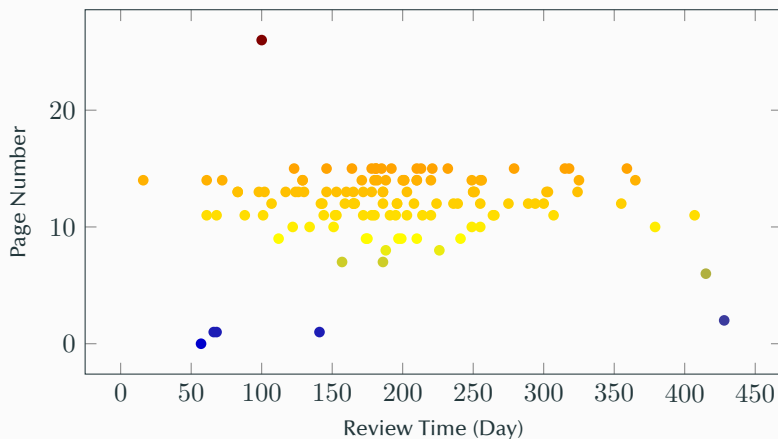
Minimum: 1,

Average: 12.9512,

Maximum: 27.

# Scatter of Review Time and Page Number (123 Papers)

Journal: IEEE Transaction on Information Forensics and Security.



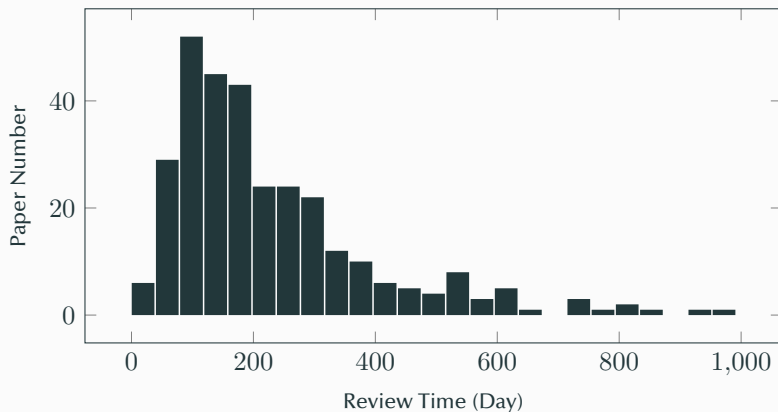


**Safety Science** (ISSN: 0925-7535) serves as an international medium for research in the science and technology of human safety. It extends from safety of people at work to other spheres, such as transport, leisure and home, as well as every other field of man is hazardous activities. The other information is shown in the following table.

Year	Impact Factor	Total Articles	Total Cites
2014/2015	1.831	230	3959
2013	1.672	221	3181
2012	1.359	246	2393
2011	1.402	159	1786
2010	1.637	175	1788
2009	1.220	153	1274
2008	0.836	114	921

# Distribution of Review Time (308 Papers)

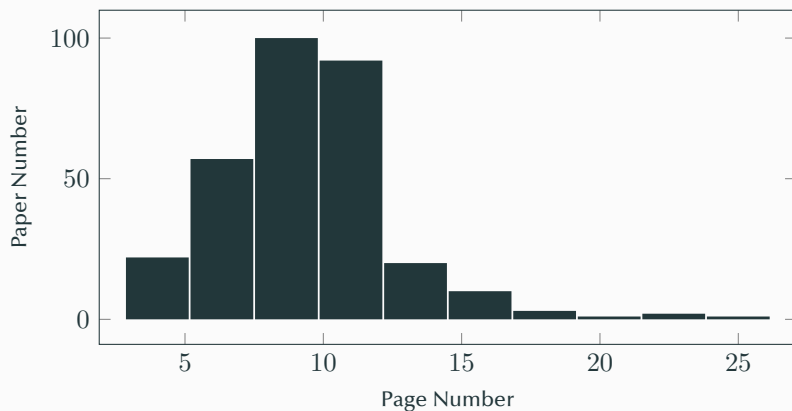
Journal: Safety Science.



Minimum: 19 Days, Average: 248.1364 Days, Maximum: 972 Days.

# Distribution of Page Number (308 Papers)

Journal: Safety Science.



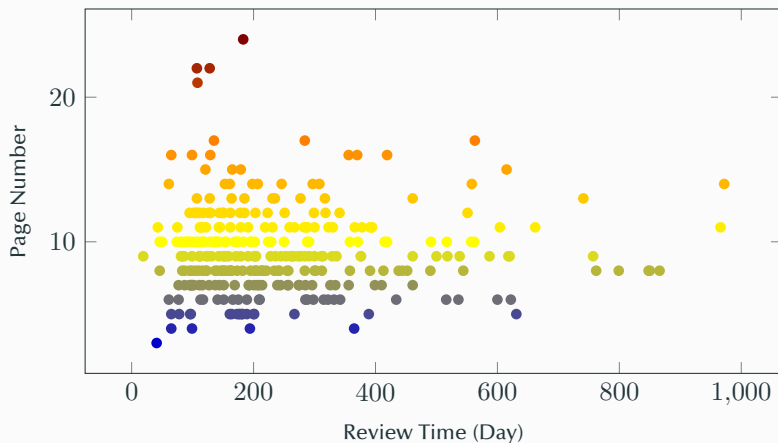
Minimum: 4,

Average: 10.3766,

Maximum: 25.

# Scatter of Review Time and Page Number (308 Papers)

Journal: Safety Science.

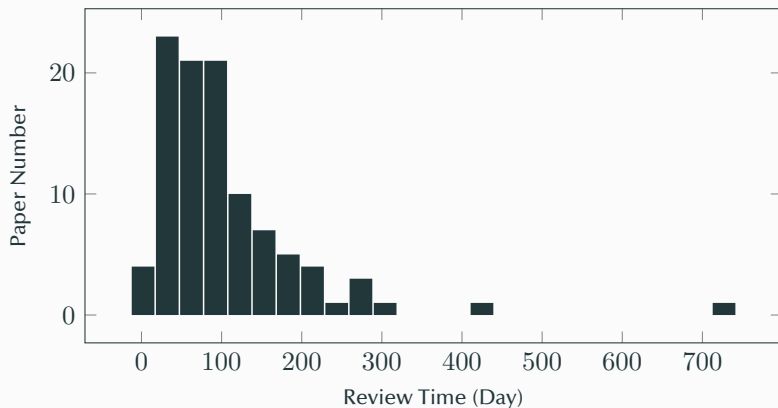


**Annual Reviews in Control** (ISSN: 1367-5788) covers the whole field of control and its applications. Most reviews are selected from the best reviews presented at meetings of IFAC, the International Federation of Automatic Control, re-written and broadened where necessary. The other information is shown in the following table.

Year	Impact Factor	Total Articles	Total Cites
2014/2015	2.518	20	957
2013	1.878	28	788
2012	1.289	28	662
2011	1.319	21	482
2010	1.884	24	410
2009	1.886	23	441
2008	1.109	20	365

# Distribution of Review Time (102 Papers)

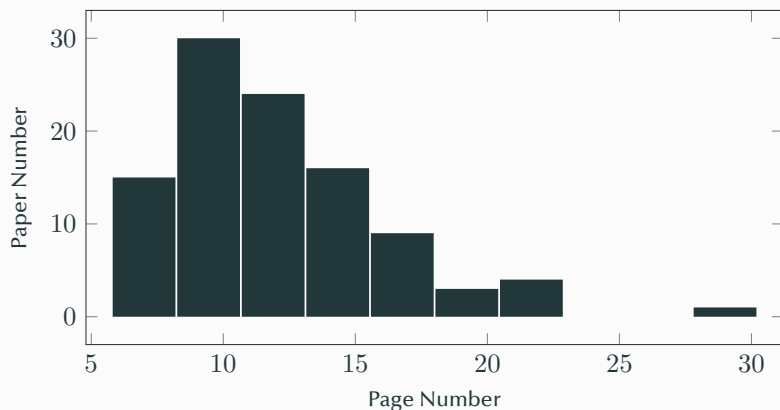
Journal: Annual Reviews in Control.



Minimum: 2 Days, Average: 120.4706 Days, Maximum: 727 Days.

# Distribution of Page Number (102 Papers)

Journal: Annual Reviews in Control.



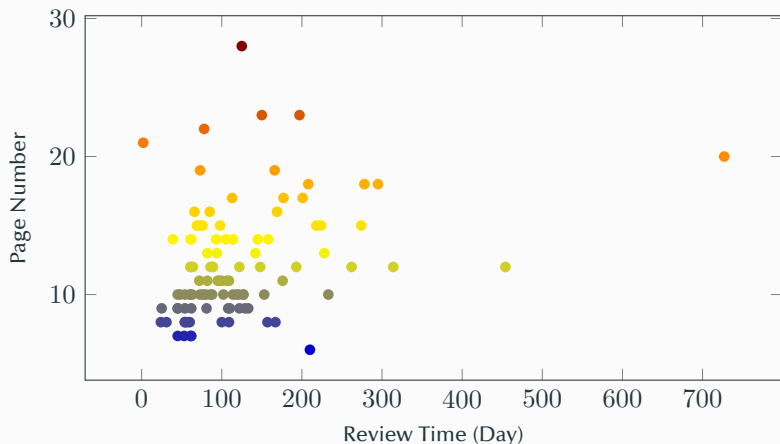
Minimum: 7,

Average: 13.2255,

Maximum: 29.

# Scatter of Review Time and Page Number (102 Papers)

Journal: Annual Reviews in Control.





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# **Task Planning**

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- Revise and resubmit the 3<sup>rd</sup> paper.
- Discuss the outline of the 4<sup>th</sup> paper.
- Finish the first two sections of the 4<sup>th</sup> paper.

