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Production Engineering Research and Development



Special Issue:
*Small Machine Tools for Small Workpieces –
Paradigm Change in Machine Tool Development*

Guest Editor:
Jens Peter Wulfsberg

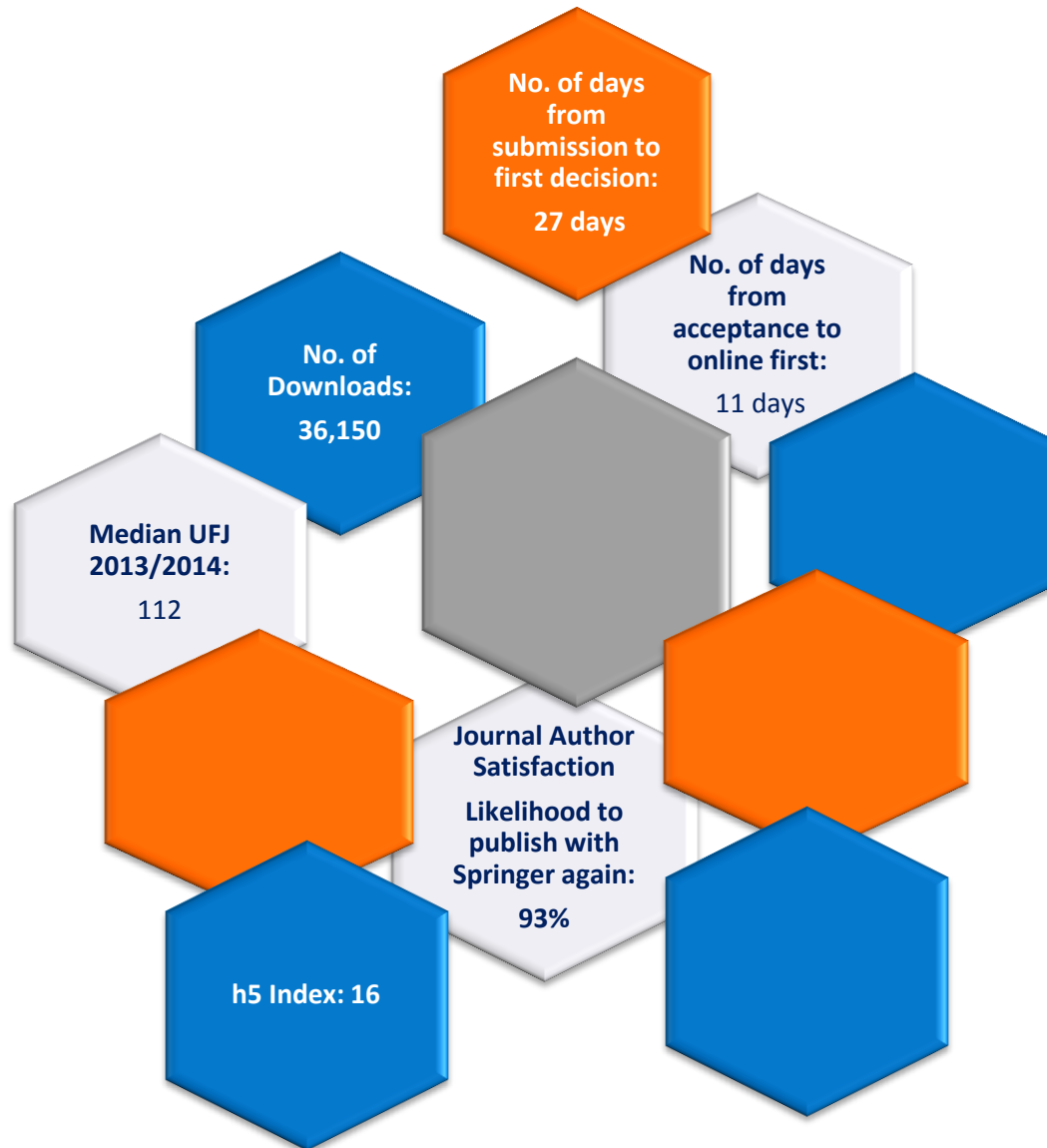


www.springer.com/11740

2014 Publisher's Report

Wissenschaftliche
Gesellschaft für
Produktionstechnik

Confidential



For further explanation on the **journal metrics**, - if applicable for your journal - see the respective chapters

Editorial:

- No. of days from submission to first decision

Production:

- No. of days from acceptance to Online First

Usage:

- No. of downloads
- Median UFJ/ Usage Factor for Journals
- h5 Index
- LinkOut Statistics

Impact:

- Impact Factor
- SJR
- SNIP

Marketing:

- No. of article mentions on Social Media platforms
- Journal Author Satisfaction, likelihood to publish with Springer again

During the peer review process, submitted manuscripts go through one or more revision stages leading up to acceptance or rejection.

The table below summarizes the activity for the journal office between January 1st and December 31st of each year. Only “*Original Submissions*” have been taken into account.

The rejection rate for 2014 is calculated as the number of rejected manuscripts in 2014 compared to the total number of decisions in 2014, which is defined here as the number of rejected manuscripts plus the number of accepted manuscripts.

1.1 Editorial Manager – Editorial Status Summary

Submissions	2012	2013	2014
Total Submitted	108	141	150
Total Decisioned	90	91	117
Accept	81	82	72
Reject	9	9	45
Acceptance Rate	90%	90%	62%
Rejection Rate	10%	10%	38%
Average Days to First Decision	29	24	27
Average Days to Final Disposition Accept	152	74	81
Average Days to Final Disposition Reject	104	56	20

Disclaimer: Please note that the term “Reject” is used for the calculation of the acceptance and rejection rates, which includes all terms that may exist for rejection decisions. For example: Reject before review; Reject after review; Reject, but resubmit; Reject, out of scope; and so forth. In addition: Only the papers for which the ‘Final Disposition Date’ has been set are taken into account.

Final disposition date means that a manuscript is fully completed.

1.2 Author Country of Origin of Manuscripts Submitted and Accepted

Country	Number of Manuscripts Submitted			Number of Manuscripts Accepted		
	2012	2013	2014	2012	2013	2014
GERMANY	58	80	84	67	71	63
BRAZIL	1	3	5			2
INDIA	16	23	21	1	2	2
CHINA	5	6	8	4	2	1
COLOMBIA		1				1
IRAN, ISLAMIC REPUBLIC OF	11	7	10	1		1
UNITED KINGDOM		4	4		2	1
UNITED STATES	2	2		1	2	1
ALGERIA	3		3	1		
CANADA		1	1		1	
FINLAND	1			1		
JAPAN		1		1	1	
MALAYSIA	2			2		
SWEDEN		1			1	
AUSTRALIA		1	1			
AZERBAIJAN			2			
CROATIA		1				
DENMARK	1					

*sorted by "number of manuscripts accepted 2014" from large to small

	2012	2013	2014	2012	2013	2014
EGYPT		3	1			
FRANCE		2				
GREECE	1					
IRAQ		1				
JORDAN		1	2			
NEW ZEALAND	2					
PAKISTAN	1					
PALESTINIAN TERRITORY, OCCUPIED			1			
PHILIPPINES			2			
RUSSIAN FEDERATION			1			
SAUDI ARABIA			1			
SERBIA AND MONTENEGRO		1				
SINGAPORE			1			
TAIWAN		2				
TUNISIA	1					
TURKEY	3					
UNITED ARAB EMIRATES			2			

Country	Number of Manuscripts Submitted			Number of Manuscripts Accepted		
	2012	2013	2014	2012	2013	2014
ITALY				1		
POLAND				1		
Total	108	141	150	81	82	72

Disclaimer: Please note that the number of manuscripts submitted and the number of manuscripts accepted is a summary of activities between January 1st and December 31st of each year. A manuscript may have been submitted in a certain year, but not accepted in that same year, e.g. is still in process.

1.3 Publishing Ethics

Journal Editors are central to publishing high-quality content. Journal Editors in cooperation with Editorial Board members and reviewers safeguard the quality and integrity of a journal.

In this process it is possible that ethical issues or misconduct could be encountered. Springer strongly recommends journal editors to join the Committee on Publication Ethics (COPE) (<http://publicationethics.org/>) and thereby adhere to the principles of COPE, committing to investigate allegations of misconduct and to ensure the integrity of research.

Springer is participant of CrossCheck. CrossCheck is an initiative from CrossRef to help scholarly publishers verify the originality of submitted manuscripts. CrossCheck is two products, a database of scholarly publications (CrossCheck) and a web-based tool (iThenticate) to check an authored work against that database. Springer is offering this screening software to Journal Editors of Springer journals and Society & Publishing Partners journals.

Production Engineering

is a member of COPE



is using iThenticate software



1.4 Ethical Statements

In order to safeguard the quality of our journal publications, Springer is continuously developing and improving resources on publishing ethics. Springer has introduced and/or updated the following guidelines:

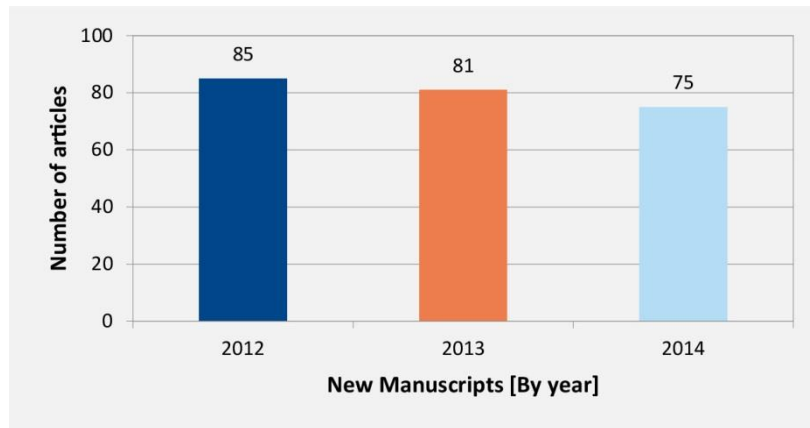
Ethical responsibilities of authors concerning integrity of the research they submit for potential publication. It focuses on accepted principles of ethical and professional conduct.

- Potential conflicts of interest
- Research involving human participants and/or animals
- Informed consent

Springer is currently incorporating these guidelines into the Instructions for Authors for each and every Springer journal dependent on the scope and requirements of the respective journal. For Society and Publishing Partners journals, these guidelines can be incorporated upon request.

2.1 Production Volume

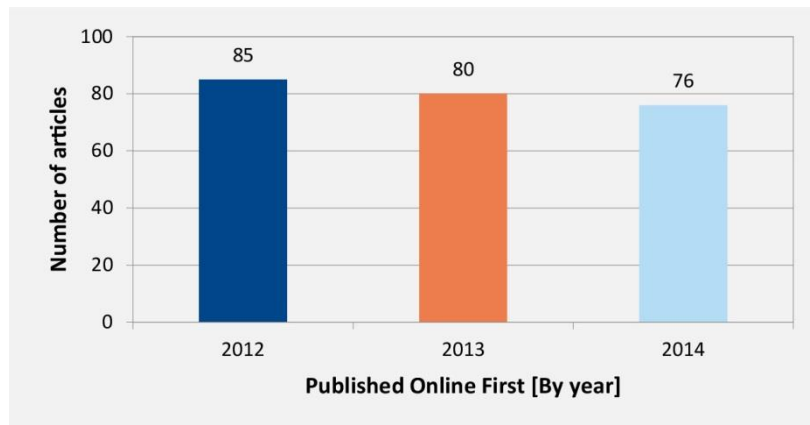
Manuscripts Accepted for Publication and Received by Springer



An overview of the number of manuscripts accepted for publication by the Editor-in-Chief and received by Springer is provided.

Manuscripts received by the Springer Journal Workflow system are defined as “manuscripts provided to Springer by the Editor-in-Chief of a journal as accepted for publication.”

Published Online First



Articles published via Springer’s Online First® service are:

- **Published electronically as individual articles:** These are final articles published online after an author has reviewed proofs and all corrections have been carried out. They are in citable form 2-3 weeks after acceptance and before distribution of the print journal. Metadata is sent to all relevant bibliographic services for inclusion in abstracting and indexing databases immediately after online publication.
- **Published on the SpringerLink platform in PDF format:** For publication of the printed version, only the final pagination and the citation line are added.
- **Fully citable by their DOI (Digital Object Identifier):** The official publication date is the online publication date, which is indicated on SpringerLink and in the printed version of the journal.

Publication of papers through Online First helps shorten the time between publication and citation.

2.1 Production Volume

Online Issues – 2014 Publication Schedule

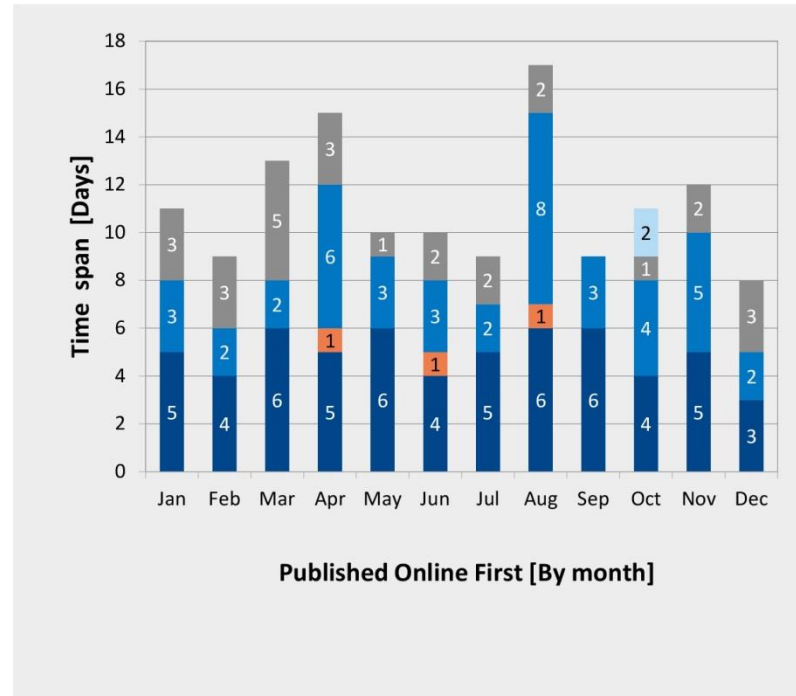
Volume / Issue	Special Issue Title	Planned			Actual		
		publication date	articles per issue	pages per issue	publication date	articles per issue	pages per issue
Volume 8 / Issues 1-2		27-02-2014	26	260	13-02-2014	26	252
Volume 8 / Issue 3		12-06-2014	13	130	11-05-2014	16	162
Volume 8 / Issue 4		12-08-2014	13	130	22-07-2014	14	136
Volume 8 / Issue 5		10-10-2014	13	130	15-10-2014	15	138
Volume 8 / Issue 6	Assembly, Handling and Industrial Robotics	03-12-2014	13	130	23-10-2014	11	94
Total			78	780		82	782

Online Issues – 2015 Publication Schedule

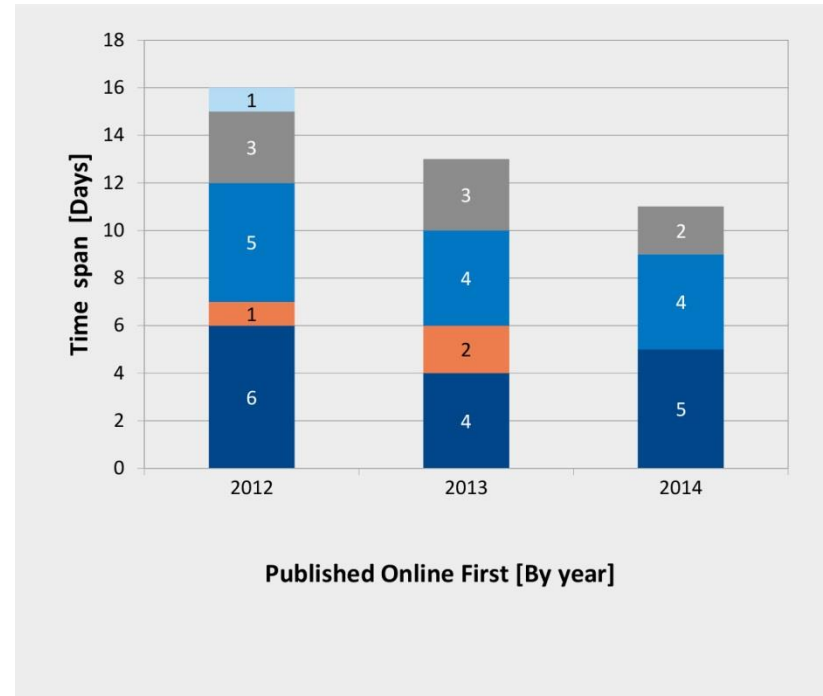
Volume / Issue	Planned			Actual		
	publication date	articles per issue	pages per issue	publication date	articles per issue	pages per issue
Volume 9 / Issue 1	17-02-2015	14	140	28-01-2015	16	148
Volume 9 / Issue 2	10-04-2015	14	140	07-03-2015	14	140
Volume 9 / Issue 3	12-06-2015	14	140			
Volume 9 / Issue 4	12-08-2015	14	140			
Volume 9 / Issue 5	09-10-2015	14	140			
Volume 9 / Issue 6	03-12-2015	14	140			
Total		84	840		30	288

2.2 Production Turnaround Time

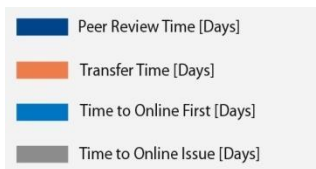
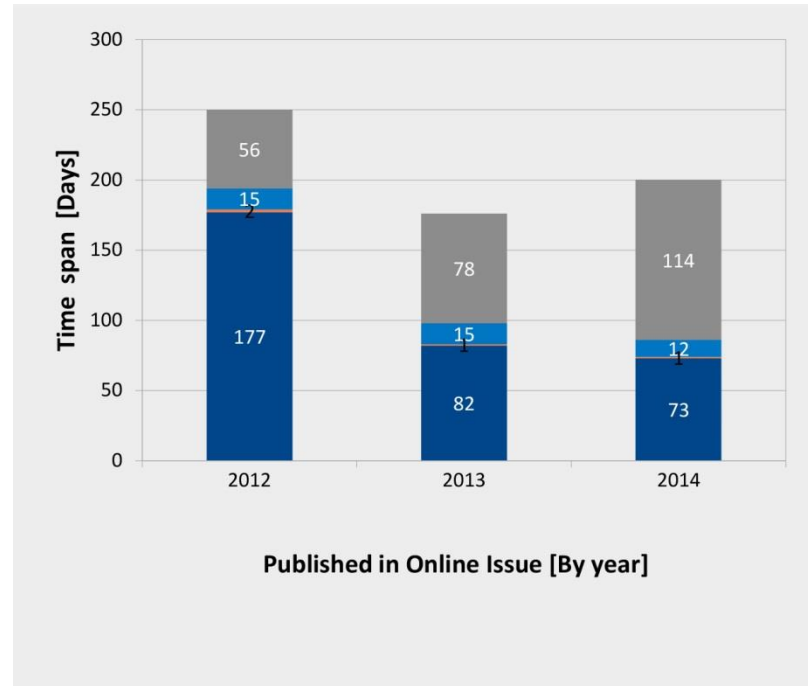
Average Time Between Receipt at Springer and Online First Publication (by month in 2014)



Average Time Between Receipt at Springer and Online First Publication (by year 2012 + 2013 + 2014)



Average Time Between Submission of a Manuscript and Publication in an Online Issue (by year 2012 + 2013 + 2014)



Disclaimer: For the time to production ('Received by Springer) the 'Final Disposition Date' is taken. There could be a time lag between the 'Final Decision Date' and the 'Final Disposition Date'.

The way in which scientific journals are purchased has changed significantly over the past few years. The traditional business model, in which journals (print publications) are subscribed to, is being increasingly replaced by individually negotiated agreements for online access, including consortia, multi-site licenses, and site licenses, all referred to as “online deals”.

For established journals we see a growing conversion from discrete* subscriptions to inclusion in online deals.

For newer journals subscription growth will result primarily via these online deals. Institutions will buy fewer print subscriptions and will license more and more content electronically. Overall, this will lead to wider exposure, as well as visibility and usage, of *Production Engineering*.

*Discrete subscriptions are subscriptions individually subscribed to at list price via our customer service centers.

3.1 Institutional Subscriptions

Region	Subscription Type				
	E-Only	Print plus free eAccess (current year)	Enhanced	Deeply Discounted Price (DDP)	Total 2014
Americas					0
Asia Pacific		2			2
EMEA*	2	3	1		6
Grand Total	2	5	1	0	8

*EMEA = Europe, Middle East and Africa

Springer offers three types of subscription models, which are clearly communicated to the market via the Springer pricelist published in August of the year preceding the subscription year concerned:

- **E-only:** Subscribers purchase electronic journal current articles at list price and receive free access to Contemporary Articles (1997 – current)
- **Print Plus Free Electronic:** Subscribers that purchase current print journals at list price are offered free electronic access to Current Articles
- **Enhanced:** Subscribers purchase current print journals at list price plus 20% and receive free access to Contemporary Articles (1997 – current)
- In addition **special online deals** can be negotiated, which may be electronic-only or print and electronic. In cases of electronic-only, the contract party may choose to also subscribe to selected titles in print against Deeply Discounted Prices (**DDP**).

3.2 Online Deals

	2013		2014	
Region	Number of Deals	Institutions with exposure via online deals	Number of Deals	Institutions with exposure via online deals
Americas	102	1,923	104	2,050
Asia Pacific	95	2,536	107	1,722
EMEA*	142	4,567	159	3,688
Grand Total **	339	9,026	370	7,460

The type of deal, as well as the type and number of “members” or “sites” participating in these deals, varies greatly. Also the way in which these members and sites are administrated in our contracts can vary considerably. For example in a consortium deal we count institutions as “members”, which in themselves may represent many locations/schools/libraries. Therefore the numbers given in the tables in this section should be viewed as an indication of distribution of the title through online deals.

The figures provided under “Institutions with exposure via online deals” refer to institutions that have exposure to the journal as part of an online deal with Springer (consortia, multi-site licenses, and site licenses). This does not mean that these institutions had fully paid institutional subscriptions and/or are paying the equivalent of the list price to obtain access to the journal under an online deal arrangement.

*EMEA = Europe, Middle East and Africa

**The Research4Life online access data are not included in the above table (see Appendix for more information)

4.1 Successful Full-Text Downloads

Fulltext Article Requests 2011-2014



Totals	
2011	38,489
2012	32,873
2013	38,155
2014	36,150

(Source: SpringerLink)

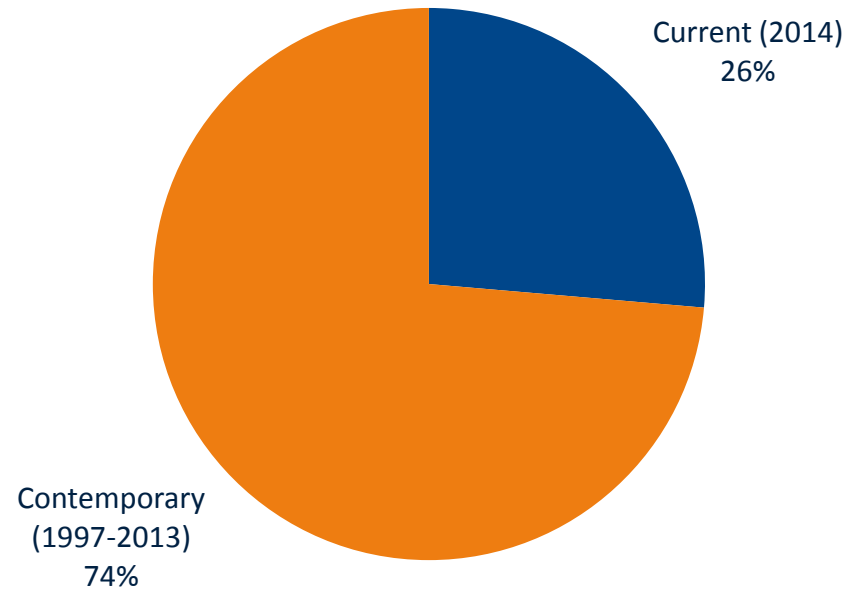
4.2 Top 10 Article Downloads

Title	AUTHOR	Volume	Issue	Year	Article Downloads 2014
Investigations On Residual Stresses And Deformations In Selective Laser Melting	GREGOR BRANNER	4	1	2010	597
A Method To Generate Energy Value-Streams In Production And logistics in respect of time- and energy-consumption	TIMO STOCK	8	1-2	2014	512
Modelling And Simulation Of Electron Beam Melting	S. LUTZMANN	4	1	2010	422
Analysis Of The Machining Accuracy When Dry Turning Via Experiments And Finite Element Simulations	MARCO ZIMMERMANN	8	1-2	2014	384
Quality Driven Distribution Of Intelligent Containers In Cold Chain Logistics Networks	MICHAEL L TJEN	7	2-3	2013	287
Estimating The Effect Of Cutting Parameters On Surface Finish And Power Consumption During High Speed Machining Of AISI 1045 steel using Taguchi design and ANOVA	ANIRBAN BHATTACHARYA	3	1	2009	270
The Preparation Of Cutting Edges Using A Marking Laser	M. ZIMMERMANN	5	1	2011	255
Lean Management In Indirect Business Areas: Modeling, Analysis, And Evaluation Of Waste	KAI MAGENHEIMER	8	1-2	2014	242
Size Effects In Micro Drilling Of Carbon Fiber Reinforced Plastic Composite	KARALI PATRA	8	3	2014	237
Method For Optimizing The Cooling Design Of Hot Stamping Tools	HEINZ STEINBEISS	1	2	2007	224

(Source: SpringerLink)

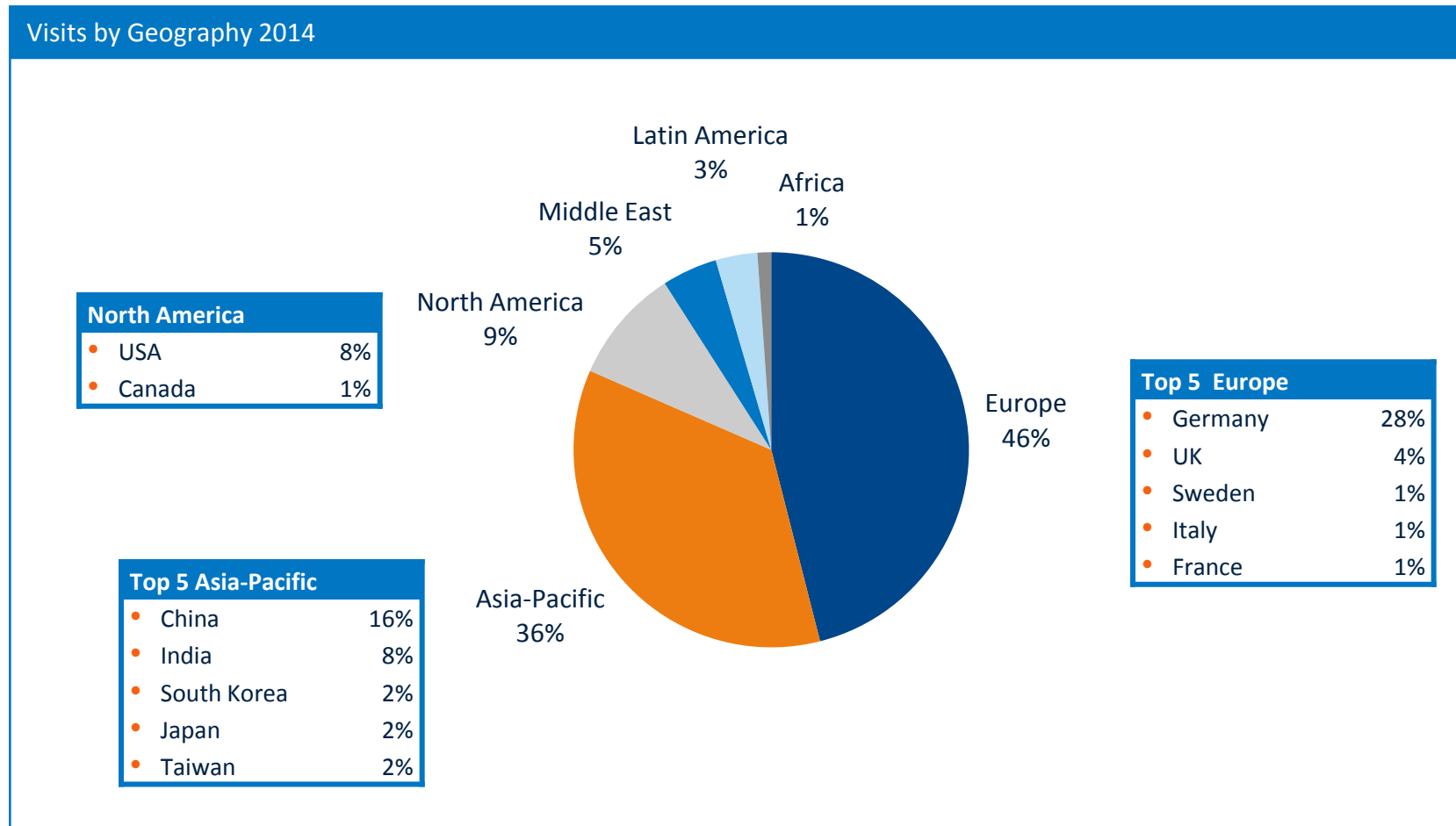
4.3 Downloads by Content Age

Full-Text Article Downloads by Content Age 2014



(Source: SpringerLink)

4.4 Visits by Geography



(Source: WebTrek)

4.5 Visitor Referral

Top 5	2014 (Jan to Dec)
	Percentage
Google	25%
Direct	25%
Google Scholar	19%
Springer.com	6%
d.scholar.cnki.net	1%
Other	24%

Direct traffic includes every visit for which no referrer information was passed on, such as bookmark traffic, typed URLs, and word-of-mouth initiated traffic such as links in e-mails or instant messaging programs

(Source: WebTrek)

4.6 UFJ – Usage Factor for Journals

The Springer Journal Usage Factor 2013/14 was calculated as suggested by the COUNTER Code of Practice for Usage Factors. It is the median value of the number of downloads in 2013/14 for all articles published online in that particular journal during the same time period. The Usage Factor calculation is based on COUNTER-compliant usage data on the SpringerLink platform. Excluded are download numbers from third-party websites, such as aggregators (e.g. EBSCO or ProQuest) or central repositories (e.g. PubMed Central).

Median UFJ
2013/2014

112

5.1 Coverage in Abstracting & Indexing (A&I) Services

Production Engineering is currently covered by the following (A&I) services:

SCOPUS, INSPEC, Google Scholar, Academic OneFile, DBLP, EI-Compendex, OCLC, SCImago, Summon by ProQuest

5.2 Google Scholar: h5 Index

Google has produced another tool for researchers. h5 gives information on journals rather than articles. This metric is based on the articles published by a journal over the previous 5 calendar years with a minimum of 100 articles in this period. If a journal publishes 100 articles sooner, an h5 Index can be calculated earlier. h is the largest number of articles that have each been cited h times. The h5 Index therefore cannot be dominated by one or several highly cited articles.

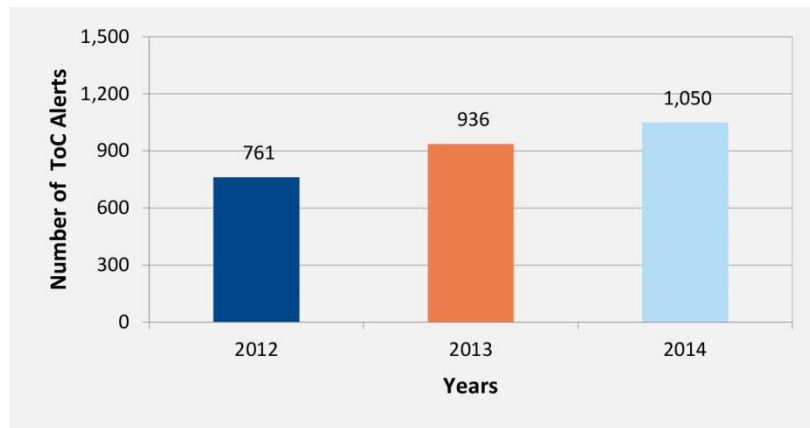
The **h5 Index** for *Production Engineering*:

2013
14

2014
16

6.3 Table of Contents (ToC) Alerts

- The ToC Alerts inform readers when a new issue is available online. Customers can easily register for this free service on the journal's homepage. The email contains direct links to the articles and if the registered ToC Alerts subscribers have access through their institutions, they can link directly to the papers. Nonsubscribers to the journal have access to the abstract and may purchase individual articles.
- In 2014, Springer sent out a total of 17,383,134 ToC Alerts to over 1,258,715 subscribers.
- Readers can easily sign up for the ToC Alerts, by using the *One-click Sign-up*: your exclusive link: <http://springer.com/tocsubscription/11740>
Copy and paste your exclusive link to your website, newsletters and social media accounts.



Year	No. of Alerts
2012	761
2013	936
2014	1,050

6.4 Journal Author Satisfaction

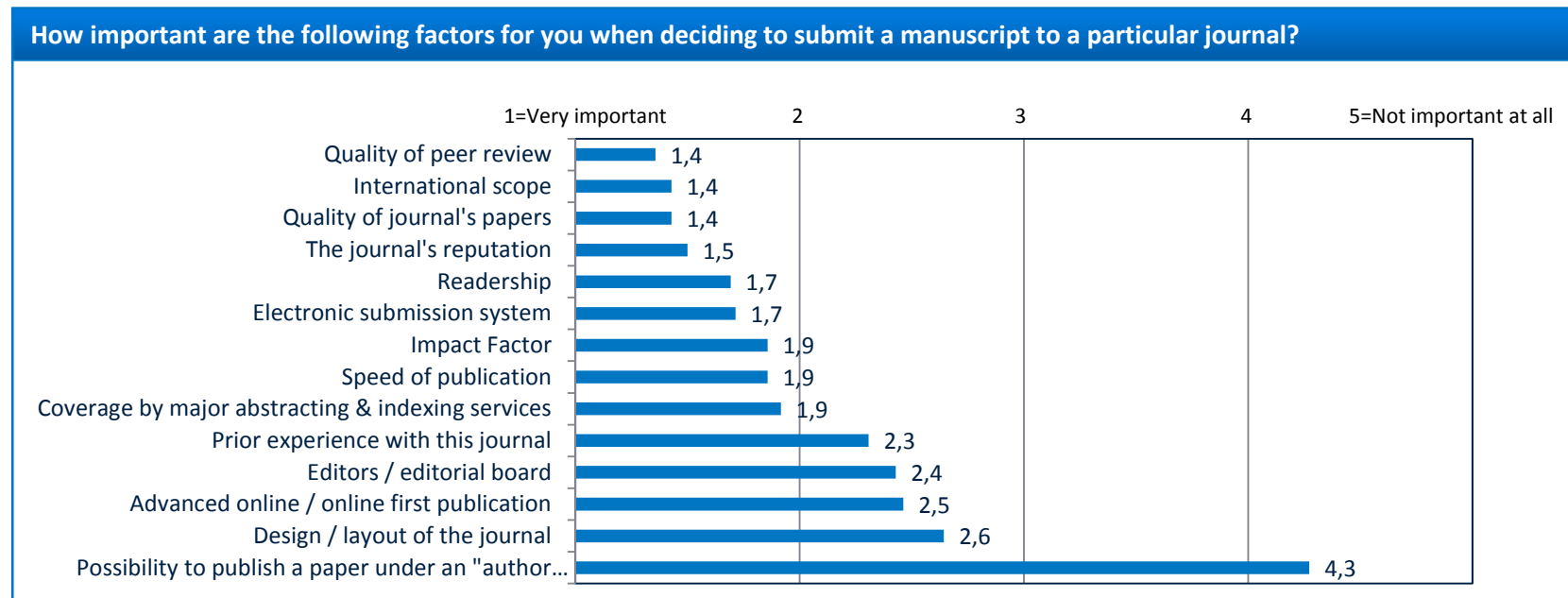
Author Satisfaction Survey

The program was set up to optimize the journal publishing process from the authors' perspective. In addition, the author relationship and their loyalty with Springer journals should be further developed.

About 1,440 journals participate in the program, which started in December 2008. 85,800 authors have responded to the online questionnaire until 31st December, 2014.

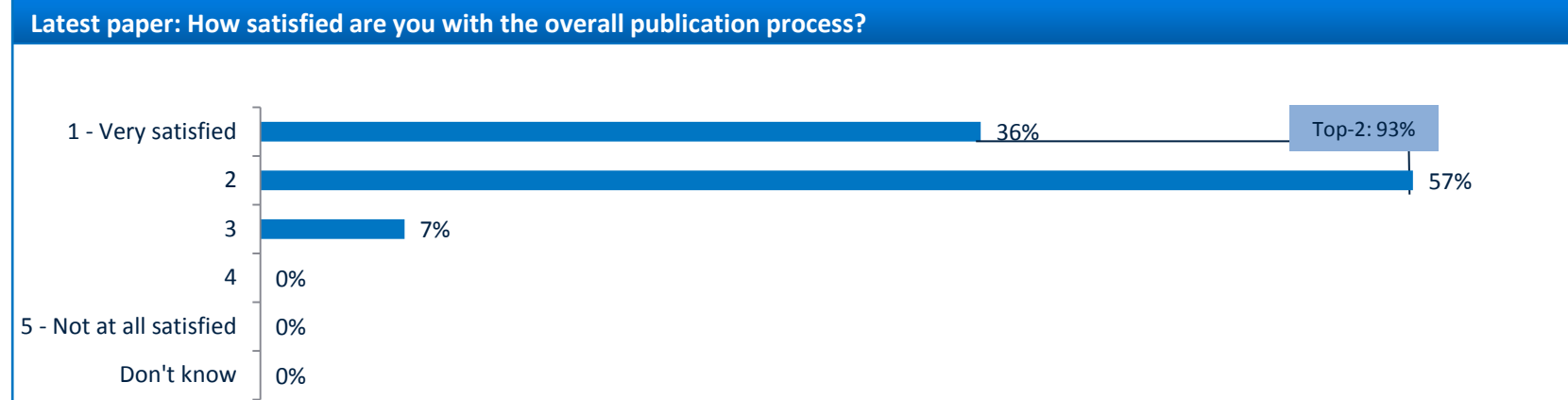
An online reporting tool was implemented to analyze the results of this survey on a journal-by-journal base.

Importance of factors for article submission



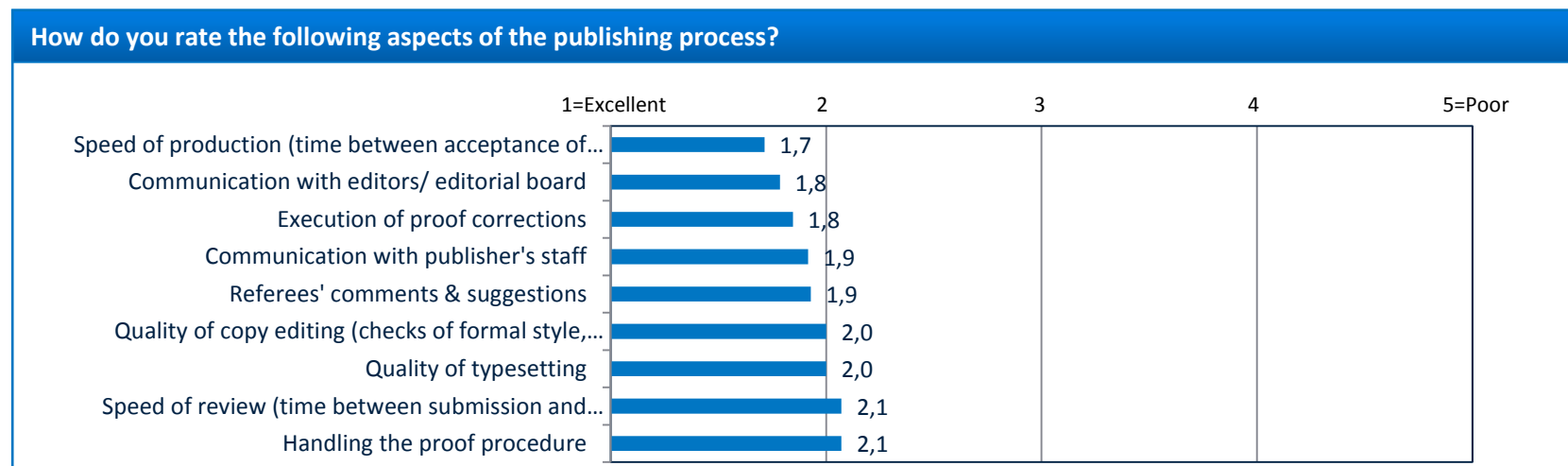
(N = 14 respondents, 5-point rating: 1=very important to 5=not important at all)
interviews held between January 1st, 2013 until December 31st, 2014

Overall satisfaction with publishing experience



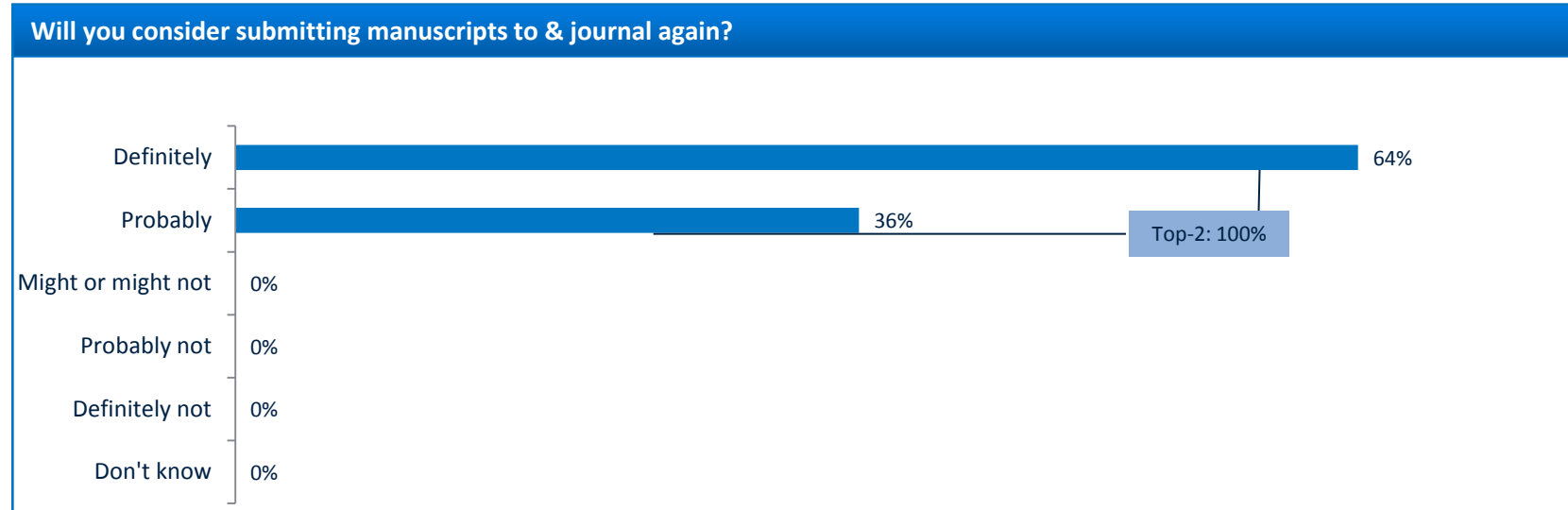
(N = 14 respondents, 5-point rating: 1=very satisfied to 5=not at all satisfied)
interviews held between January 1st, 2013 until December 31st, 2014

Aspects of publication process



(N = 14 respondents, 5-point rating: 1=excellent to 5=poor)
interviews held between January 1st, 2013 until December 31st, 2014

Will you consider submitting manuscripts to *Production Engineering* journal again?



(N = 14 respondents, 5-point rating)
interviews held between January 1st, 2013 until December 31st, 2014

Silvia Schilgerius

Senior Editor

Tel: +43(1)3302415532

Silvia.Schilgerius@springer.com

Sigrid Roskopf

Editorial Assistant

Tel: +43(1)3302415523

Sigrid.Roskopf@springer.com