



“Impact Vizor”

vi·sor

/'vīzər/

- (1) A HighWire product to understand article performance
- (2) The first of a series of analytics “Vizors” from HighWire to deliver editorial and business insight to decision-makers
- (3) Available to publishers not hosted by HighWire

*Lorraine Ellery, Director Business Development
November 2015*

Impact Vizor: Data-driven Insight into Some of Publishing's Big Questions

- Rejected Articles
 - Who publishes my rejected articles?
 - Am I rejecting high-impact articles?
- Published Articles
 - Which articles are driving my impact up, or down?
 - Which types of articles are resonating?
 - Are this year's articles higher impact than last year's?
- Cohort Articles
 - What are the trending topics in my fields?
 - And who is publishing them?

Why Did We Build Impact Vizor?

How Does it Advance Understanding of Impact?

- Integration
 - You see impact ‘sliced and diced’ in categories that are meaningful for *your* publishing program
- In time
 - Measurements are accumulated rapidly and continuously
- Insight
 - Visual, point and click tools are accessible to people who need the information

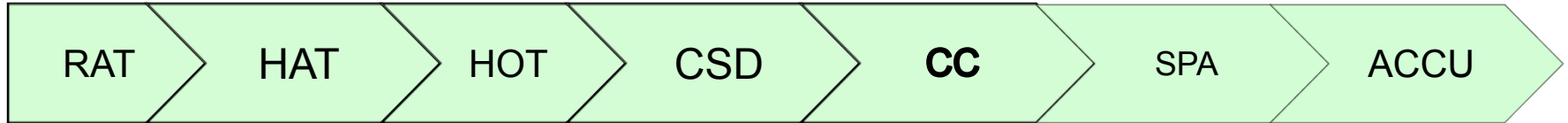
| Group By | | Measure By | | Color By | | | |
|-----------------------------|----------------|--------------------------|-------------|---------------|--------|--------|-------------|
| TOC Section | | Cites / Published Months | | TOC Section | | | |
| Journal | Article Volume | Article Issue | TOC Section | Collection | Editor | Custom | Open Access |
| Blood | (All) | (All) | (All) | (All) | Null | Null | No |
| Article Date of Publication | | | | Citation Date | | | |
| 1/6/2010 | | | | 8/6/2015 | | | |
| | | | | 1/21/1998 | | | |
| | | | | 6/10/2016 | | | |

Why Did We Build Impact Vizor?

What Use Cases Drive Impact Vizor Value?

- New journals under consideration
- New journals being started
- New editors coming in to existing journals
- New and revised policies and scope for journals
 - Add journal sections
 - Addition of journal sections, etc.
 - Spin off of journal sections into journals
- New and evolving disciplines
- Volatility in Impact Factor, change in direction of IF
- Desire for information in time to make decisions

Inside Impact Vizor



1. Rejected-Article Tracker (RAT) ← released
2. Hot-Article Tracker (HAT) ← released
3. Hot-Object Tracker (HOT) ← released
4. Citation Distribution Surveyor (CDS) ← released
5. Cohort Comparator (CC)** ← released
6. Section-Performance Analyzer (SPA) ← November
7. Advance Correlator of Citation & Usage (ACCU) ← December

in rollout

in development

in design

The
Rejected
Article
Tracker

*with thanks to Am Soc. Hematology for
allowing us to show data from Blood*

The
Published
Article
Trackers

*with thanks to Am Soc. Hematology for
allowing us to show data from Blood*

The Hot-Article Tracker: What Articles are “Trending” Now?

Measure By **Color By**

Journal **Article Volume** **Article Issue** **TOC Section** **Collection** **Editor** **Open Access** **Custom** **Article DOI**

Article Date of Publication **Citation Date**

Set one or more of the filters. This will update the chart shown below.

Hot Articles

| Article Brief | TOC Section | Collection | Cites / Month | Cites |
|-----------------------------------------------------------|-----------------------------------------------------------------------|------------------------|---------------|-------|
| Idelalisib, an inhibitor ... Brown, J. R. 3-10-2014 | Clinical Trials And Observations | Free Research Articles | 2.9 | 50 |
| Antibody-modified T cells... Maus, M. V. 2-27-2014 | Antibody Derivatives As New Therapeutics For Hematologic Malignancies | Free Research Articles | 2.7 | 48 |
| Clonal evolution and clin... Lundberg, P. 1-29-2014 | Myeloid Neoplasia | Free Research Articles | 1.3 | 24 |
| Idelalisib, a selective i... Flinn, I. W. 3-10-2014 | Clinical Trials And Observations | Free Research Articles | 1.4 | 24 |
| Current concepts in the d... Lee, D. W. 5-29-2014 | How I Treat | How I Treat | 1.5 | 23 |
| TET2 mutations predict re... Bejar, R. 9-15-2014 | Myeloid Neoplasia | Free Research Articles | 2.1 | 23 |

The Hot-Object Tracker:

What Group of Articles Accrues Citations Most Rapidly?

Group By: TOC Section
Measure By: Cites / Published Months
Color By: TOC Section

Journal: Blood
Article Volume: (All)
Article Issue: (All)
TOC Section: (All)
Collection: (All)
Editor: Null
Custom: Null
Open Access: No

Article Date of Publication: 1/6/2010
Citation Date: 8/6/2015, 1/21/1998, 6/10/2016

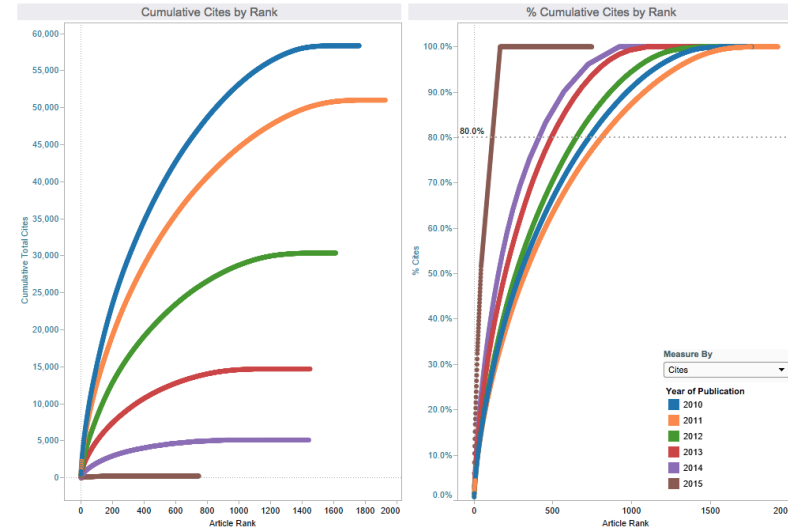
Set one or more of the filters. This will update the chart shown below.

Hot Objects

| Group By | Group Cites | Group Articles | Group Cites / Article | Group Cites / Published Months | Measure By |
|-----------------------------------------------------------------------|-------------|----------------|-----------------------|--------------------------------|------------|
| Antibody Derivatives As New Therapeutics For Hematologic Malignancies | 97 | 3 | 32.3 | 1.80 | |
| Cancer-Associated Thrombotic Disease | 159 | 5 | 31.8 | 1.28 | |
| Cme Article | 2,451 | 63 | 38.9 | 1.12 | |
| Blood Spotlight | 62 | 3 | 20.7 | 1.00 | |
| Perspectives | 3,854 | 105 | 36.7 | 0.98 | |
| Clinical Trials And Observations | 33,369 | 813 | 41.0 | 0.97 | |

The Citation Distribution Surveyor

- Do 30% of my articles account for 70% of my citations?
- How many of my articles are cited more than 20 times?
- How rapidly do my articles accrue citations?



default > Article Citation Inspector > Cites By Year

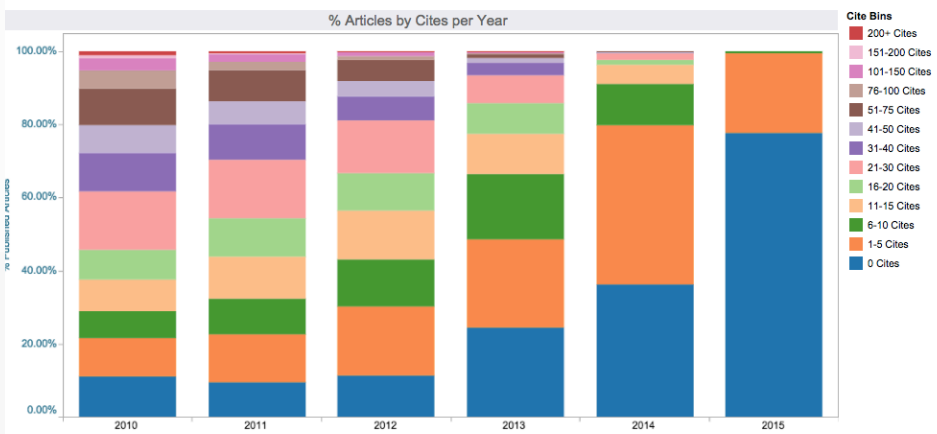
% Articles by Cites per Year

Measure By Parameter: Cites

Journal: Blood | Article Volume: (All) | Article Issue: (All) | TOC Section: (All) | Collection: (All) | Editor: Null | Custom: Null | Open Access: No

Article Date of Publication: 1/6/2010 | Citation Date: 8/6/2015 | 1/21/1998 | 6/10/2016

Set one or more of the filters. This will update the chart shown below.



Click on a bar to view the list of articles below.

default > Article Citation Inspector > Total Cites by Article Cites

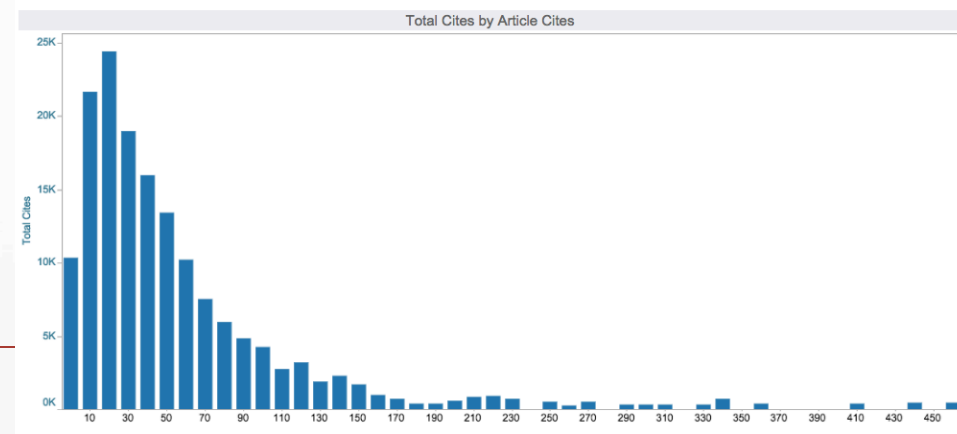
Total Cites by Article Cites

Color By: Journal

Journal: Blood | Article Volume: (All) | Article Issue: (All) | TOC Section: (All) | Collection: (All) | Editor: Null | Custom: Null | Open Access: No

Article Date of Publication: 1/6/2010 | Citation Date: 8/6/2015 | 1/21/1998 | 6/10/2016

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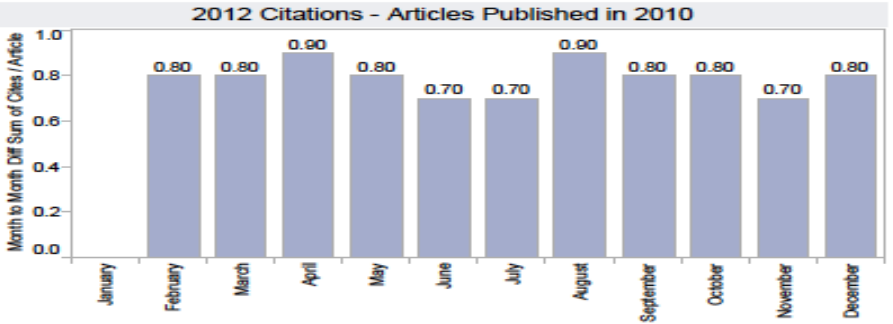
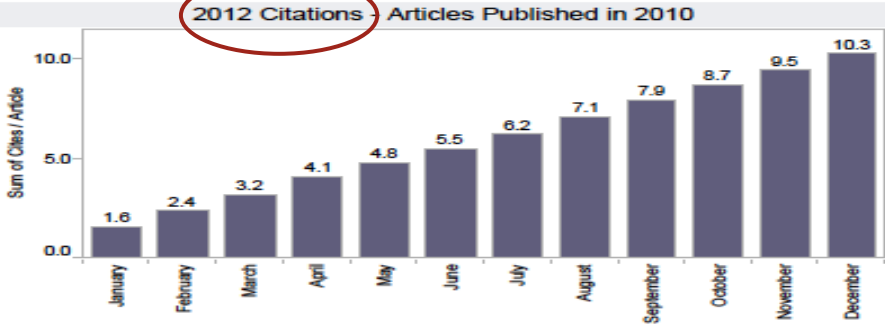
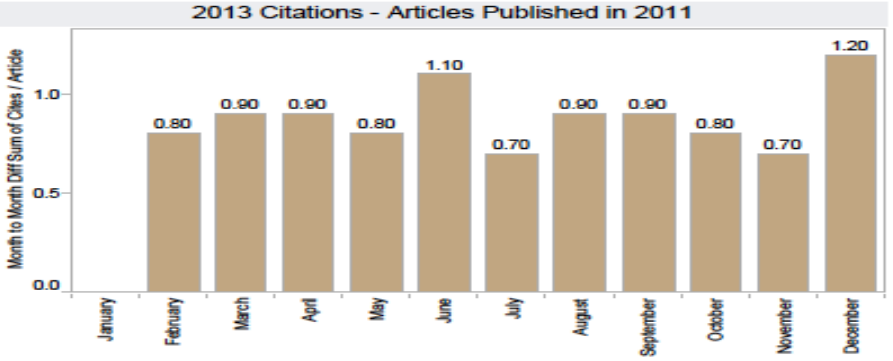
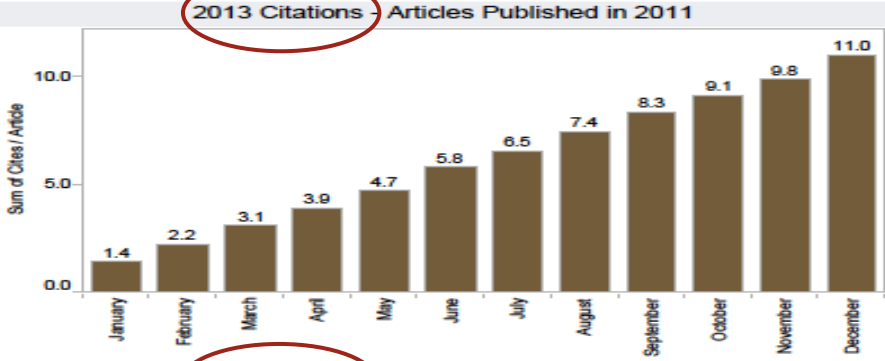
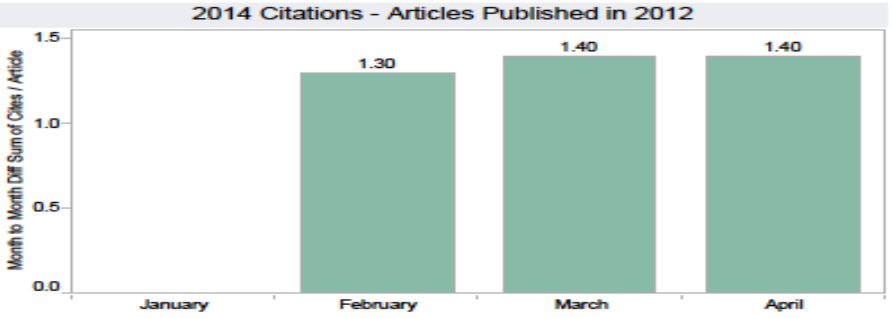
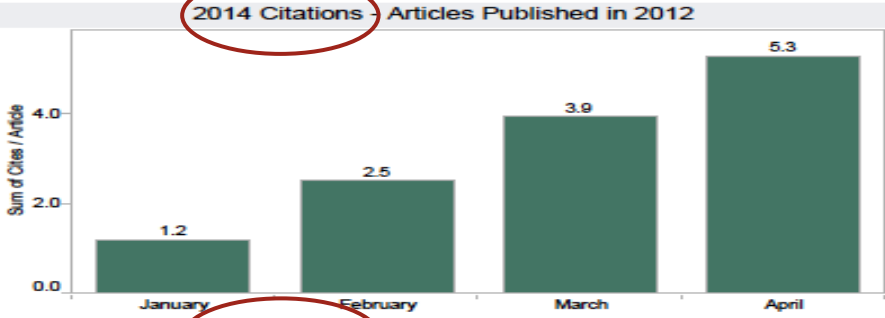


Click on a bar to view the list of articles below.

The Section-Performance Analyzer:







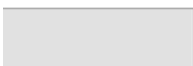

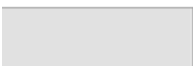



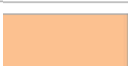

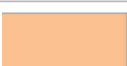
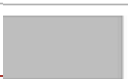

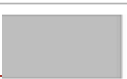
Are New Articles Cited More or Less than Previous Ones?

| 2012 Cites | | | | | 2013 Cites | | | | | 2014 Cites | | | | |
|---------------------|-----------------|-------|----------------|--------------------|---------------------|-----------------|-------|----------------|--------------------|---------------------|-----------------|-------|----------------|--------------------|
| Year of Publication | Cites / Article | Cites | Articles Cited | Articles Published | Year of Publication | Cites / Article | Cites | Articles Cited | Articles Published | Year of Publication | Cites / Article | Cites | Articles Cited | Articles Published |
| 2010 | 10.3 | 2,633 | 251 | 256 | 2011 | 11.0 | 3,494 | 310 | 318 | 2012 | 5.3 | 1,006 | 183 | 190 |
| 2011 | 8.0 | 2,557 | 310 | 318 | 2012 | 10.5 | 1,996 | 186 | 190 | 2013 | 3.5 | 220 | 54 | 62 |
| 2012 | 1.9 | 363 | 131 | 190 | 2013 | 2.8 | 172 | 46 | 62 | | | | | |



Viewing Multiple Measures of Impact: Correlating Citation and Usage Patterns What's Cited vs. Used vs. Discussed

- Impact comes in several dimensions
 - Citations (scientific 'resonance')
 - Usage (readership volume)
 - Social (community engagement)
- Look at all of these together (mockup)

| Group By | Group Cites | Group Articles | Group Cites / Article | Measure By | Measure By | Measure By |
|-----------------------------------------------------------------------|-------------|----------------|-----------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Antibody Derivatives As New Therapeutics For Hematologic Malignancies | 97 | 3 | 32.3 |  |  |  |
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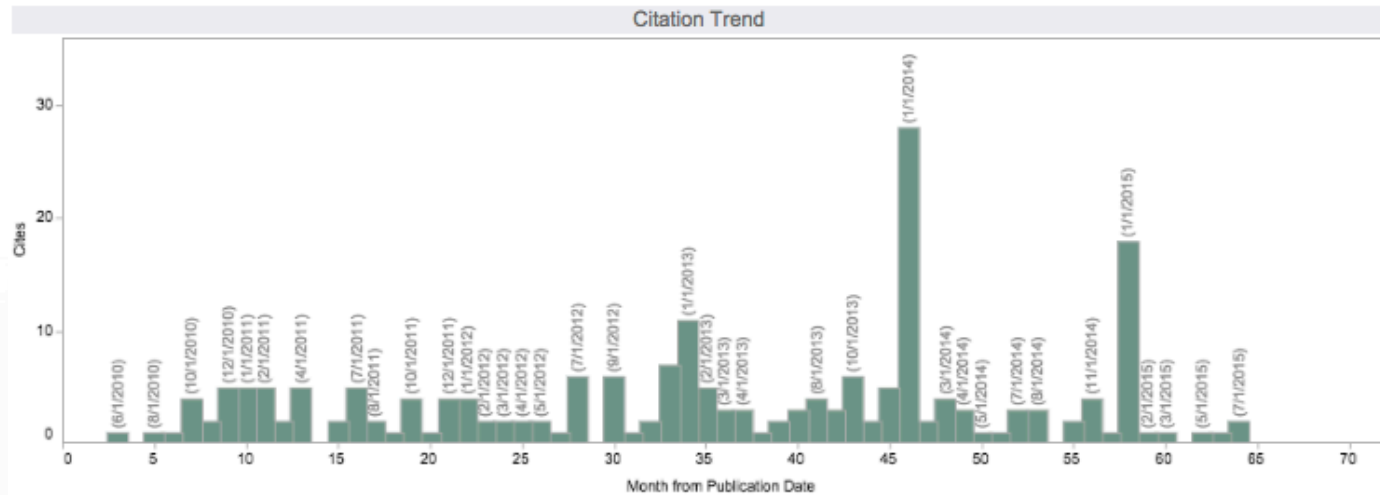
Article-Citation Inspector

Is this article continuing to be cited?

Which fields and journals are citing it?

Lets you evaluate an individual article's citation sources and citation longevity, as well as its contribution to overall impact

| Summary | | Total Cites | |
|-------------------------------------------------------------------|--|--------------------|------------|
| Ribosomopathies: human disorders of ribosome dysfunction | | 2010 | 14 |
| Naria,A.;Ebert,B. L.; | | 2011 | 36 |
| TOC Section: Review Article Collection: Free Research Articles | | 2012 | 35 |
| Blood 10.1182/blood-2009-10-178129 115 (16) | | 2013 | 48 |
| Date of Publication: 2010-03-01 00:00:00 | | 2014 | 52 |
| Open Access: No | | 2015 | 24 |
| | | Grand Total | 209 |



| Month from Publication Date | Citation Date | Citation Title | Citation Journal | Cites |
|-----------------------------|---------------|----------------------------------------------------------------------------------------------------------------|-------------------------------------|-------|
| 3 | 6/11/2010 | The AAA-ATPase Rea1 Drives Removal of Biogenesis Factors during Multiple Stages of 60S Ribosome Assembly | Molecular Cell | 1 |
| 5 | 8/15/2010 | The molecular pathogenesis of myelodysplastic syndromes | Cancer Biology and Therapy | 1 |
| 6 | 9/1/2010 | Diamond-Blackfan anemia, ribosome and erythropoiesis L'anémie de Blackfan-Diamond, ribosome et érythropoïèse | Transfusion Clinique et Biologique | 1 |
| 7 | 10/1/2010 | Myelodysplastic syndromes: An update on molecular pathology | Clinical and Translational Oncology | 1 |
| | 10/1/2010 | Molecular pathogenesis in Diamond-Blackfan anemia | International Journal of Hematology | 1 |
| | 10/1/2010 | The Nucleolus under Stress | Molecular Cell | 1 |

The 'Impact' of Understanding Impact

Publishers and editors will be able to...

- Know the **research merit of the articles** they accept and reject
- Know who is **accepting your rejected articles**, and citing them
- See whether **this year's articles are having more impact** than previous years' articles
- See which **articles, topics, and authors are getting research attention** most rapidly
- Identify **likely high-impact articles** before they are cited
- Know how a **discipline is shifting**
- Know all of this in a **timely** way

*Publishers and editors will have **evidence for taking action***



HighWire

"Impact Vizor has quickly become an invaluable tool enabling us to discover interesting trends. We are impressed with the speed and clarity of the insights available to our editorial team now."

Keith Gigliello, Digital Manager, Publishing,
American Society of Hematology

**Want to know even more?
lellery@highwire.org**