Artificial Intelligence in Scholarly Information
A guide to the current landscape

Olly Rickard | orickard@highwirepress.com
Hype?
Wait a minute, how?
Wardley maps

https://medium.com/wardleymaps/finding-a-path-cdb1249078c0
Wardley maps

https://medium.com/wardleymaps/finding-a-path-cdb1249078c0
Products & Partnerships
Wait a minute, why?
Researcher to Reader
Volume

Researcher to Reader
Researchers to Reader
Volume Speed Bias

Researcher to Reader
Researcher to Reader

Submission
Peer Review
Editorial
Discovery
Submission & Peer Review

https://unsilo.ai/unsilo-evaluate/
Submission & Peer Review

https://unsilo.ai/unsilo-evaluate/
<table>
<thead>
<tr>
<th>GROUP #1</th>
<th>FLT3 gene</th>
<th>Add Intersection</th>
<th>~7 papers/week</th>
</tr>
</thead>
<tbody>
<tr>
<td>GROUP #2</td>
<td>Hematopoietic Stem Cells</td>
<td>Blood</td>
<td>Add Intersection</td>
</tr>
<tr>
<td>GROUP #3</td>
<td>Metabolic Process, Cellular</td>
<td>Hematopoietic Stem Cells</td>
<td>~1 papers/week</td>
</tr>
<tr>
<td>GROUP #4</td>
<td>Metabolic Process, Cellular</td>
<td>FLT3 gene</td>
<td>Add Intersection</td>
</tr>
<tr>
<td>GROUP #5</td>
<td>Add Interest</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Your feed will receive around ~40 papers/week.

Learn more about adding intersections.
https://www.meta.org/
Discovery

https://www.accessinn.com/
Discovery

https://www.accessinn.com/

Volume
Cut through the clutter

Find peer-reviewed research from the world’s most trusted sources

Search 181,060,157 papers from all fields of science

Try:  Jill McCorkel  Aztec Empire  Tropics

Semantic Scholar is a free, nonprofit, academic search engine from AI2.

Great time to be leveraging these products
How can we evaluate the relative worth of each approach for a particular publisher?
Could we use AI to determine a Quality Factor?
Remember algorithms have feelings bias too
Thoughts...
Thoughts...
Thoughts...

- AI doesn’t replace humans, it deals with the huge scale and leaves the clever bit to us
Thank you

Olly Rickard | orickard@highwirepress.com