# Development of a journal recommendation tool

Based upon co-citation analysis of Wageningen UR output

Marco G.P. van Veller and Wouter Gerritsma <u>Wageningen UR Library</u>





#### Hybrid research organization

- Wageningen University and Research Organization
- Research institutes (10 at Wageningen UR)
- Chair groups (86 with sometimes more than 1 chair)
- Students (2013-2014): 4477 BSc, 4605 MSc, 85 premaster, ca. 1700 PhD
- Employees (2013): 2618 (university), 2525 (research institutes)



# Research departments



social sciences



agrotechnology and food sciences







plant sciences



animal sciences





environmental sciences

#### Journal recommendation

Classification in categories





#### Browse resources & recommendations

Wageningen UR Library collection of journals

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About

Home Lib	rary My Library Journals Search result Record nr. 62187		
Record number	62187		Now 1
Title	The new phytologist		= If hytologist =
	Show all parts in this series		
Years/volumes	Vol. 1(Jan. 1902)-	No.	
Publisher	Oxford : Blackwell Scientific Publications Ltd		
Publication year	1902-		
Notes	Omslagtitel: New phytologists: an international journal of plant sciences; 198 1999 met ondertitel: a British botanical journal	38-	Request this publicatio
ISSN	0028-646X		Request this publicatio
e-ISSN	1469-8137		Add to 'My Favourites'
Keyword(s)	botany / great britain		Export citation
Categories	Botany (General)		Add to 'My Tournal
Publication type	Journal		RSS feed
Language	English		hide recent articles
Availability	<u>DEPOT</u> ; STACKS; NN05473; Vol. 11(1912),17(1918)-22(1923),45(1946)-15	6	

#### Journal recommendation

- Classification in categories
- Sorting via importance, impact factor, impact per publication, SNIP, SJR



Record number 64036

1972-

Journal of environmental quality: a quarterly journal devoted to the Title

protection and improvement of environmental quality

American Society of Agronomy, Madison Author(s)

Vol. 1-Years/volumes

Madison: American Society of Agronomy **Publisher** 

Publication

year

Ook o.d.t.: JEQ: journal of environmental quality; Vanaf 2013 alleen Notes

verschenen in elektronische uitg.

0047-2425 TSSN

1537-2537 e-TSSN

ecology / waste disposal / waste water treatment / waste treatment / industrial Keyword(s)

wastes / agriculture / climatic change / pesticides / solid wastes / environment /

environmental protection / pollution / bioremediation / rehabilitation /

environmental management / environmental hygiene

**Environmental Protection** Categories

Publication type

Journal

English Language

Papers in JEO cover various aspects of anthropogenic impacts on the About

environment, including terrestrial, atmospheric, and aquatic systems. Emphasis is given to the understanding of underlying processes rather than to monitoring.

FORUM; STACKS; NN15420; Vol. 1(1972)-41(2012)Ontbreekt: Vol. 32 no. 2-4 **Availability** 

(2003)

INTERNET; ; Vol. 1(1972)-

602 times (2011-2013)

Cited by Wageningen UR staff

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#### Journal recommendation

- Classification in categories
- Sorting via importance, impact factor, impact per publication, SNIP, SJR
- Similar journals





#### Global Search

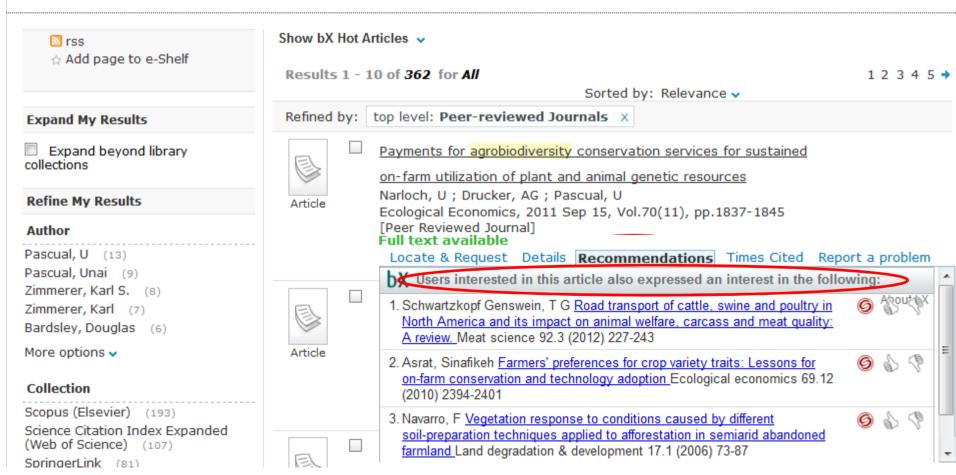
Global Search about Global Search Search tips

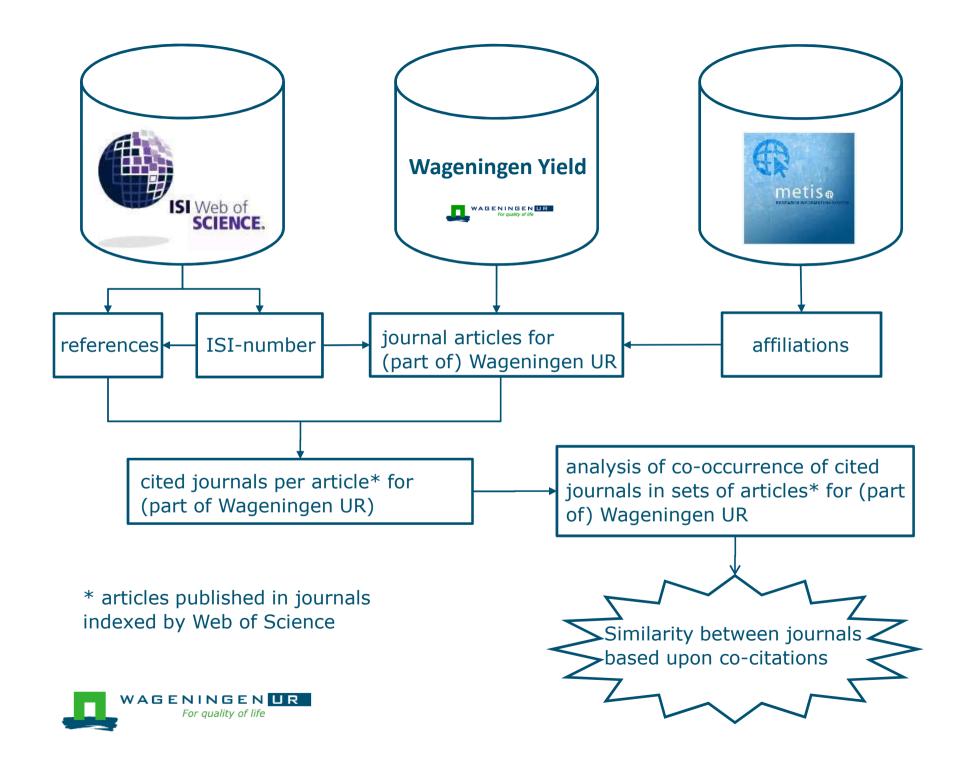
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Guest My e-Shelf My Settings Sign in

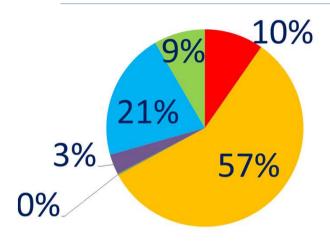
agrobiodiversity Search

Advanced Search





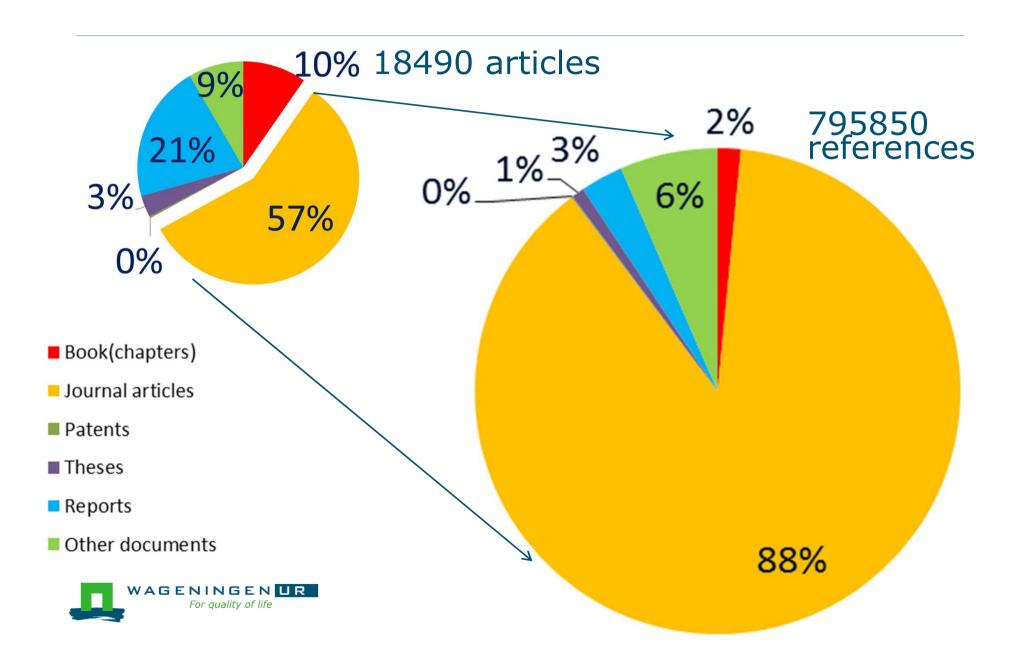
#### Publications and references 2006-2013



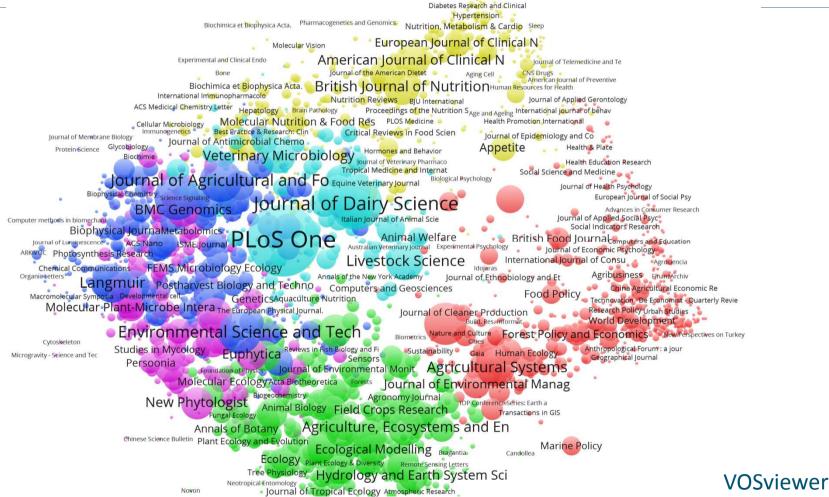
- Book(chapters)
- Journal articles
- Patents
- Theses
- Reports
- Other documents



#### Publications and references 2006-2013

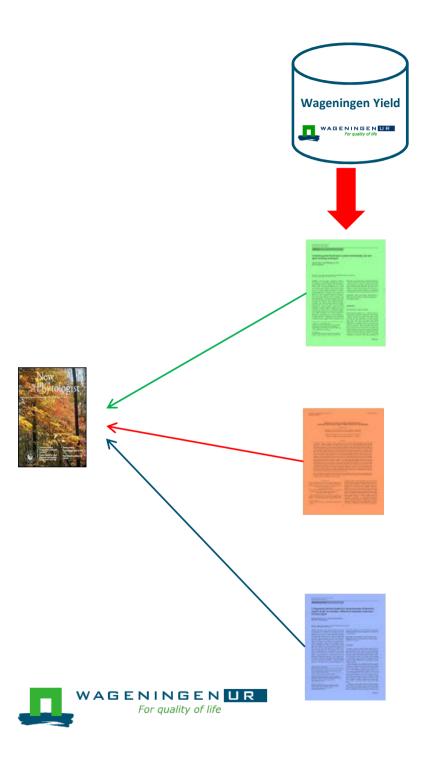


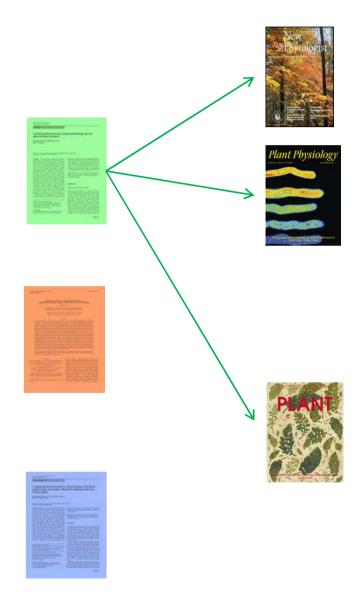
# Network for journals with Wageningen UR publications



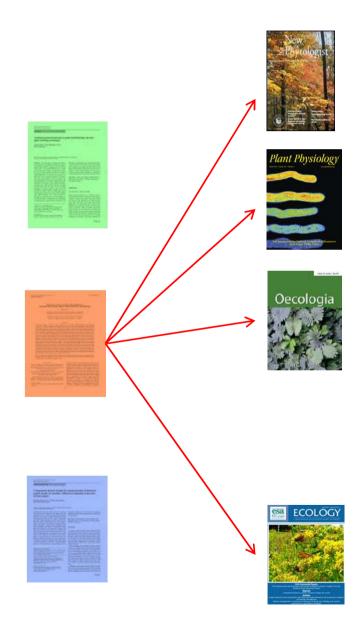
Current Atherosclerosis Report



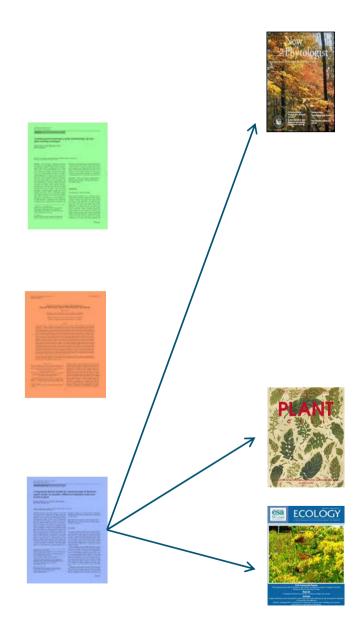




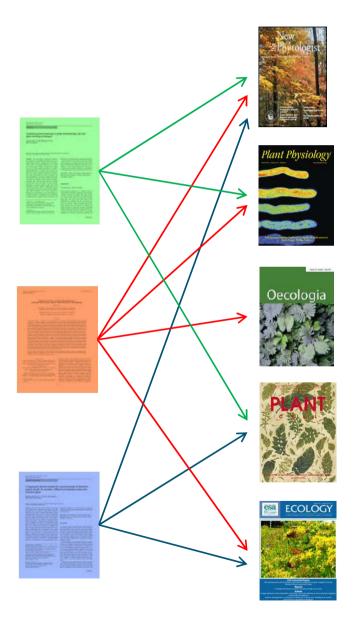
























3x

2x

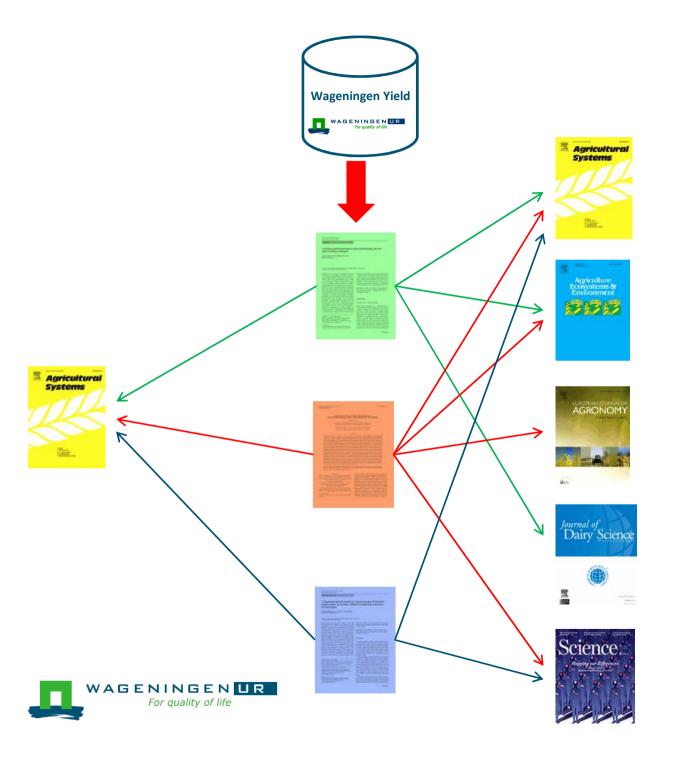
1x

2x

2x

# Co-citations for Agricultural systems (WUR)

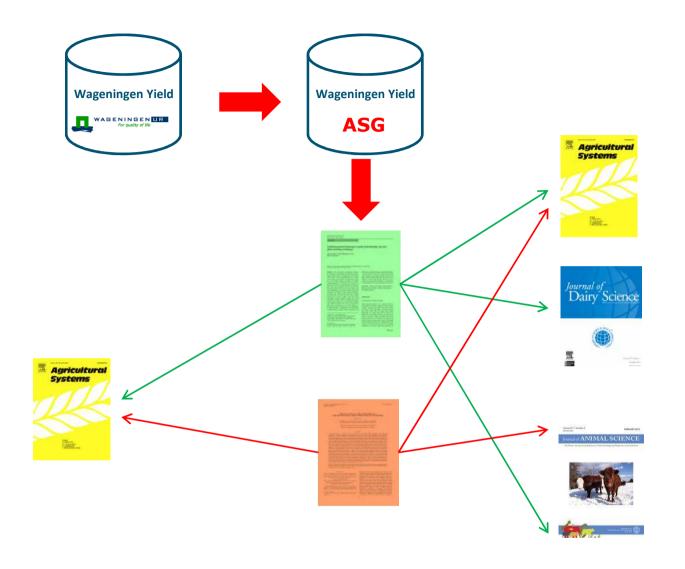




Journal +	print ISSN 🔻	online ISSN -	Number of co-citations 🔻
Agricultural systems	0308-521X	1873-2267	1950
Agriculture ecosystems & environment	0167-8809		1308
Field crops research	0378-4290		609
European journal of agronomy	1161-0301		467
Journal of dairy science	0022-0302	1525-3198	431
Science (new york, n.y.)	0036-8075		359
Fertilizer research	1385-1314		329
Plant and soil	0032-079X	1573-5036	322
Agronomy journal	0002-1962	1435-0645	305
Ecological modelling	0304-3800		263
American journal of agricultural economics	0002-9092		260
Ecological economics	0921-8009		247
Agroforestry systems	0167-4366	1572-9680	235
Livestock production science	0301-6226		223
Nature	0028-0836	1476-4687	223
Geoderma	0016-7061		219
Agricultural water management	0378-3774		218
Environmental modelling & software	1364-8152		216
Climatic change	0165-0009	1573-1480	215
Agricultural economics	0169-5150		214
Proceedings of the national academy of sciences	0027-8424	1091-6490	209
Agricultural and forest meteorology	0168-1923		207
Soil & tillage research	0167-1987		205
Journal of environmental management	0301-4797	1095-8630	201
World development	0305-750X		200
Land use policy	0264-8377		190
Soil science society of america journal	0361-5995		185
Remote sensing of environment	0034-4257		182
Global environmental change-human and policy	0959-3780		179
Environmental science & policy	1462-9011		160
Netherlands journal of agricultural science	0028-2928		155

# Co-citations for Agricultural systems (ASG)



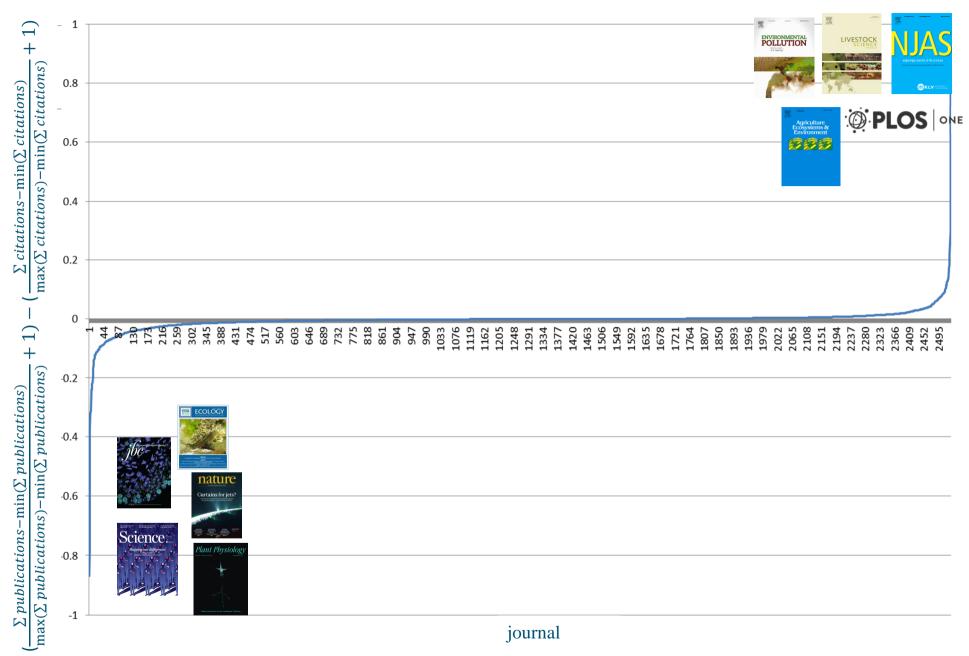




Journal +	print ISSN	<b>-</b>	online ISSN 🕶	Number of co-citations	Ψ.
Agricultural systems	0308-521X		1873-2267		582
Journal of dairy science	0022-0302		1525-3198		573
Agriculture ecosystems & environment	0167-8809				318
Livestock production science	0301-6226				270
Journal of animal science	0021-8812				265
Animal feed science and technology	0377-8401				255
Aquaculture (amsterdam, netherlands)	0044-8486				193
Livestock science	1871-1413				176
Small ruminant research	0921-4488				170
Fertilizer research	1385-1314				143
Netherlands journal of agricultural science	0028-2928				134
Outlook on agriculture	0030-7270				104
Ecological economics	0921-8009				103
International journal of life cycle assessment	0948-3349				94
Journal of agricultural science	0021-8596		1469-5146		79
Animal: an international journal of animal bio	1751-7311		1751-732X		78
Njas-wageningen journal of life sciences	1573-5214				73
Journal of cleaner production	0959-6526				64
Asian journal of agriculture and development					63
European journal of agronomy	1161-0301				60
Australian journal of experimental agriculture	0816-1089				54
Aquaculture research	1355-557X		1365-2109		54
British journal of nutrition	0007-1145		1475-2662		53
Journal of environmental management	0301-4797		1095-8630		53
Journal of environmental quality	0047-2425				52
Applied animal behaviour science	0168-1591				50
Plant and soil	0032-079X		1573-5036		48
Aquacultural engineering	0144-8609				46
Fertilizer research	0167-1731		1573-0867		46
Agriculture and human values	0889-048X		1572-8366		46
Preventive veterinary medicine	0167-5877				43

• Alternative journals for rejected papers







- Alternative journals for rejected papers
- Additional journals to consult for literature searches



- Alternative journals for rejected papers
- Additional journals to consult for literature searches
- Additional journals for alerts



93099 Record number

Cladistics: the international journal of the Willi Henniq Society Title

Willi Hennig Society Author(s)

Vol. 1, no. 1(Winter 1985)-Years/volumes

Westport, CO [etc.]: Meckler Publisher

1985-Publication year

Elektronische ed. uitg. door: [London] : Academic Press. - M.i.v. 2004 uitg. door: Blackwell Notes

0748-3007 ISSN

1096-0031 e-ISSN

cladistics / biogeography / origin / phylogenetics / phylogeny / species / taxa Keyword(s)

Evolution and Phylogeny / Biosystematics Categories

28 times (2011-2013)

Journal Publication type

English Language

INTERNET; ; Vol. 1(1985)-Availability

Cited by

Wageningen UR

staff

6.091 (2013) JCR-IF

4.139 (2013) IPP

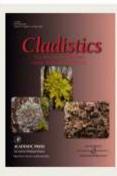
2.273 (2013) SNIP

2.210 (2013) SJR

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Erasmus University Rotterdam -

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Erasmus MC, Medical Library Universiteitsbibliotheek Leiden

- Alternative journals for rejected papers
- Additional journals to consult for literature searches
- Additional journals for alerts
- Alternative journals for journals the library provides no access to (when contracts with publishers end)



Journal +	print ISSN 🔻	online ISSN ▼	Publisher 🔻	Number of co-citations 🔻
Agricultural systems	0308-521X	1873-2267	Elsevier	1950
Agriculture ecosystems & env	0167-8809		Elsevier	1308
Field crops research	0378-4290		Elsevier	609
European journal of agronomy	1161-0301		Elsevier	467
Journal of dairy science	0022-0302	1525-3198	Elsevier	431
Fertilizer research	1385-1314		Ingenta, Spring	329
Plant and soil	0032-079X	1573-5036	Ingenta, Spring	322
Agronomy journal	0002-1962	1435-0645	ASA CSAA SSS/	305
Ecological modelling	0304-3800		Elsevier	263
American journal of agricultur	0002-9092		JSTOR, Wiley,	260
Ecological economics	0921-8009		Elsevier	247
Agroforestry systems	0167-4366	1572-9680	Springer	235
Livestock production science	0301-6226		Elsevier	223
Geoderma	0016-7061		Elsevier	219
Agricultural water manageme	0378-3774		Elsevier	218
Environmental modelling & so	1364-8152		Elsevier	216
Climatic change	0165-0009	1573-1480	Springer	215
Agricultural economics	0169-5150		Wiley, Elsevier	214
Agricultural and forest meteo	0168-1923		Elsevier	207
Soil & tillage research	0167-1987		Elsevier	205
Journal of environmental mar	0301-4797	1095-8630	Elsevier	201
World development	0305-750X		Elsevier	200
Land use policy	0264-8377		Elsevier	190
Soil science society of america	0361-5995		ASA CSAA SSSA	185
Remote sensing of environme	0034-4257		Elsevier	182
Global environmental change	0959-3780		Elsevier	179
Environmental science & police	1462-9011		Elsevier	160
Netherlands journal of agricul	0028-2928			155
Journal of animal science	0021-8812		American Soci	152

- Alternative journals for rejected papers
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- Link to recommend a purchase for co-cited journals the library provides no access to





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# Recommend a purchase

We welcome recommendations for new publications. If you would like to recommend a journal, book or database for purchase by Wageningen UR Library, please fill in this form.

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Suggestions will be reviewed by an information specialist taking into consideration several factors, including: appropriateness of the material for Wageningen UR Library's collection and available funding. We will inform you about the decision. For questions about the procedure, please contact the Servicedesk.

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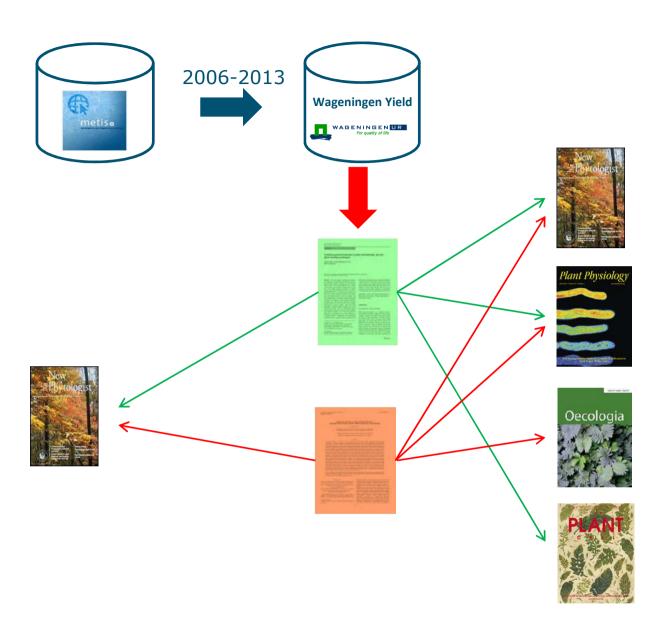
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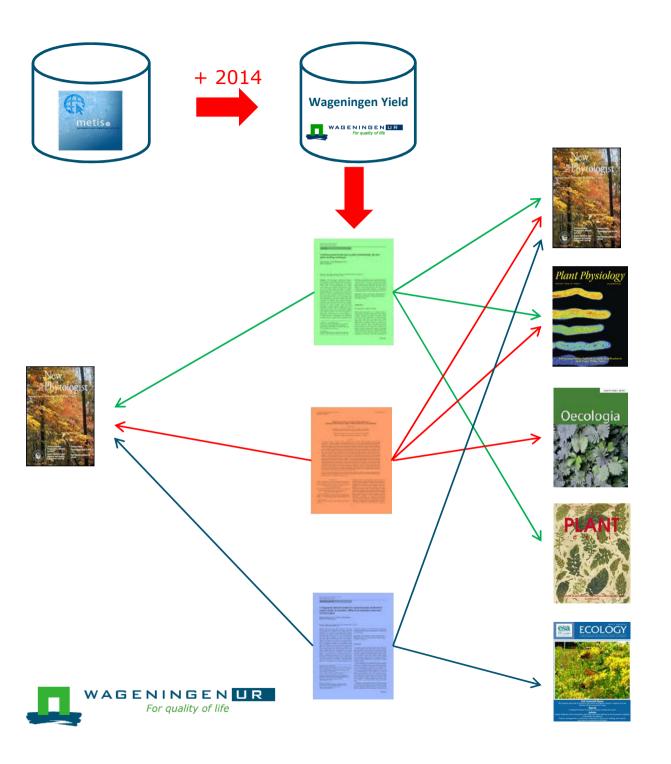


- Alternative journals for rejected papers
- Additional journals to consult for literature searches
- Additional journals for alerts
- Alternative journals for journals the library provides no access to (when contracts with publishers end)
- Link to recommend a purchase for co-cited journals the library provides no access to
- Adjustment of collection management to changes in journal usage









- Alternative journals for rejected papers
- Additional journals to consult for literature searches
- Additional journals for alerts
- Alternative journals for journals the library provides no access to (when contracts with publishers end)
- Link to recommend a purchase for co-cited journals the library provides no access to
- Adjustment of collection management to changes in journal usage
- Check for collection management on providing access to the most important journals



Catalogue number	¥	Journal +	print-ISSN	- online ISSN -	Number of citations •
		The efsa journal			478
		Journal of geophysical research-atmospheres			388
		Journal of electroanalytical chemistry			288
		Soil science society of america journal. soil science society			192
		Official journal of the european union legislation			174
		Physiology & behavior			170
		British journal of cancer	0007-0920	1532-1827	169
		Communication			161
		Advances in experimental medicine and biology	0065-2598		158
		Organohalogen compounds			154
		World health organization. technical report series	0512-3054	0509-2507	151
		Cochrane database of systematic reviews	1469-493X		150
		The journal of the acoustical society of america	0001-4966	1520-8524	139
		Applied physics letters	0003-6951	1077-3118	137
		Bulletin of marine science	0007-4977		133
		Nature chemical biology	1552-4450	1552-4469	130
		Acs symposium series	0097-6156		130
		Physics of fluids	1070-6631	1089-7666	122
		Bulletin oilb/srop	0253-1100	0253-1100	120
		Wprs bulletin / international union for biological sciences	0253-1100	0253-1100	120
		Aspects of applied biology			116
		Journal of physics: condensed matter	0953-8984		110
		Eurosurveillance			110
		Archives of disease in childhood	0003-9888		107
		Scandinavian journal of gastroenterology	0036-5521	1502-7708	104
		Wageningen ur frontis series			101
		Environmental technology	0959-3330		100

#### References

- Van Eck, N.J. & Waltman, L. (2011). VOSviewer version 1.4.0. Center for Science and Technology Studies. Leiden University. Available via <a href="http://www.vosviewer.com/">http://www.vosviewer.com/</a>
- Journal browser Wageningen UR Library



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- Peter van Boheemen
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# Questions





www.slideshare.net/marco.vanveller

