



Checking for overlap in e-resource collections

How and why

Tatjana Timotijević
Head of Department of Scientific Information,
KoBSON country coordinator
National Library of Serbia

tatjana.timotijevic@nb.rs

December, 2017.





In this webinar

- Brief presentation of KoBSON's database of subscribed e-resource content, and **how** we can search it for content overlap
- Discussion of different scenarios of **when** we check for content overlap between e-resources collections: when considering new content, renewals, etc.

KobSON's database [EleČas - EleJour]

- The database was built in 2002 by KoBSON IT colleagues
- It is made on SQL server (currently 2014 version). It consists of a lot of related tables (for example 3 tables for E-journals, 3 for e-books and 3 for Impact Factor).
- We import Excel spreadsheets or Access table received from publishers (with their list of titles) into our SQL server. Then we make a query based on different needs and purposes.

KobSON's database [EleČas -EleJour]

- For every journal we have information whether that journal has Impact Factor (IF) or not, whether it is available through some of subscribed publishers/vendors or not.
- Let's take a look...

Journal search on KoBSON webpage:



KoBSON

INFORMACIJE

NAUKA U SRBIJI

SERVISI

MOŽDA VAM ZATREBA

SUGESTIJE I ZAMERKE

Tražite



udaljeni pristup CPT

EleČas >

Elektrika >

Naši u WOS >

Brza stranica >

Pomoć >

Impresum >

Pratite nas:



reči u naslovu časopisa

med sci

ISSN

oblast

izaberite oblast

izaberite oblast

- Acoustics
- Aerospace Engineering & Technology (current - Engineering, Aerospace)
- Agricultural Economics & Policy
- Agricultural Engineering
- Agricultural Experiment Station Reports (current - Agricultural...)
- Agriculture (current - Agronomy)
- Agriculture, Dairy & Animal Science
- Agriculture, Multidisciplinary
- Agronomy
- Allergy
- Anatomy & Morphology
- Andrology
- Anesthesiology
- Anthropology
- Archaeology (AHCi)
- Archeology (current - Anthropology)
- Architecture (AHCi)
- Area Studies
- Art (AHCi)

KoBSON lista



Važno



Časopisi u papirnoj formi



Nazivi disciplina



bia

Journal search on KoBSON webpage:

Pronađeno: 1-20 / 105 časopisa

oblast: Enviro

Pronađeno: 1-20 / 240 časopisa

reči u naslovu časopisa: med sci

ISSN	Naslov	Servisi	IF 2016	
1758-678X				
0959-3790				
1543-9928				
0261-5177				
1757-7780				
0169-2046				
0301-4215				
2212-0416				
0305-9006				
1086-0266				
1750-6816				
0272-4944				
0013-9165				
0195-9255				
0264-8377				
0964-4723				
0921-8009				
1426-3798				
1535-3958				
1708-3087				
1946-6234	Science Translational Medicine		16.761	detalji
1079-5006	Journals of Gerontology. Series A: Biological Sciences and Medical Sciences	HW DX	5.957	detalji
1939-5116	Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology	WI	4.761	detalji
0195-9131	Medicine and Science in Sports and Exercise		4.141	detalji
1440-2440	Journal of Science and Medicine in Sport	SD	3.857	detalji
0905-7188	Scandinavian Journal of Medicine and Science in Sports	WI	3.331	detalji
1021-7770	Journal of Biomedical Science	EB FH CA	2.799	detalji
0277-9536	Social Science and Medicine	SD	2.797	detalji
1449-1907	International Journal of Medical Sciences	FH CA	2.399	detalji
0300-9734	Uppsala Journal of Medical Sciences	FH	2.389	detalji
1939-5094	Wiley Interdisciplinary Reviews: Systems Biology and Medicine		2.385	detalji
0957-4530	Journal of Materials Science: Materials in Medicine	SP	2.325	detalji
0268-8921	Lasers in Medical Science	SP	2.299	detalji
0895-3988	Biomedical and Environmental Sciences		2.204	detalji
1757-7241	Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine	FH SP CA	2.036	detalji
1734-1922	Archives of Medical Science	FH	1.969	detalji
0967-4845	British Journal of Biomedical Science		1.877	detalji
0002-9629	American Journal of the Medical Sciences		1.847	detalji
1547-769X	Forensic Science, Medicine, and Pathology	SP	1.842	detalji
1303-2968	Journal of Sports Science and Medicine	EB FH CA	1.797	detalji



What is in the back end?

Početak / SERVISI

Podaci o časopisu	
ISSN	1079-5006
Naslov	Journals of Gerontology, Series A: Biological Sciences and Medical Sciences
Status	Active
Tip dokumenta	Journal; AC
Učestalost	monthly
Jezik	Text in English
Prvi broj	1946
Abstrakt	Publishes original scientific and research papers on the biological and medical aspects of aging.
Alternativni naslovi	Supersedes in part (in 1995): Journal of Gerontology; ISSN 0022-1422
U bibliotekama Srbije (u COBISS-u)	
Od - do	Biblioteke Brojevi telefona
Elektronski dostupan	
Servis	Link Primedba
HighWire-Press	Pretraga po servisu all articles after 12 months
Oxford Journals	Pretraga po servisu
Impakt faktor, kategorije	
Impakt faktor (IF)	Kategorije i pozicije časopisa u prethodnim godinama
Kategorije	Geriatrics & Gerontology (3/49) Gerontology (1/32)
U Current Contents	Life Sciences; Social & Behavioral Sciences;
Science Citation	SCI SSCI SCIE
Izdavač	
Sponzor	Boston Society for Gerontologic Psychiatry, Inc.^
Izdavač	Gerontological Society of America
Adresa	1030 15th, NW, Ste 250; Washington, DC 20005-1503
Telefon	202-842-1275
Fax	FAX: 202-842-1150
E-mail	geron@geron.org
URL	http://biomed.gerontologyjournals.org/
Zemlja	United States

Journal title lists with detailed information (ISSN, abbreviated title, language, frequency...), data about its publisher, links, Impact Factor (IF) and JCR (Journal Citation Report) category

What is in the back end?

1	id	ISSN	Title	AC	AP	PA	CU	EB	EM	FM	HE	HW	IO	JS	OX	SG	SP	TE	WI	OA	SJ	SD	DS	SC	RC	ME	FT	OAA	MU	CI	OAJ	SDA	DG	IF			
2	356979	0000-0019	Publishers Weekly	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
3	356987	0001-0782	Communications of the ACM / Associa	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
4	356989	0001-1541	AIChE Journal / American Institute of C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
5	356991	0001-2092	Association of Operating Room Nurses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0			
6	356994	0001-2351	Transactions of the ASAE / American S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7	357003	0001-5555	Acta Dermato-venereologica	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1			
8	357006	0001-2505	ASHRAE Transactions	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9	357008	0001-253X	ASLIB Proceedings	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
10	357009	0001-2610	Planning	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
11	357010	0001-2645	ASTE Bulletin	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
12	357014	0001-2815	Tissue Antigens	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
13	357015	0001-2998	Seminars in Nuclear Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1			
14	357016	0001-3072	Abacus: A Journal of Accounting Finan	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
15	357024	0001-3714	Revista de Microbiologia	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
16	357025	0001-3765	Anais da Academia Brasileira de Cienc	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1			
17	357033	0001-5709	Acta Geologica Polonica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1			
18	357041	0002-1482	Agricultural History	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
19	357044	0002-1571	Agricultural Meteorology	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0		
20	357045	0002-161X	Agricultural Research	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
21	357051	0002-1962	Agronomy Journal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
22	357052	0002-2276	Air Conditioning, Heating and Refriger	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	357054	0002-2365	Air Force Comptroller	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	357063	0001-4273	Academy of Management Journal	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
25	357066	0001-6002	Acta Medica Costarricense	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26	357067	0001-4338	Izvestiya Atmospheric and Oceanic Phy	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
27	357068	0001-4346	Mathematical Notes	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
28	357069	0001-4370	Oceanology	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
29	357072	0001-4575	Accident Analysis and Prevention	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1		
30	357073	0001-4664	Accountancy	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31	357075	0001-4788	Accounting and Business Research	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
32	357076	0001-4826	Accounting Review	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
33	357077	0001-4842	Accounts of Chemical Research	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
34	357078	0001-494X	ACME. Annali Della Facolta di Lettere E	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0		
35	357082	0001-5164	Acta Anesthesiologica Belgica	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	357083	0001-5172	Acta Anaesthesiologica Scandinavica	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
37	357089	0001-527x	Acta Biochimica Polonica	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
38	357090	0001-5296	Acta Biologica Cracoviensia. Botanica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	

When do we check for overlap?

Scenario 1: When we get an offer from a publisher for new content.

For example: University of California Press Journals
(23 titles)



We receive this kind of a list:

1	ISSN	eISSN	Title	URL
2	0037-9808		Journal of the Society of Architectural Historians	http://jsah.ucpress.edu/
3	0002-7685		American Biology Teacher	http://abt.ucpress.edu/
4	0008-1256		California Management Review	http://cmr.ucpress.edu/
5	2470-6469	2470-2048	Studies in Late Antiquity	http://sla.ucpress.edu/
6	0278-6656	1067-8344	Classical Antiquity	http://ca.ucpress.edu/
7	1053-9867		Federal Sentencing Reporter	http://fsr.ucpress.edu/
8	1933-4192		New Criminal Law Review	http://nclr.ucpress.edu/
9	2473-9510	2473-9510	Case Studies in the Environment	http://cse.ucpress.edu/
10	2325-1026	2325-1026	Elementa: Science of the Anthropocene	https://www.elementascience.org/
11	2153-8018		Boom	http://boom.ucpress.edu/
12	0162-2897		California History	http://ch.ucpress.edu/
13	1939-1811	1939-182X	Historical Studies in the Natural Sciences	http://hsns.ucpress.edu/
14	0037-9808		Journal of the Society of Architectural Historians	http://jsah.ucpress.edu/
15	0030-8684		Pacific Historical Review	http://phr.ucpress.edu/
16	0272-3433		Public Historian	http://tph.ucpress.edu/
17	0038-3929		Southern California Quarterly	http://scq.ucpress.edu/
18	1053-9867		Federal Sentencing Reporter	http://fsr.ucpress.edu/
19	1933-4192		New Criminal Law Review	http://nclr.ucpress.edu/
20	2474-7394	2474-7394	Collabra: Psychology	http://collabra.org/
21	0730-7829		Music Perception	http://mp.ucpress.edu/
22	2333-9489	2333-9497	Departures in Critical Qualitative Research	http://dcqr.ucpress.edu/
23	1940-8447		International Review of Qualitative Research	http://irqr.ucpress.edu/
24	2374-538X	2374-538X	Sociology of Development	http://socdev.ucpress.edu/

Checking for overlapping is based on Journal ISSN not title

(ISSN is unique, Title can be named differently: The Finite/Indefinite Article, Punctuation marks...)

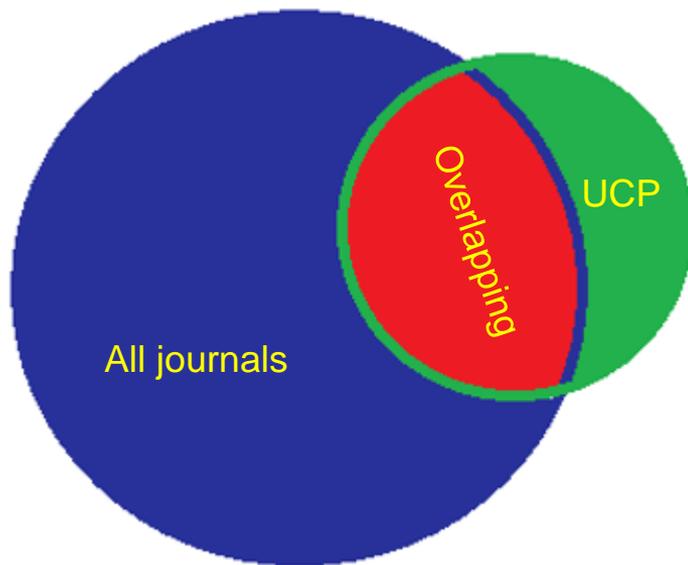
We make a query to find all journals from this list which are included in our current collections, through which service and whether they have IF.

These are the search results:

1	ISSN	Title	Service	Impact Factor	Available or not
2	0037-9808	Journal of the Society of Architectural Historians	JS	1	1
3	0002-7685	American Biology Teacher	JS, EB	1	1
4	0008-1256	California Management Review	EB	1	1
5	1053-9867	Federal Sentencing Reporter	HE	1	1
6	1933-4192	New Criminal Law Review	HE	1	1
7	2325-1026	Elementa: Science of the Anthropocene	OA, DOAJ	1	1
8	2153-8018	Boom	JS	1	1
9	1939-1811	Historical Studies in the Natural Sciences	JS	0	1
10	0037-9808	Journal of the Society of Architectural Historians	JS	0	1
11	0272-3433	Public Historian	JS	0	1
12	0038-3929	Southern California Quarterly	JS	0	1
13	1053-9867	Federal Sentencing Reporter	HE	0	1
14	1933-4192	New Criminal Law Review	HE	0	1
15	0030-8684	Pacific Historical Review	JS	0	1
16	0730-7829	Music Perception	JS	0	1
17	2473-9510	Case Studies in the Environment		0	0
18	2474-7394	Collabra: Psychology		0	0
19	2470-6469	Studies in Late Antiquity		1	0
20	0278-6656	Classical Antiquity		1	0
21	0162-2897	California History		0	0
22	2333-9489	Departures in Critical Qualitative Research		0	0
23	1940-8447	International Review of Qualitative Research		0	0
24	2374-538X	Sociology of Development		0	0
25	Total			9	15
26	Percentage			39.13%	65.22%

From 23 journals, 9 titles have Impact factor (39.13%) which is high percentage, and shows great value of collections.

But, from that number of journals, 15 titles are already available in our subscriptions through EBSCO, JSTOR, Hein Online, or in Open Access (DOAJ). Conclusion: the overlap is too high (65.22%).



- All Journals 29.735
- UCP 23
- Overlapping 15 (65.22%)

When do we check for overlap?

Scenario 2: if we have to cancel some subscriptions because of low usage statistics

In the past, we had a subscription to eBrary e-books; from 84,430 books our users used only 7,654 titles. We decided to change the collection and subscribe EBSCO e-books instead. We checked overlap and received these results:

Service	Total num of books	overlapping	Unique titles
EBSCO	111,834	41.39%	65,535
eBrary	84,430	54.83%	38,131
	27,404	46,299	

Overlap 54.83%

EBSCO had more titles, and more unique titles – not included in eBrary (or other available collections)

When do we check for overlap?

We do the same also when we must cancel some subscriptions because of lack of money.

We had EBSCO and ProQuest Journals, we checked overlap. ProQuest had the higher overlap percentage, so and we cancelled that subscription.

The majority of ProQuest Journals were already covered by EBSCO, HighWire, Free Medical Journals, Open Access



When do we check for overlap?



It is of a great importance to have a valuable collection and to provide access to the most relevant literature, that's why we check for overlap with journal titles which have Impact Factor.

Journals with IF 2016	Available through KoBSON	Overpalpping
11.402	8.237	72.24%

That means that we provide our users access to the world's most influential literature.

When do we check for overlap?

Scenario 3: When we prepare statistical data for our funders, the Ministry of Science.

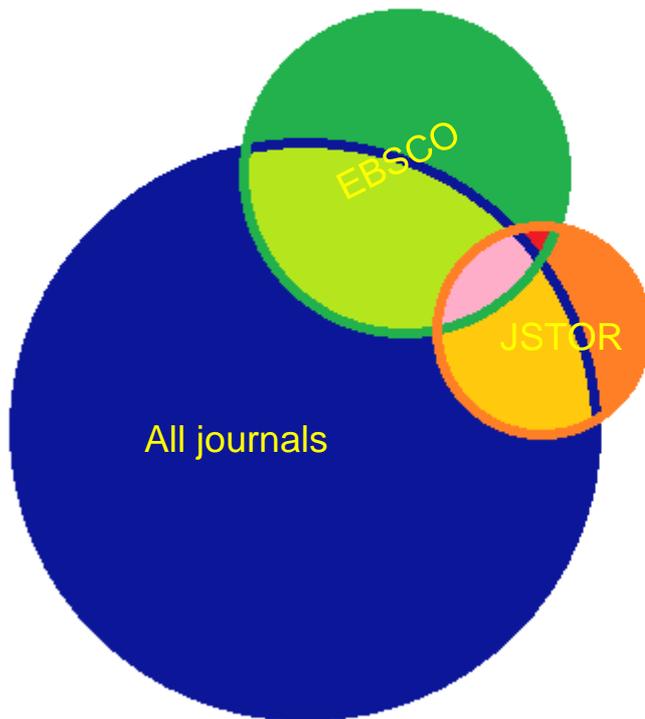
Criteria for making decision whether we will renew some subscription or not - for every service/publisher we present the following data: how many journals are available (for aggregators - how many unique journals), how many of them have IF, how many articles Serbian authors published with that publisher, how many downloads we had in a previous year, and the price per article



	Total Journals	Journals with IF	Value	Overlapping with other collections	Percentage	Unique Journals	Percentage	Overlapping Eb i JS
Ebsco	6680	3293	49.29%	2078	31.10%	4602	68.89%	325 = 3.85%
Jstor	1750	709	40.51%	644	36.80%	1106	63.20%	



ISSN	Title	Service	IF
000021-8294	Journal for the Scientific Study of Religion	EB, JS, WI	1
00001522-2152	Physiological and Biochemical Zoology	EB, JS	1
00001058-7195	Review of Agricultural Economics	EB, JS, WI	0
0000882-0945	Buddhist - Christian Studies	EB, JS	0
00020011-216X	Crustaceana	EB, JS	1
00040034-6705	Review of Politics	CU, EB, JS	0
00081369-1058	Culture Health and Sexuality	EB, JS	1
00030002-7685	American Biology Teacher	EB, JS	1
00000048-1009	Novum Testamentum	EB, JS	0
00000002-9246	American Journal of Economics and Sociol	EB, JS, WI	1
00020033-3352	Public Administration Review	EB, JS, WI	1
00001043-4070	Journal of the History of Sexuality	EB, JS, MU	1
00000318-6431	Canadian Journal of Sociology = Cahiers Ca	EB, JS, OAJ	1
00000022-4642	Journal of Southern History	EB, JS	0
00000091-6765	Environmental Health Perspectives	EB, FM, JS, OAJ	1
00030021-9398	Journal of Business	EB, JS	0
00001543-592X	Annual Review of Ecology Evolution and S	EB, JS, TE	1
00000002-8762	American Historical Review	EB, JS, OX	1
00000105-9327	Holarctic Ecology	EB, JS	0
00101047-840X	Psychological Inquiry	EB, JS	1
00000303-6898	Scandinavian Journal of Statistics	EB, JS, WI	1
00000148-6179	Black American Literature Forum	EB, JS	0
00000036-9241	Scottish Historical Review	EB, JS	1
00000021-8790	Journal of Animal Ecology	EB, FM, JS, WI	1
00001402-2001	Applied Vegetation Science	EB, JS, WI	1
00000026-7961	Modern Law Review	EB, HE, JS, WI	1
00001369-6815	Journal of African Cultural Studies	EB, JS	1
00000895-3309	Journal of Economic Perspectives	EB, JS	1
00000018-2168	Hispanic American Historical Review	EB, JS	1
00000031-8868	Phronesis	EB, JS	0



- All journals
- EBSCO
- JSTOR
- Overlapping



Thank you for your attention 😊

Questions?

Website: www.kobson.nb.rs
E-mail: Tatjana.timotijevic@nb.rs

You can also follow us on:

- Facebook → <https://www.facebook.com/KoBSON-298844590828/>
- Twitter → https://twitter.com/kobson_twitty?lang=en

