



**Visibility, accessibility, impact, and quality:  
In search for a joined S&T publishing strategy  
for the region**

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- to propose **outlines** of a joint S&T publishing strategy for the region
- to demonstrate **benefits** from such strategy
- based on some **experiences from Serbia**
- what is S&T **publishing strategy**:
  - dealing with LPJ: their status, support, evaluation, etc.
  - in Serbia: not stated, but evident

**Impact = Visibility + Accessibility + Quality + Relevance**

where:

**I**=citation rate; **V**=metadata availability; **A**=full text;  
**Q**=following standards; **R**=N references shared

**Visibility & Accessibility** are:

- ⇒ the only necessary conditions
- ⇒ the two first links in the chain

**Visibility ⇒ Accessibility ⇒ Quality ⇒ Relevance ⇒ Impact**



## **The goals:**

- ⇒ to improve journals quality
- ⇒ to elevate national impact

## **Measures, instruments:**

- ⇒ ensuring visibility: SocioFakt to SCIndeks, OAI PMH
- ⇒ ensuring accesibility: full text, also in Open Access
- ⇒ categorizing all the journals: monitoring impact and quality
- ⇒ promoting best of them internationally:
  - ⇒ asigning DOI, cross-ref system
  - ⇒ recommending best of them to international database aggregators



ISSN 0354-3447

:: annual issues

:: about journal »

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:: journal list

:: articles search

:: terms and privacy

:: about the publisher



Petrović Ivana M.  
Savin Svetlana  
Cvejić Dubravka S.  
*Institut za primenu nuklearne energije - INEP, Beograd*

*Jugoslovenska medicinska biohemija*  
2005, Vol. 24, No. 2, pp. 115-119  
article in English  
doi:10.2298/JMH0502115P  
 full text in pdf format (66 KB)

## Assay validation of a radioimmunoassay for serum thyroxine-binding globulin

### Abstract

A radioimmunoassay for the quantitation of serum thyroxine-binding globulin (TBG), RI... characterised. The sensitivity was found to be favorable (2.0 mg/L). The highly satisfactory precision of the assay was reflected in the low coefficient of variation (less than 5%) found for both intra- and interassay precision at three concentrations. Non-specific binding of the label antigen was less than 2% of the total binding. Linearity of the assay within the range of the standard curve (0-80.0 mg/L) was excellent ( $r = 0.99$ ) and the analytical recovery was from 91 to 115%. Reproducibility was checked by determining the concentration of TBG in samples from the day of antigen iodination and

articles related to this paper

articles by the same author(s) radioassay, reference intervals, thyroxine-binding globulin (TBG)

articles that cited this paper

### References

- Ahmed, J. & Smethurst, P. (1980). Radioimmunoassay of thyroxine binding globulin: Evaluation of a rapid diagnostic application, *Ann Clin Biochem*, 17 (5): 241-6
- Bannai, C., Yamashita, K., Kugai, N., Koide, Y. & Akisada, T. (1980). Serum free thyroxine, total thyroxine and thyroxine-binding globulin concentrations in patients with Graves disease, *Horm Metab Res*, 12 (12): 671-3
- Burr, W., Evans, S., Lee, J., Princé, H. & Ramsden, D. (1979). The ratio of thyroxine to thyroxine-binding globulin in the assessment of thyroid function, *Clin Endocrinol (Oxf)*, 11 (3): 333-42
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cited (1)

cited (0)

cited (1)

cited (0)

related records

DOI (cross-ref)

to the full text

citation rate

to the abstract

# The system works: SCIndeks in Google Scholar

tranzicija



Scholar All articles Recent articles Results 1 - 10 of about 1,270 for tranzicija.

- All Results
- S Pokrajac
  - R Kovačević
  - Z Vidojević
  - D Marsenić
  - D Đuričin

[Tranzicija i trgovinska politika](#)

R Kovačević - *Ekonomska misao*, 2001 - **CEON/CEES**  
 ... **Tranzicija** i trgovinska politika Sažetak The process of reintegration the tra  
 economies into the world economy through trade flows has made major ...  
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CEON/CEES is the main contributor

[BOOK] **Tranzicija** i tehnologija  
 S Pokrajac - 2000 - Topy  
 Cited by 6 - [Related Articles](#) - [Web Search](#)

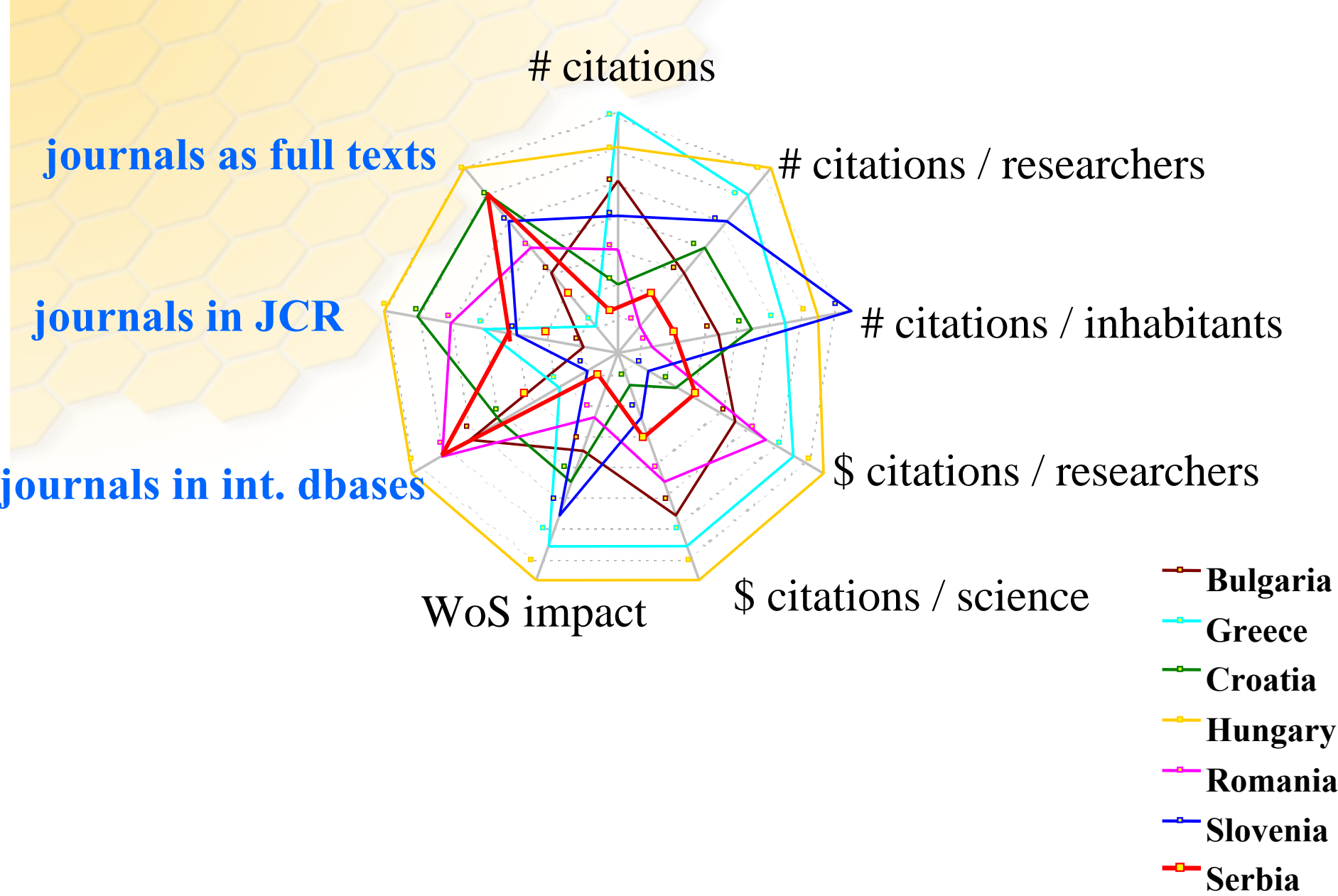
most citations come form SCIndeks

[CITATION] Gender and transition: The transition of gender (rod) **tranzicija** **tranzicija** (rod)  
 M Blagojević - *Women in the Act (Žene na delu)*, Belgrade, Ženske grupe, 2002  
 Cited by 2 - [Related Articles](#) - [Web Search](#)

all five persons on the top are SCIndeks authors

[Tranzicija zemalja Centralne i Istočne Evrope u tržišnu privredu](#)  
 R Kovačević - *Privredna izgradnja*, 2002 - **CEON/CEES**  
 ... **Tranzicija** zemalja Centralne i Istočne Evrope u tržišnu privredu Sažetak Tranzicioni

# Journals visibility vs. National WoS impacts





klasifikacija:			MNZŽS	šire oblasti:			sve oblasti	period:			2002, 2003. i 2004. godina				
vrsta pokazatelja:			osnovni sa kategorijom	uže oblasti:			sve oblasti	napomene							
ob	rb	naziv časopisa	citati			heterocitati			inocitati			impakt 5			kat
			2002	2003	2004	2002	2003	2004	2002	2003	2004	2002	2003	2004	
2	1.	MATCH	48	66	78	10	14	9	98	269	443	3.416	4.691	6.145	1, 1
2	2.	Journal of the Serbian Chemical Society	164	162	176	83	70	76	595	662	785	2.244	2.722	3.061	1, 1
	3.	Bulletin: Sciences mathématiques	10	12	10	10	11	6	20	22	32	1.125	2.100	2.000	1
	4.	Publications de l'Institut Mathématique	52	43	15	33	33	14	207	210	214	1.447	1.630	1.358	1
	5.	Helia	37	50	72	7	16	15	85	105	128	0.885	1.105	1.162	1
2	6.	Theoretical and Applied Mechanics	16	10	4	10	3	3	6	22	32	0.092	0.473	1.079	2, 3
	7.	Science of Sintering	14	15	14	8	12	5	97	101	99	1.311	0.950	0.933	1
2	8.	Acta veterinaria	55	68	86	35	42	50	88	109	154	0.415	0.555	0.917	2, 2
2	9.	Thermal Science	3	3	0	2	3	0	6	11	12	0.492	1.040	0.896	2, 2
	10.	Journal of Mining and Metallurgy: Metallurgy	13	14	4	7	8	2	47	40	36	0.950	1.436	0.793	1
	11.	Publikacija ETF: matematika	18	19	16	8	10	6	60	50	52	1.066	1.100	0.783	2
	12.	Medicinski pregled	52	41	68	30	28	54	77	90	103	0.546	0.645	0.780	2
	13.	Acta periodica technologica	47	28	36	30	16	17	4	10	17	0.414	0.435	0.628	2
	14.	Serbian Astronomical Journal	8	12	18	0	0	1	70	54	43	0.781	0.698	0.620	2
	15.	Journal of Mining and Metallurgy: Mining	0	1	1	0	1	1	0	2	5	0.000	0.177	0.571	4
3	16.	Jugoslovenska medicinska biohemija	18	24	24	10	14	14	26	20	22	0.410	0.545	0.466	2, 3, 3
2	17.	FU: Physics Chemistry and Technology	3	4	9	2	4	6	4	1	4	0.325	0.075	0.459	4, 3
	18.	Srpski arhiv za celokupno lekarstvo	95	110	124	71	88	61	61	66	74	0.505	0.484	0.438	3
	19.	Journal of Research in Physics	6	7	5	3	4	2	11	8	10	0.400	0.420	0.437	3
2	20.	Yugoslav Journal of Operations Research	7	4	4	6	3	2	17	21	16	0.495	0.579	0.421	2, 3
	21.	Matematički vesnik	15	15	14	9	14	9	31	36	61	0.233	0.234	0.385	3
	22.	Onomatološki prilozi	33	85	26	19	14	13	0	0	0	0.400	0.166	0.363	2

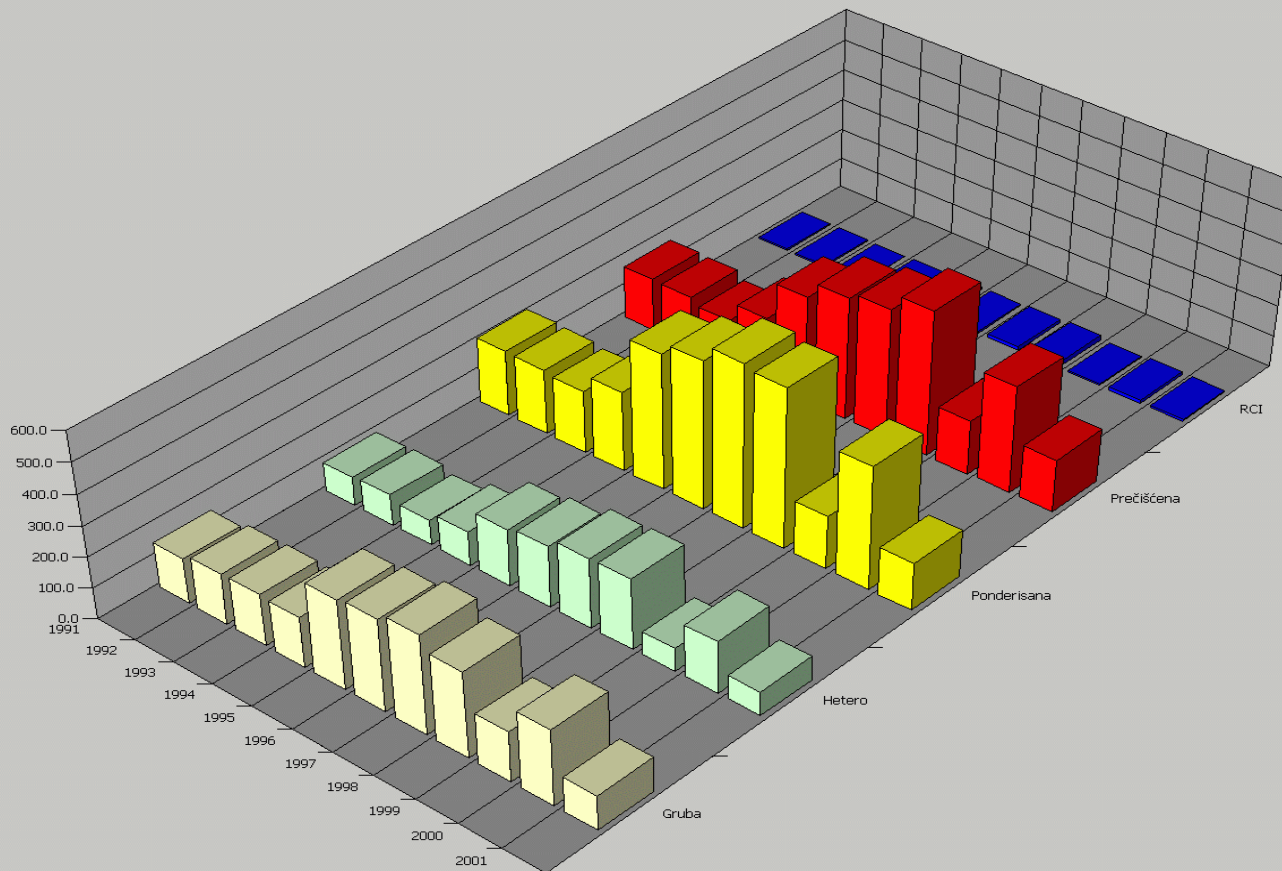
# Evaluation - Journal report: Quality indicators

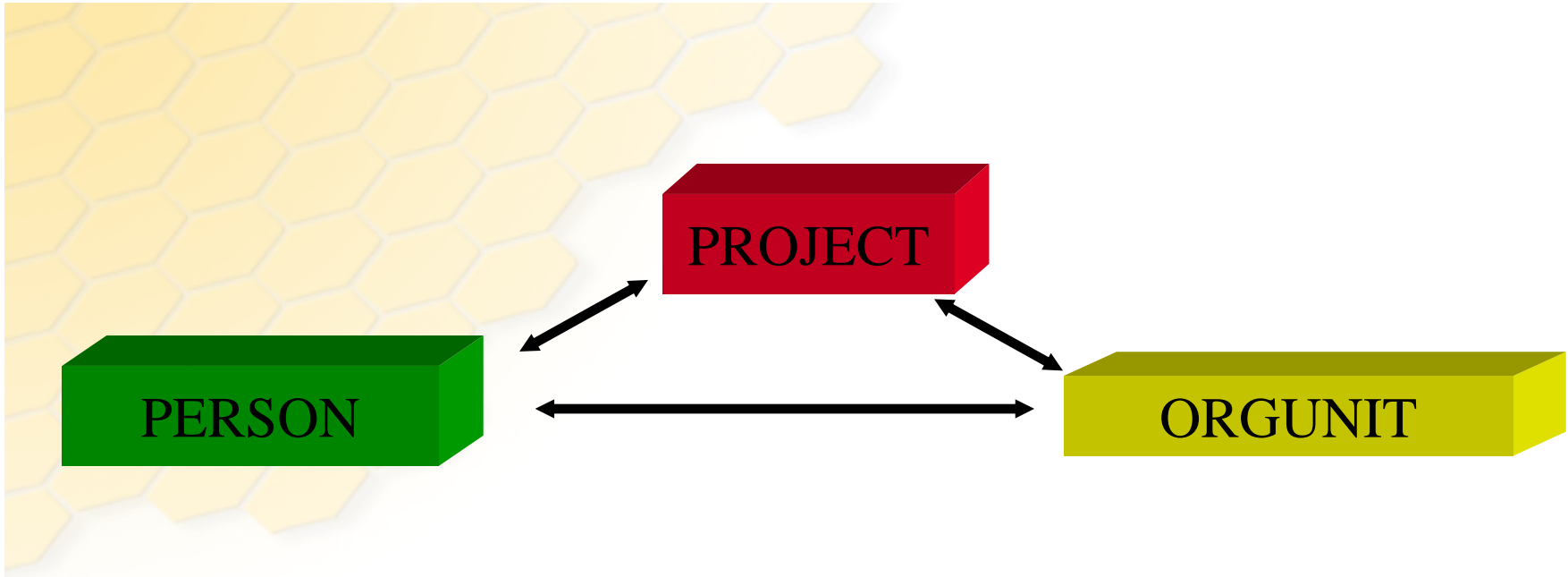
klasifikacija:		MNZŽS	šire oblasti:				sve oblasti						period:	2004. godina					
vrsta pokazatelja:		bibliometrijski kvalitet		uže oblasti:				sve oblasti						napomene					
ob	rb	naziv časopisa		rad stand	oprema	str aut	str jez	broj ref	1+ ref	cas ref	str ref	starost							
	1.	ABC - časopis urgentne medicine °		100	4.28	0	0	17.85	100.00	21.85	95.20	6.07							
	2.	ABI: Acta herbologica		100	8.27	19	63	16.26	100.00	43.19	73.95	12.51							
	3.	ABI: Genetika		100	9.00	29	100	19.11	100.00	24.20	76.30	13.29							
2	4.	ABI: Physiologica et pharmacologica acta		100	8.69	13	95	18.08	100.00	29.94	98.07	8.39							
	5.	ABI: Zemljište i biljke		100	9.00	14	100	13.28	100.00	27.49	58.87	18.55							
	6.	Acta agriculturae Serbica		100	9.91	15	13	11.65	100.00	35.44	59.71	12.02							
	7.	Acta chirurgica iugoslavica		100	8.75	30	46	22.27	97.10	28.21	97.26	9.70							
	8.	Acta clinica °		100	9.75	0	0	12.57	100.00	11.83	96.02	5.75							
	9.	Acta facultatis medicae naissensis		100	10.00	5	100	17.11	100.00	24.71	93.01	8.36							
	10.	Acta infectologica iugoslavica		100	10.00	12	0	19.00	100.00	18.37	96.05	7.31							
	11.	Acta medica medianae		100	9.96	0	29	18.81	100.00	29.78	91.04	11.68							
	12.	Acta periodica technologica		100	9.00	10	100	18.03	100.00	47.67	96.67	7.98							
	13.	Acta rheumatologica belgradensia		100	10.00	16	0	15.45	100.00	16.62	81.76	10.27							
	14.	Acta stomatologica naissi		100	10.00	40	100	17.90	100.00	32.72	95.25	8.37							
2	15.	Acta veterinaria		100	9.00	25	100	23.18	100.00	28.67	94.33	12.52							
2	16.	Aktuelnosti iz neur, psih. i gran. područja		100	10.00	7	0	26.34	100.00	16.18	91.53	10.57							
	17.	Anali Ekonomskog fakulteta u Subotici		100	7.94	1	1	7.26	100.00	5.60	60.88	5.70							
	18.	Andragoške studije ~		81	8.50	33	22	14.70	80.00	2.31	77.22	7.62							
	19.	Anestezija - Reanimacija - Transfuzija		100	4.68	4	4	24.88	96.00	27.49	91.80	8.08							
	20.	Anestezija i intenzivna terapija		100	9.35	21	10	28.58	100.00	53.79	98.97	9.85							
	21.	Apollineum medicum et aesculapium		100	7.12	0	0	14.12	75.00	15.90	87.61	8.33							

14 slobodan izbor

	Naziv ustanove	Gruba <sup>TM</sup>	Hetero <sup>TM</sup>	Ponder <sup>TM</sup>	Prečišćena <sup>TM</sup>	RCI <sup>TM</sup>	Prosečna S	Prosečna A
1.	Ekonomski fakultet, Beograd (119/180)	2,342.66	1,542.24	3,813.04	3,027.11	6.44	27.34	18.07
2.	Ekonomski institut, Beograd (./81)	558.69	322.75	818.51	728.49	4.36		9.94
3.	Institut ekonomskih nauka, Beograd (33/39)	301.93	223.53	515.74	481.55	6.31	15.80	13.37
4.	Ekonomski fakultet, Subotica (88/82)	310.01	131.87	294.13	267.93	1.36	3.04	3.27
5.	Ekonomski fakultet, Niš (71/101)	366.47	70.31	154.62	135.74	0.33	1.91	1.34
6.	Ekonomski fakultet, Kragujevac (57/52)	142.77	73.37	171.26	126.18	1.18	2.21	2.43
7.	Ekonomski fakultet, Podgorica (44/19)	53.12	41.12	71.90	84.58	4.93	1.92	4.45
8.	Centar za ekonomske studije MECON, Beograd (./6)	32.50	26.00	62.50	68.00	10.74		11.33
9.	Ekonomski fakultet, Priština (./48)	73.64	31.64	68.72	62.76	0.54		1.31
10.	Institut za ekonomiku poljoprivrede, Beograd (./23)	109.17	29.25	64.17	53.17	1.09		2.31
11.	Savezni zavod za razvoj i ekonomsku politiku, Beograd (./12)	36.23	22.53	57.60	40.62	3.37		4.22
12.	Institut za ekonomiku i finansije, Beograd (./3)	25.00	3.50	3.50	4.00	0.53		1.33
13.	Centar za ekonomska istraživanja i razvoj, Novi Sad (./1)	3.50	1.50	3.00	3.00	1.20		3.00
14.	Institut za ekonomska istraživanja AD, Priština (./10)	2.00	2.00	3.50	3.00	0.69		0.30

X: 41°  
Y: 39°



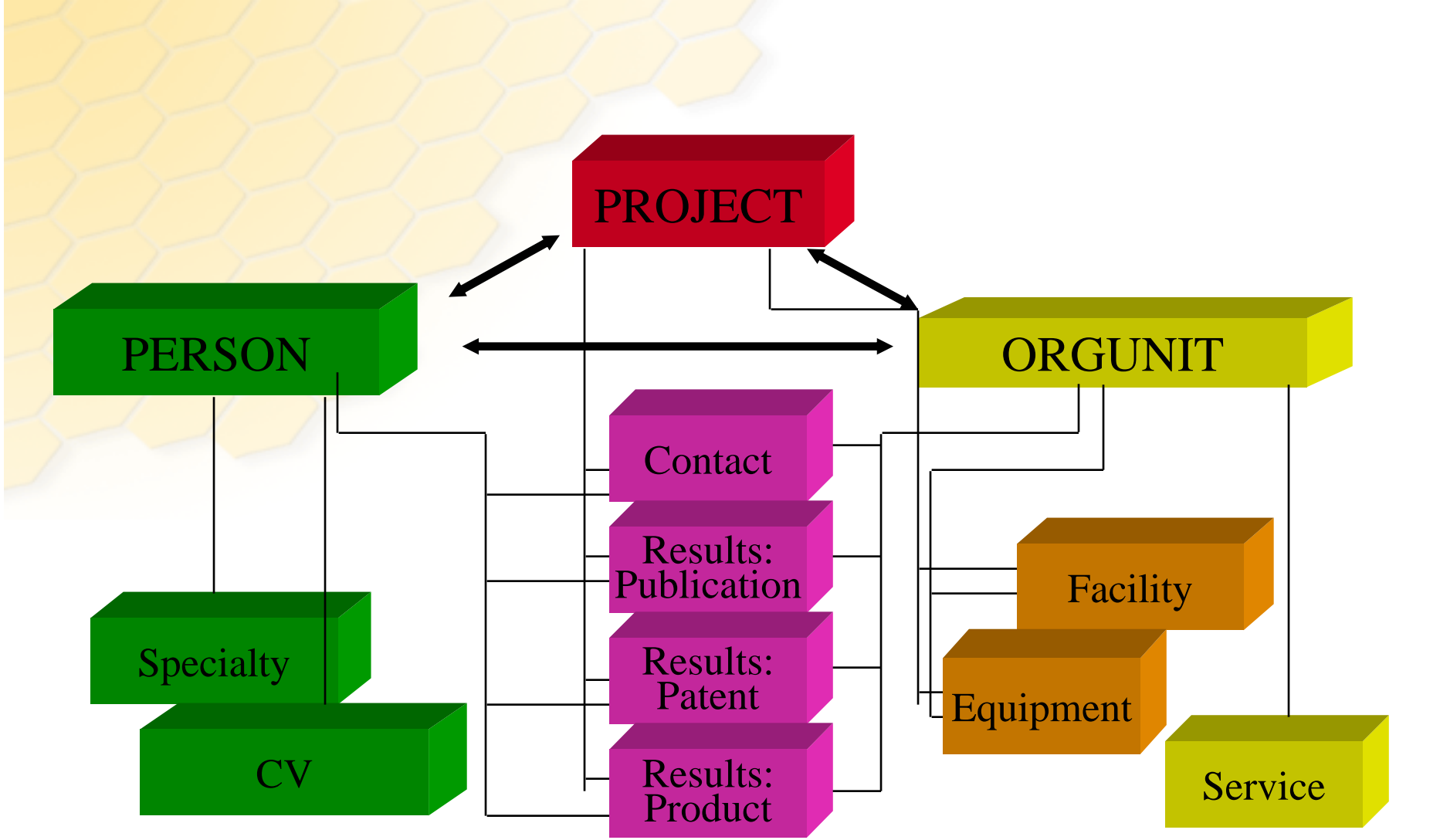


**CRIS** Current Research Information System

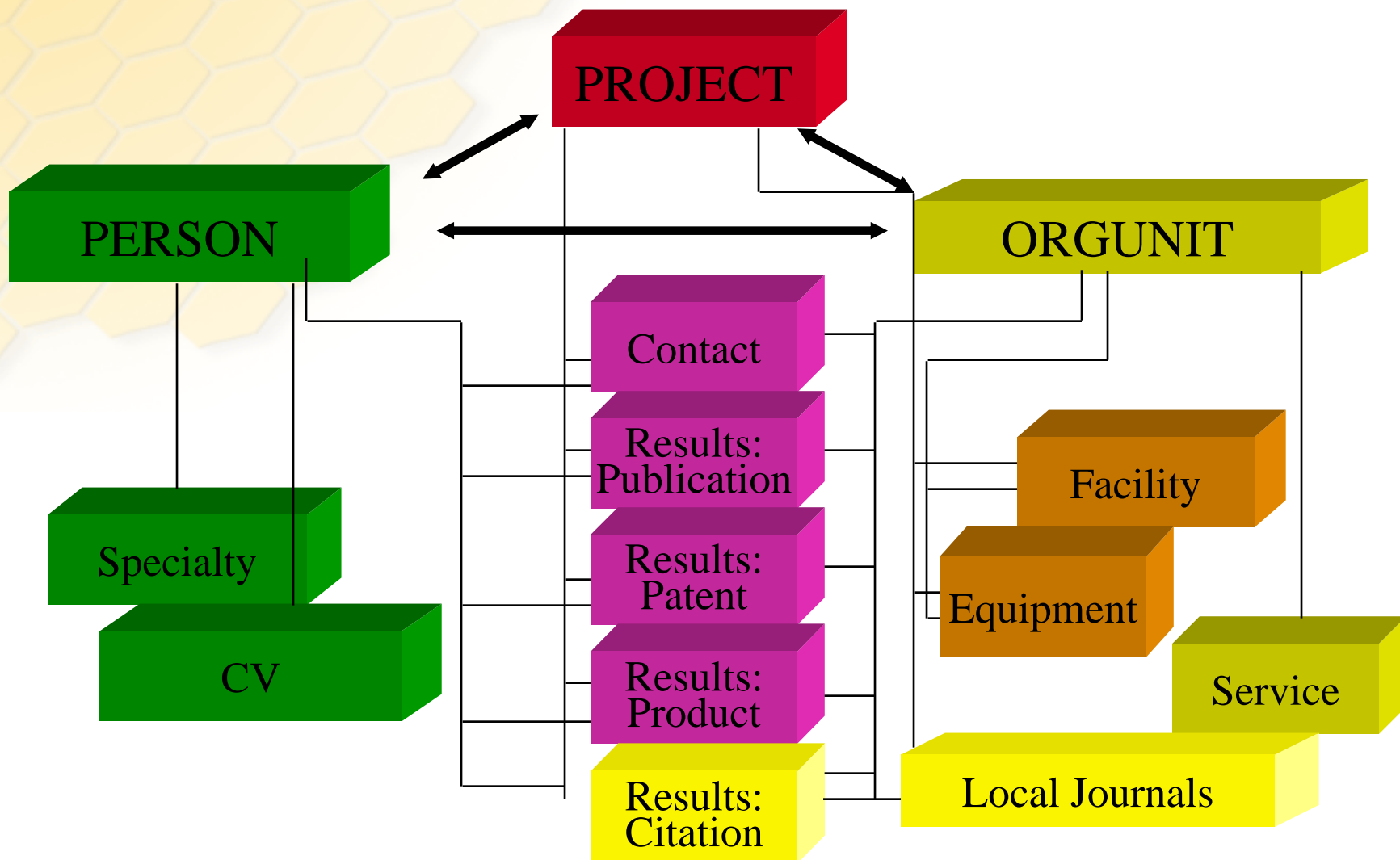
**CERIF** Common European Research Information Format

Main purpose: to locate (and estimate) partners

# CERIF: Simplified data model



# CERIF: Extended data model



A system linking SEE Locally published journals: S&T information “clearing house”

- ⇒ built as a **joint venture**, but
- ⇒ as a system of **independent** resources/databases
- ⇒ sharing **only metadata** (or supported by federated search)
- ⇒ including all references/citations to **ensure evaluation**
- ⇒ all the rest rest with the owner

## **Communication:**

- ⇒ more direct, more complete interaction
- ⇒ more respect by international users and aggregators  
(Thompson-ISI, Elsevier-Scopus)

## **Evaluation:**

- ⇒ best possible reference group for comparisons
- ⇒ inclusion of papers and citations not visible in WoS/JCR

- ⇒ Accepting Open Access
- ⇒ Accepting CERIF, EU standard, as the regional standard
- ⇒ Building a regional directory of OA journals (ROAD)
- ⇒ Categorizing regional journals based on JCR and ROAD

## Accepting Open Access

Accepting CERIF

Building a directory of regional journals

Categorizing regional journals

- ⇒ signing an OA declaration: adding B to the present triple B
- ⇒ encouraging publishers to accept it through the system of journals (co)financing

Accepting Open Access

## **Accepting CERIF**

Building a directory of regional journals

Categorizing regional journals

- ⇒ to be used in building national CRISs,
- ⇒ as well as for institutional repositories (websites and portals)
- ⇒ operable within ERA NET
- ⇒ open for use by all who want having their own services

Accepting Open Access

Accepting CERIF

**Building a directory of regional journals**

Categorizing regional journals

- ⇒ containing references as a metadata
- ⇒ to be used for mapping regional cooperation and citation exchange
- ⇒ to identify cross-national differences, and comparative advantages
- ⇒ to relate the findings with external (input) variables
- ⇒ to shape R&D national policies

Accepting Open Access

Accepting CERIF as EU standard

Building a directory of regional journals

## **Categorizing regional journals**

- ⇒ based on both international and regional impact
- ⇒ to be used as an add-on to ISI JCR in evaluation (not necessarily in a uniform way by all country members)
- ⇒ to help reducing number of national journals (in favor to regional&international ones)

- ⇒ **information integration** is the keyword
- ⇒ information are **more easily** integrated than people
- ⇒ usefull and reliable **information** have no color
- ⇒ sharing a S&T common information resource naturally leads to the **citation exchange**
- ⇒ citaton exchange naturally leads to **cooperation**

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