

Pretraživanje znanstvene literature :

znanstveni i stručni časopisi

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Jelka Petrak

Objavljivanje – završna faza istraživanja

- Svaki znanstvenik mora:
 - Objavljivati rezultate svojih znanstvenih istraživanja
 - Poznavati i koristiti **rad drugih**

Znanstvena produktivnost

- Po nekim procjenama broj radova raste godišnje po prosječnoj stopi od 4,7%.
- Neki autori tvrde da „stare” discipline poput matematike i fizike rastu sporije od „novih disciplina, poput računalnih, nano i sl. znanosti.
- Znanstvenici žele koncentrirati i razmjenjivati znanje u malim ekspertnim interesnim skupinama i cijene časopisa neprekidno rastu.

TABLE 1

AVERAGE 2012 PRICE FOR SCIENTIFIC DISCIPLINES

DISCIPLINE	AVERAGE PRICE PER TITLE	DISCIPLINE	AVERAGE PRICE PER TITLE
Chemistry	\$4,227	Technology	\$1,746
Physics	3,649	Health Sciences	1,693
Engineering	2,507	Math & Computer Science	1,689
Biology	2,281	Food Science	1,660
Astronomy	2,162	General Science	1,449
Geology	1,913	Geography	1,348
Botany	1,781	Agriculture	1,317
Zoology	1,769	SOURCE: LJ PERIODICALS PRICE SURVEY 2012	

Znanstvene informacije

- Količina raspoloživih informacija je sve veća i veća.
- Sve su veći zahtjevi kako bi se takva količina informacija kvalitetno organizirala.
- Svakome je znanstveniku važno dobiti pregled svog uskog znanstvenog područja na što jednostavniji način.

Razlozi porasta broja informacija

- Veliki porast ulaganja u znanstveno istraživanje, porast broja znanstvenika, specijalizacija
- Publish or perish
- Akademska i profesionalna promocija

Znanstveni časopis

- pripada skupini tzv. primarnih publikacija
- obilježavaju ga naslov, raspored izlaženja, jezik na kojemu se objavljuju radovi i znanstveno područje kojemu pripada

Što su primarne publikacije?

- Sadržavaju neposredne rezultate znanstvenoistraživačkoga rada tj. nova znanja ili nove interpretacije poznatih ideja i činjenica
- Sadržaj predočuju onako kako su ga stvorili/osmislili autor/i
- Nazivaju se često i "izvornima"

Znanstveni časopis – najznačajniji pojedinačni prijenosnik novih informacija

- objavljuje nove spoznaje
- arhivira testirano i integrirano znanje
- instrument za uspostavljanje profesionalnog intelektualnog vlasništva
- znanstveni članak, pregledni članak, prethodno priopćenje, pismo
- znanstvena zajednica ne drži sve časopise podjednako važnima

Koliko ima aktivnih časopisa?

- *UlrichsWeb Global Serials Directory* donosi za 2010. godinu brojku od 28.0325 aktivnih, recenziranih časopisa.
- Od tog je broja 20.928 bilo dostupno u tisku + online ili samo online (Tenopir and King 2009).

Koliko ima važnih časopisa u području tehničkih znanosti?

- Current Contents – Engineering, Computing and Technology: više od 1.100 časopisa
- Hrvatska - ?

Master Journal List > Scope Notes > Current Contents/Engineering, Computing & Technology

CURRENT CONTENTS/ENGINEERING, COMPUTING & TECHNOLOGY

Scope Notes

CURRENT CONTENTS/ENGINEERING, COMPUTING & TECHNOLOGY

Category Name:

Aerospace Engineering

Category Description:

The Aerospace Engineering category covers engineering-based resources in astronautics, aeronautics, aerospace, and aviation. Topics include the design and construction of aircraft, space vehicles, missiles, satellites, instrumentation, and power units, as well as the launch, flight, and guidance of crafts in the earth's atmosphere or in space.

Category Name:

AI, Robotics & Automatic Control

Category Description:

The AI, Robotics & Automatic Control category is concerned with resources on the research and techniques of artificial intelligence; that is, the creation of machines that exhibit characteristics of human intelligence



Početna stranica
Abecedni popis časopisa

Časopisi po područjima
Prirodne znanosti
Tehničke znanosti
Biomedicina i zdravstvo
Biotehničke znanosti
Društvene znanosti
Humanističke znanosti
Uredništva
Posjećenost časopisa
Prijava novog časopisa

Autori
Prijava radova



ScientificCommons



Časopisi po područjima - Tehničke znanosti

Tehničke znanosti

Acta Graphica znanstveni časopis za tiskarstvo i grafičke komunikacije ISSN 0353-4707 (Tisak), ISSN 1848-3828 (Online)
ovdje objavljenih brojeva: 6

Acta Turistica Nova ISSN 1846-4394 (Tisak)
ovdje objavljenih brojeva: 7

ADMET and DMPK
ovdje objavljenih brojeva: 0

Anali Zavoda za znanstveni i umjetnički rad u Osijeku ISSN 1332-456X (Tisak), ISSN 1848-7831 (Online)
ovdje objavljenih brojeva: 5

AUTOMATIKA: časopis za automatiku, mjerjenje, elektroniku, računarstvo i komunikacije ISSN 0005-1144 (Tisak), ISSN 1848-3380 (Online)
ovdje objavljenih brojeva: 30

Brodogradnja ISSN 0007-215X (Tisak), ISSN 1845-5859 (Online)
ovdje objavljenih brojeva: 29

Chemical and Biochemical Engineering Quarterly ISSN 0352-9568 (Tisak), ISSN 1846-5153 (Online)
ovdje objavljenih brojeva: 30

Croatian Operational Research Review ISSN 1848-0225 (Tisak)
ovdje objavljenih brojeva: 4

e-GFOS ISSN 1847-8948 (Online)
ovdje objavljenih brojeva: 5

Ekscentar ISSN 1331-4939 (Tisak), ISSN 1848-6398 (Online)
ovdje objavljenih brojeva: 14

Energija ISSN 0013-7448 (Tisak)
ovdje objavljenih brojeva: 22

Engineering Review ISSN 1330-9587 (Tisak)
ovdje objavljenih brojeva: 15

Geodetski list ISSN 0016-710X (Tisak)
ovdje objavljenih brojeva: 31

Godišnjak Gradskog muzeja Varaždin ISSN 0351-7926 (Tisak)
ovdje objavljenih brojeva: 1

Godišnjak zaštite spomenika kulture Hrvatske ISSN 0350-2589 (Tisak)
ovdje objavljenih brojeva: 1



Pretraživanje članaka

traži ►

Napredno pretraživanje

Upute za pretraživanje

Moj profil

Registracija novih korisnika

Korisnička oznaka (email)

Lozinka

prijava ►

Zaboravili ste lozinku?

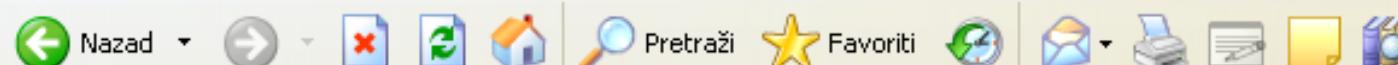
Kakvi mogu biti časopisi?

- Znanstveni časopisi bilježe nova opažanja, eksperimentalne rezultate te imaju temeljnu ulogu u napretku tehničkih znanosti.
- Proces filtriranja u kojem su selektivnost, kritički osvrt i prosudba kvalitete iznimno važni (recenzija)
- Časopisi koji imaju ulogu novina: informirati, interpretirati, kritički se osvrtati
- Uloga preglednih radova: Annual Reviews*, Current Opinion journals i sl.
- Annual Review in Automatic Programming
- Current Opinion in Colloid and Interface Science

Kako dijelimo časopise?

- Opći : specijalizirani : subspecijalizirani
- Međunarodni : lokalni (domaći)
- Znanstveni : stručni
- Citirani (impact factor) : nisu citirani
- Indeksirani : neindeksirani

Datoteka Uređivanje Prikaz Favoriti Alati Pomoć



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Što je to čimbenik odjeka?

- Čimbenik odjeka (engl. impact factor) – odjek koji časopis/članak ima u znanstvenoj zajednici
- IF = prosječan broj citata koji dobije jedan rad objavljen u nekom časopisu

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Mark	Rank	Abbreviated Journal Title (linked to journal information)	ISSN	Total Cites	Impact Factor	Immediacy Index	Articles	Cited Half-life
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<input type="checkbox"/>	2	HUM-COMPUT INTERACT	0737-0024	665	4.682	0.727	11	6.5
<input type="checkbox"/>	3	QUANTUM INFORM COMPU	1533-7146	659	3.584	0.750	44	2.9
<input type="checkbox"/>	4	IEEE T EVOLUT COMPUT	1089-778X	1226	3.257	0.122	49	4.8
<input type="checkbox"/>	5	IEEE ACM T NETWORK	1063-6692	3914	2.811	0.236	106	6.9
<input type="checkbox"/>	6	J CRYPTOL	0933-2790	771	2.280	0.706	17	9.0
<input type="checkbox"/>	7	IEEE T NEURAL NETWOR	1045-9227	5326	2.205	0.302	149	7.4
<input type="checkbox"/>	8	J ACM	0004-5411	4572	2.197	0.345	29	>10.0
<input type="checkbox"/>	9	J LOGIC ALGEBR PROGR	1567-8326	107	2.125	0.194	31	2.0
<input type="checkbox"/>	10	ACM T COMPUT SYST	0734-2071	829	2.045	0.000	9	>10.0
<input type="checkbox"/>	11	COMPUT COMPLEX	1016-3328	391	2.000	0.154	13	>10.0
<input type="checkbox"/>	12	ARTIF LIFE	1064-5462	568	1.857	0.346	26	6.4
<input type="checkbox"/>	13	COMMUN ACM	0001-0782	8222	1.797	0.302	169	>10.0
<input type="checkbox"/>	14	DISTRIB PARALLEL DAT	0926-8782	242	1.632	0.158	19	4.9
<input type="checkbox"/>	15	EVOL COMPUT	1063-6560	983	1.568	0.238	21	7.1



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- Hipertekst veze između srodnih članaka ili njihovih pojedinih sastavnica
- Mogućnost priključenja komentara
- Dijalog među znanstvenicima

Nedostaci e-časopisa

- Nesigurna pohrana
- Znatna finansijska sredstva

Organizacija informacija iz časopisa

- Bibliografske baze podataka
- Portali

Bibliografske baze podataka

- Temeljni sekundarni izvor podataka.
- Sadržavaju osnovne podatke o objavljenim radovima (autor/i, naslov rada, ime časopisa, godina/svezak/stranice, ime ustanove i sl.), ključne riječi, sažetak
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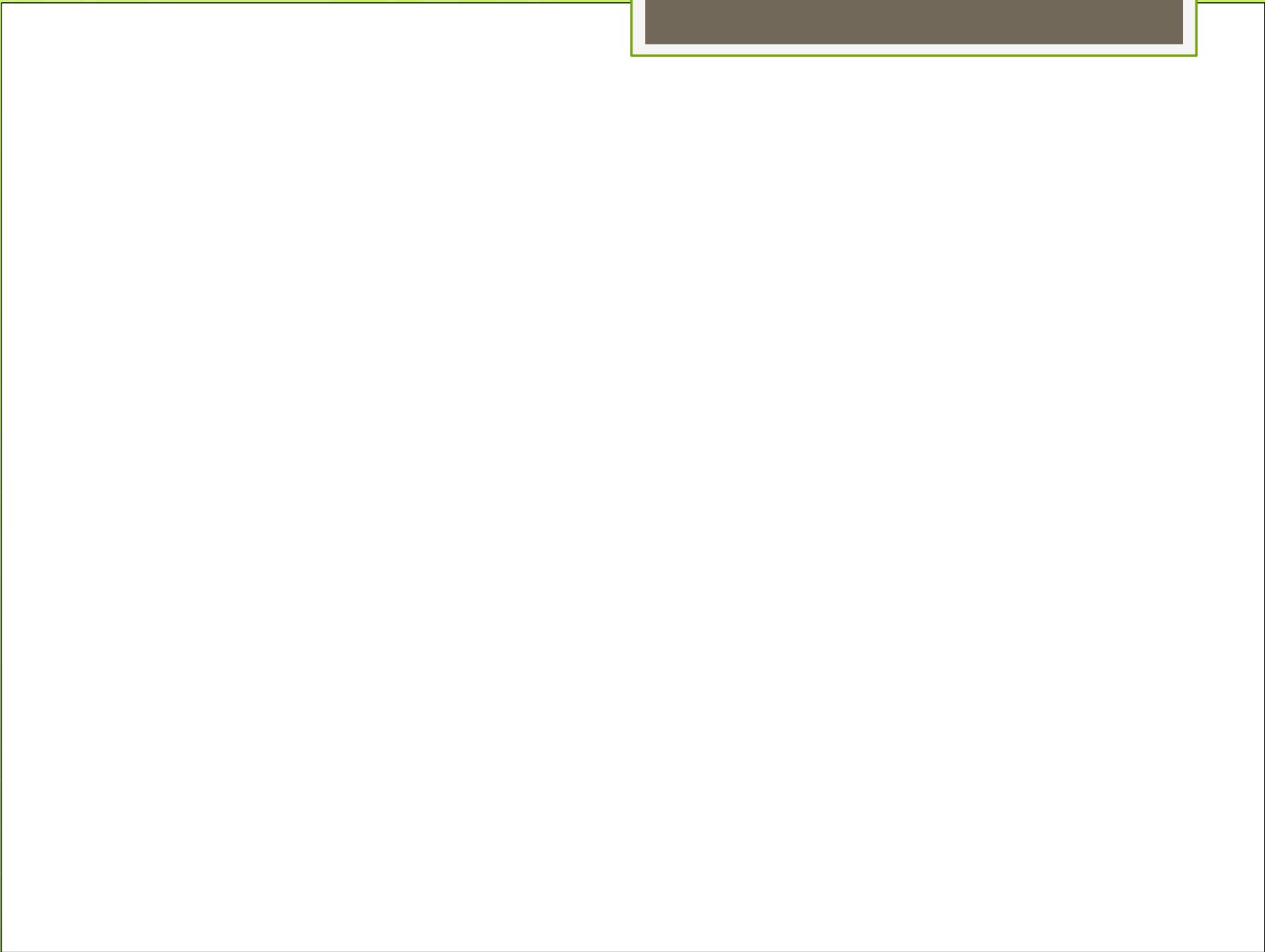
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Author	Grgic M. Delac K. Grgic S.
Author Unabbreviated	Grgic Mislav; Delac Kresimir; Grgic Sonja
Author/Editor Affiliation	Grgic M. Delac K. Grgic S. : University of Zagreb, Unska 3/XII, Zagreb, Croatia
Author Email	Grgic M: mislav.grgic@fer.hr
Title	SCface - surveillance cameras face database
Source	Multimedia Tools and Applications, vol.51, no.3, Feb. 2011, 863-79. Publisher: Springer Netherlands, Netherlands.
Date of Publication	Feb. 2011
Country of Publication	Netherlands
Abstract	In this paper we describe a database of static images of human faces. Images were taken in uncontrolled indoor environment using five video surveillance cameras of various qualities. Database contains 4,160 static images (in visible and infrared spectrum) of 130 subjects. Images from different quality cameras should mimic real-world conditions and enable robust face recognition algorithms testing, emphasizing different law enforcement and surveillance use case scenarios. In addition to database description, this paper also elaborates on possible uses of the database and proposes a testing protocol. A baseline Principal Component Analysis (PCA) face recognition algorithm was tested following the proposed protocol. Other researchers can use these test results as a control algorithm performance score when testing their own algorithms on this dataset. Database is available to research community through the procedure described at www.scface.org . (22 References).
Subject Headings	face recognition ; principal component analysis ; protocols ; video databases ; video surveillance .
Key Phrase Identifiers	surveillance cameras face database ; static images ; human faces ; video surveillance cameras ; visible images ; infrared spectrum images ; robust face recognition algorithms testing ; database description ; testing protocol ; baseline principal component analysis ; PCA .
International Patent Classification	Information retrieval; Database structures therefor [G06F17/30]; Methods or arrangements for reading or recognising printed or written characters or for recognising patterns, e.g. fingerprints [G06K9/00].
Classification Codes	Image recognition [B6135E] ; Protocols [B6150M] ; Other topics in statistics [B0240Z] ; Video signal processing [C5260D] ; Spatial and pictorial databases [C6160S] ; Other topics in statistics [C1140Z] .

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1961. - 2011.

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journal for control, measurement, electronics, computing and communications

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ISSN 0005-1144

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DOI: [10.1109/PES.2009.5275755](https://doi.org/10.1109/PES.2009.5275755)

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Godina:

Izдавač: kazalo

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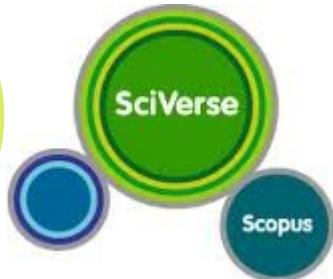
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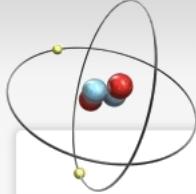
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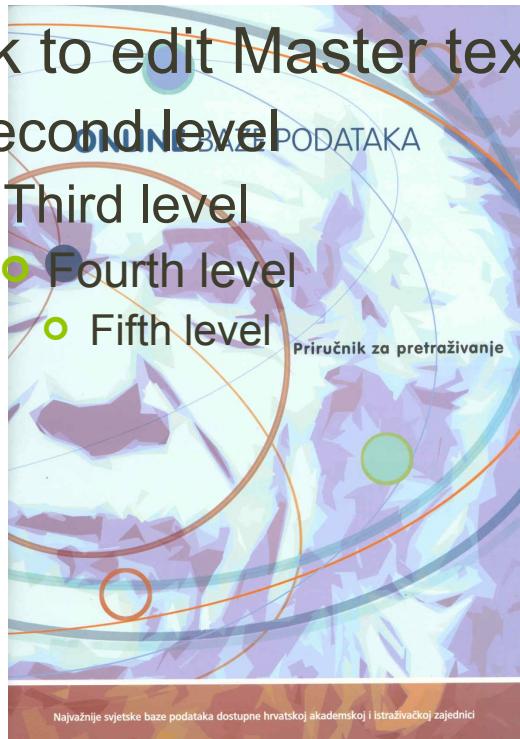
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Operator	Syntax	Find Results That...
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OR	x OR y	<p>Match either expression x or y or both</p> <p>Example: REV OR renewable energy vehicle"</p> <p>Finds articles with either the word <i>REV</i> or the phrase <i>renewable energy vehicle</i></p>
NOT	NOT x x NOT y	<p>Do <i>not</i> match expression x</p> <p>Match expression x but <i>not</i> y</p> <p>Example: gasoline NOT diesel</p> <p>Finds articles that include the word <i>gasoline</i> but that do not include the word <i>diesel</i></p>
NEAR	x NEAR/# y	<p>Match expression x within # words of y (x can appear before or after y)</p> <p>Example: implantable NEAR/3 cardiac</p> <p>Finds articles with the word <i>implantable</i> within three words of <i>cardiac</i>; <i>cardiac</i> can come before or after <i>implantable</i></p>
ONEAR	x ONEAR/# y	<p>Match expression x before and within # words of y</p> <p>Example: implantable ONEAR/3 cardiac</p> <p>Finds articles with the word <i>implantable</i> within three words of <i>cardiac</i>; but <i>implantable</i> must come before <i>cardiac</i></p>

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Jeste li mislili: "renewable energy" **for** "sustainable energy"

Savjet: Pretražite rezultate samo na jeziku - hrvatski. Jezik pretraživanja možete postaviti ovdje.

[Renewable energy and sustainable development: a crucial review](#)

I Dincer - Renewable and Sustainable Energy Reviews, 2000 - Elsevier

Achieving solutions to environmental problems that we face today requires long-term potential actions for sustainable development. In this regard, **renewable energy** resources appear to be the one of the most efficient and effective solutions. That is why there is an ...

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[Ethanol for a sustainable energy future](#)

J Goldemberg - Science, 2007 - sciencemag.org

... A **sustainable energy** future depends on an increased share of **renewable energy**, especially in developing countries. One of the best ways to achieve such a goal is by replicating the large Brazilian program of sugar-cane ethanol, started in the 1970s. ...

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[Renewable energy strategies for sustainable development](#)

H Lund - Energy, 2007 - Elsevier

... Denmark is now facing the two problems of integrating the high share of intermittent electricity from **Renewable Energy** Sources (RES) and including the transportation sector in the future strategies. Hence, reaching this stage of making **sustainable energy** strategies the issue is ...

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[[KNIJIGA](#)] [Renewable energy](#)

G Boyle - 2004 - eng.stu.edu.cn

... 1. Calendar Information ENME 519.21 **Renewable Energy** Practicum This course will provide students with hands-on learning experiences as they conceive, design and implement **renewable energy** systems. ... Title **Renewable Energy**, 2nd Edition ...

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[[KNIJIGA](#)] [GNU scientific library: reference manual](#)

M Galassi, B Gough - 2005 - lavoisier.fr

... Fuel Cells and the Future of Motorization, K. Ledja. Fuel Cell-Based **Renewable Energy** Supply: **Sustainable Energy** for Isolated and Island Communities, A. Bauen, et al. Sustainable Heat and Electricity from Sugarcane Residues: Gasification in Brazil, K. Ledja. ...

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[Application of multi-criteria decision making to **sustainable energy** planning—A review](#)

SD Pohekar, M Ramachandran - Renewable and Sustainable Energy, 2004 - Elsevier

... A review of the published literature on **sustainable energy** planning presented here indicates greater applicability of MCDM methods in changed socio-economic ... The methods are observed to be most popular in **renewable energy** planning followed by energy resource allocation ...

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[A realizable **renewable energy** future](#)

JA Turner - Science, 1999 - sciencemag.org

... By developing and implementing **renewable energy** technologies and manufacturing capabilities, we would build a **sustainable energy** infrastructure to carry us well into the next millennium. We should embark upon this path with all due speed. REFERENCES AND NOTES. ...

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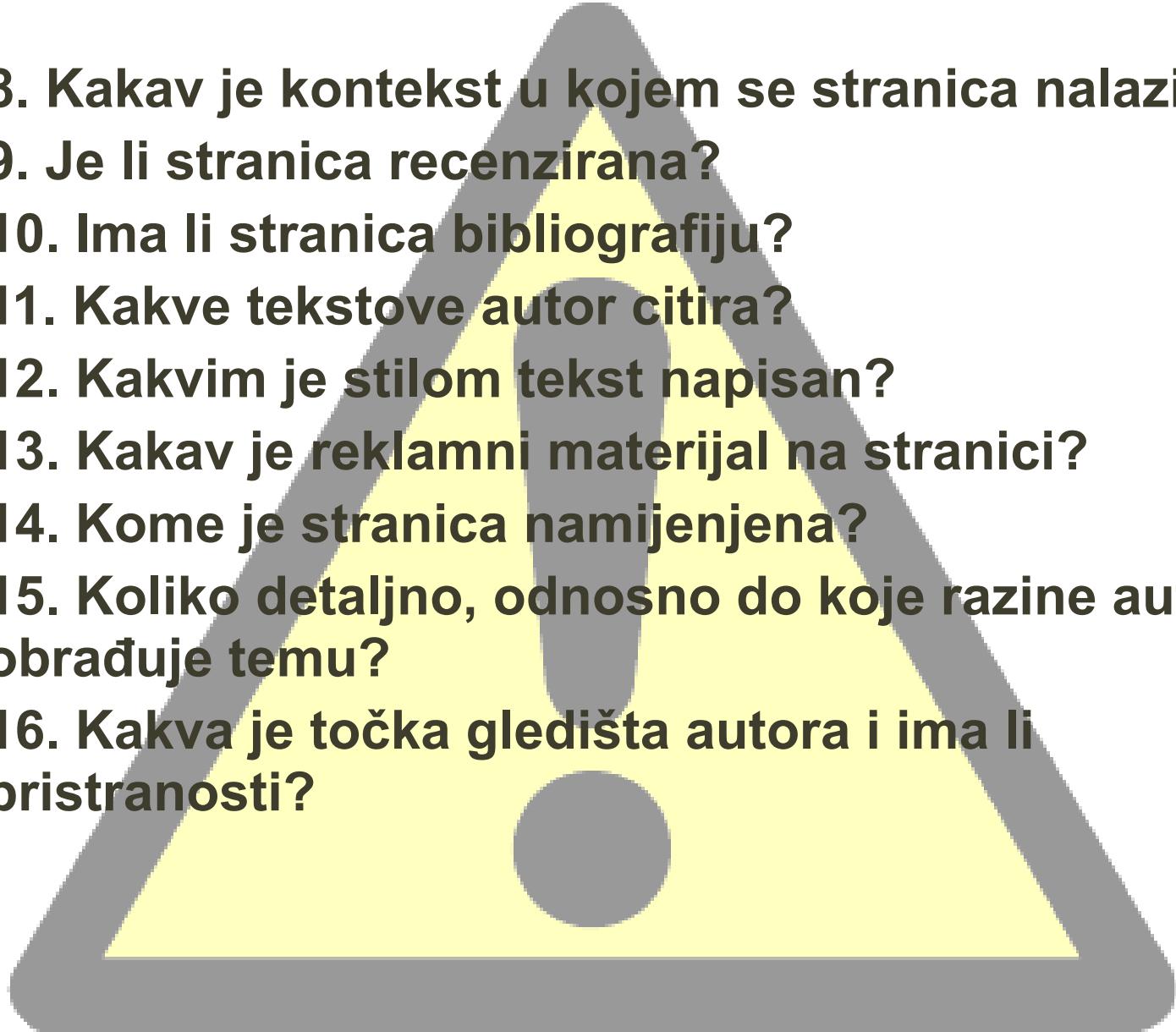
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- [1] S. Khutaina. (1995, Aug. 15). *EMBASE handbook* (3rd ed.) [Online]. 3(21). Available: Knowledge Index File: EMBASE Handbook (EMHB)

FTP

Basic Format:

- [1] J. K. Author. (year). *Title* (edition) [Type of medium]. Available FTP: Directory: File:

Example:

- [1] R. J. Vidmar. (1994). *On the use of atmospheric plasmas as electromagnetic reflectors* [Online]. Available FTP: atmnext.usc.edu Directory: pub/etext/1994 File: atmosplasma.txt

WWW

Basic Format:

- [1] J. K. Author. (year, month day). *Title* (edition) [Type of medium]. Available: http://www.(URL)

Example:

- [1] J. Jones. (1991, May 10). *Networks* (2nd ed.) [Online]. Available: http://www.atm.com

E-Mail

Basic Format:

- [1] J. K. Author. (year, month day). *Title* (edition) [Type of medium]. Available e-mail: Message:

Example:

- [1] S. H. Gold. (1995, Oct. 10). *Inter-Network Talk* [Online]. Available e-mail: COMSERVE@RPIECS Message: Get NETWORK TALK

Telnet

Basic Format:

Primjer 2:

- Ally, M. (2005). Osnovne obrazovne teorije online učenja. *Edupoint*, 38(V). Preuzeto 18. 2. 2008. s <http://www.carnet.hr/casopis/38/clanci/3>

- <http://www.carnet.hr/casopis/38/clanci/3>
nepotpun i nepravilan način citiranja