



روش ارائه پژوهش

ارایه سوم: شناسایی و تهیه منابع

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شناسایی و تهیه منابع

- در انجام پژوهش معمولاً ابتدا اطلاعات پیشنهادی تهیه می‌شود و سپس اطلاعات نتایج علمی به دست می‌آید.
- برای استخراج اطلاعات پیشنهادی لازم است منابع مناسب شناسایی و تهیه گردد.

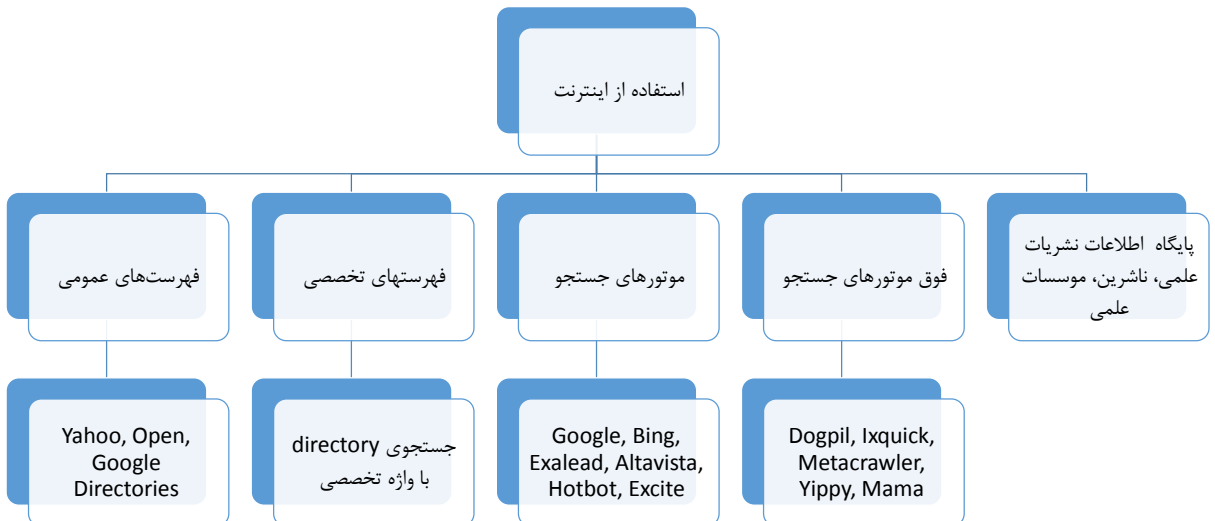
منابع قابل استفاده



- کتاب
- نشریات علمی
- گزارش فنی: جزییات بیشتر از مقاله.
- پروانه اختراع
- پایان نامه و رساله دانشگاهی
- استانداردها
- اطلاعات شرکت و محصول
- روزنامه

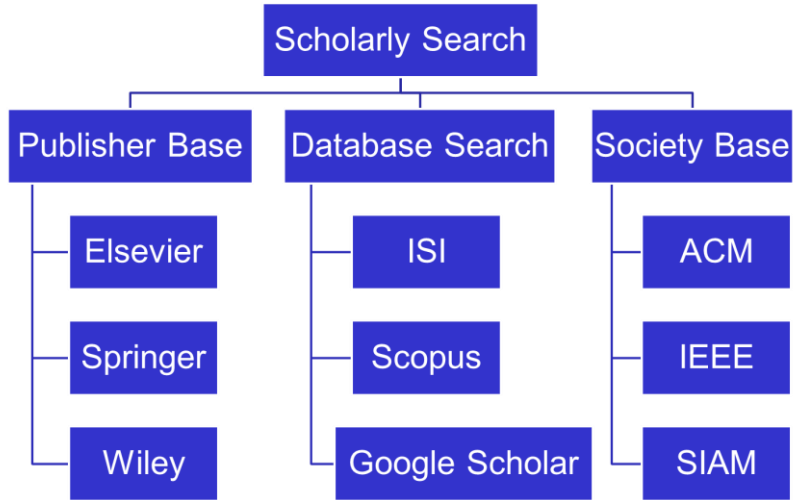
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جستجو در اینترنت



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جستجوی علمی



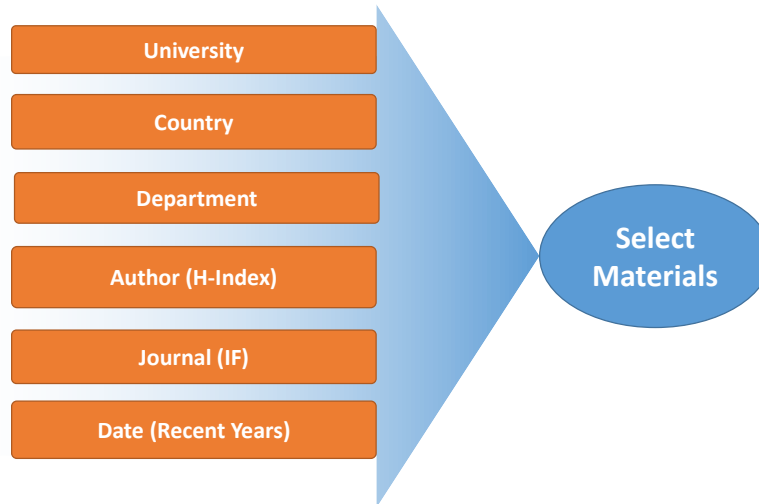
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جستجوی علمی

- <http://thomsonreuters.com>
- <http://scopus.com>
- <http://scholar.google.com>
- <http://sciencedirect.com>
- <http://ieeexplore.ieee.org>
- <http://dl.acm.org>
- <http://link.springer.com>
- <http://onlinelibrary.wiley.com>
- <http://tandfonline.com>
- <http://worldscientific.com>
- <http://sid.ir>

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اعتبار منابع



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ISI: Institute for Scientific Information

- In the early 1960's Irving H. Sher and Eugene Garfield, Philadelphia, University of Pennsylvania created the **Journal Impact Factor** to help select journals for *Science Citation Index (SCI)*
- Bought by Thomson Scientific & Healthcare in 1992
- Thomson Corporation
- Thomson Scientific
- Thomson Reuters (2008)
- 67 Iranian journal among 17594 journals
- <http://ip-science.thomsonreuters.com/mjl/>



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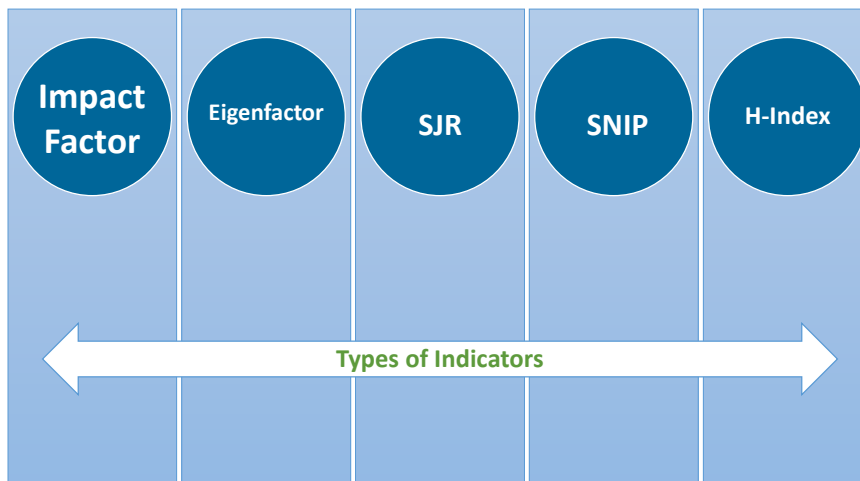
Islamic World Science Citation Database (ISC)

- ISC is a citation index established by the Iranian Ministry of Science, Research and Technology after it was approved by the Organization of the Islamic Conference.
- It only indexes journals from the Islamic world.
- It was announced in Baku, Azerbaijan during the Fourth Islamic Conference of the Ministers of Higher Education and Scientific Research held in October 2008.
- It is managed by the Islamic World Science Citation Center, located in Shiraz.
- In 2009, ISC partnered with Scopus that allows ISC's publications to be indexed in Scopus.
- mjl.isc.gov.ir



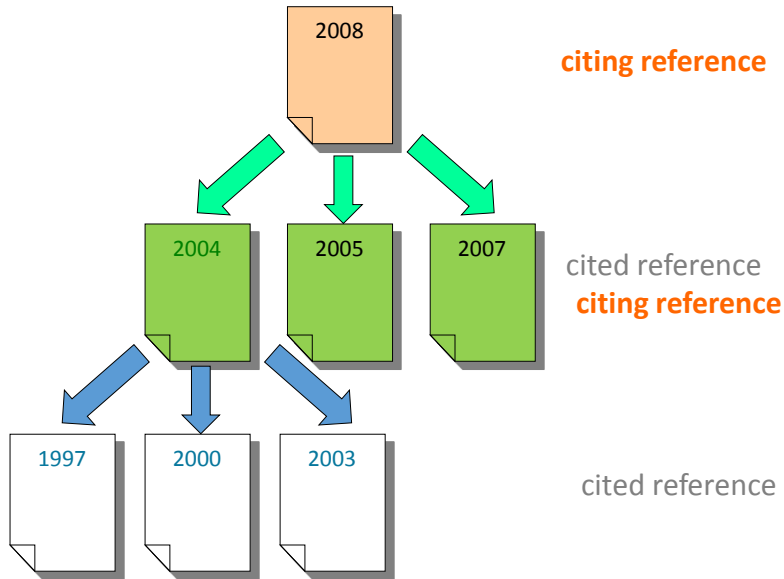
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آیا یک مجله (ژورنال) معتبر است؟



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سلسله مراتب در استناد



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ضریب تأثیر

- In any given year, the impact factor of a journal is the average number of citations received per paper published in that journal during the two preceding years.
- For example, if a journal has an impact factor of 3 in 2008, then its papers published in 2006 and 2007 received 3 citations each on average in 2008.
- The 2008 impact factor of a journal = A/B .
 - A = the number of times that all items published in that journal in 2006 and 2007 were cited by indexed publications during 2008.
 - B = the total number of "citable items" published by that journal in 2006 and 2007. ("Citable items" for this calculation are usually articles, reviews, proceedings, or notes; not editorials or letters to the editor).
 - (Note that 2008 impact factors are actually published in 2009; they cannot be calculated until all of the 2008 publications have been processed by the indexing agency.)

<http://www.bioxbio.com/if/>

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كل (مجموع) استنادات

- Total number of citations for this journal in the JCR year

Journal: ACADEMY OF MANAGEMENT JOURNAL

Mark	Journal Title	ISSN	Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Citable Items	Cited Half-life	Citing Half-life
	ACAD MANAGE J	0001-4273	15082	6.483	9.263	0.719	57	>10.0	>10.0

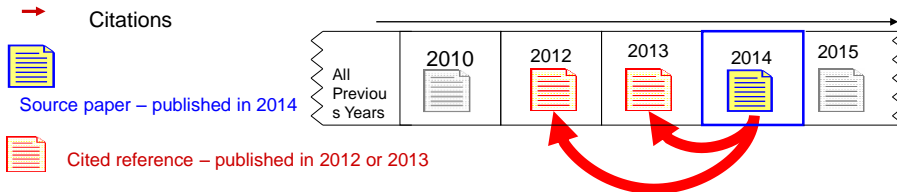
Cited Year	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999-all
# Cites from 2009	41	124	654	612	711	650	437	785	1121	1101	8846
Cumulative %	0.27	1.09	5.43	9.49	14.20	18.51	21.41	26.61	34.05	41.35	100

- Total Cites in 2009 of citations published in a particular year:

$$41+124+654+612+711 \dots + 8846 = 15082$$

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ضرب تائير (Impact Factor)



- On average, how many times an article in this journal is being cited – based on articles published in the two previous years.
- For example impact factor for year 2014:

$$\text{Impact Factor} = \frac{\text{No. of Cites to 2012 or 2013 items in 2014}}{\text{No. of items published in 2012 or 2013}}$$

- e.g.

- Citations: 600
- published articles: 150 + 150 articles

$$\Rightarrow \frac{600}{150+150} = 2$$

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ضرب تاثیر ۵ ساله (5-Year IF)

- On average, how many times an article in this journal is being cited – based on articles published in the five previous years.

Journal Metrics

Source Normalized Impact per Paper (SNIP): **2.729**

SCImago Journal Rank (SJR): **2.220**

Impact Factor: **2.810**

5-Year Impact Factor: 3.222

5-Year Journal Impact Factor

Cites in {2009} to items published in:	2008 = 124	Number of items published in:	2008 = 55
	2007 = 654		2007 = 65
	2006 = 612		2006 = 61
	2005 = 711		2005 = 60
	2004 = 650		2004 = 56
	Sum: 2751		Sum: 297

Calculation: $\frac{\text{Cites to recent items}}{\text{Number of recent items}} = \frac{2751}{297} = 9.263$

Applied Soft Computing is a rolling publication: articles are published as soon as the editor-in-chief has accepted them. Therefore, the web site will continuously be updated with new articles and the publication time will be short.

Major Topics:
The scope of this journal covers the following soft computing and related techniques, interactions between several soft computing techniques, and their industrial applications:

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SNIP

Leiden University | CWTS | CWTS B.V. | Other CWTS sites

CWTS Journal Indicators
Meaningful metrics

Home | Indicators | Methodology | Products | Contact

Journal indicators

Select subject area

Main area:

Subarea:

Select sources and sort order

Search for:

Title ISSN Publisher

Order by:

Show stability intervals

Advanced parameters

Year: Source type:

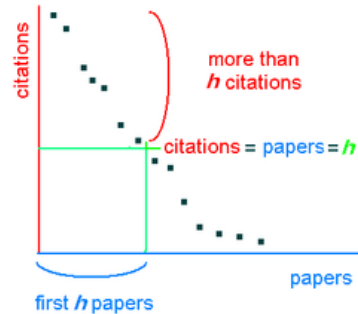
Minimum number of publications:

<http://www.journalindicators.com/>

16 SNIP: Source Normalized Impact per Paper

Scholar: h-index

- The h -index can be manually determined using free Internet databases, such as Google Scholar. Subscription-based databases such as Scopus and the Web of Knowledge provide automated calculators
- Each database produce a different h for the same scholar, different coverage in each DB
- In other words, a scholar with an index of h has published h papers each of which has been cited by others at least h times



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h -index (Example)

- Suppose that, the scientific researcher has 9 papers and these papers received 20, 15, 7, 5, 5, 4, 2, 2 citations accordingly.

Hirsch core

Articles' rank of the researcher	1	2	3	4	5	6	7	8	9
Number of citations	20	15	7	5	5	5	4	2	2

$$h = 5$$

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Scopus - Search Interface

- We can also enter Additional Search Terms, use “Limit to” Options (by year / document type / subject areas) in the Search Form

The screenshot shows the Scopus search interface with several key elements highlighted in red boxes:

- Search Bar:** The search term "environmental education" is entered. The "Keywords" dropdown is set to "Article Title, Abstract, Keywords".
- AND Operator:** The "AND" operator is selected between search fields.
- Additional Search Term:** The search field contains the text "primary school" or "primary educati".
- Limit to:** The "Date Range (inclusive)" is set to "2001" to "Present". The "Document Type" is set to "ALL".
- Subject Areas:** The "Life Sciences (> 4,300 titles)" and "Health Sciences (> 6,800 titles. 100% Medline coverage)" are selected. Other options include "Physical Sciences (> 7,200 titles)" and "Social Sciences & Humanities (> 5,300 titles)".

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A SCOPUS Detailed Record

The screenshot shows a detailed record for the article "Evaluation of primary school students' thought about and behaviors and attitudes towards environment". The page includes sections for Abstract, Author keywords, and References. Annotations are present:

- Green Box 1:** "Like SSCI, Citing Articles are Offered" - points to the "Cited by 25 documents since 1996" section.
- Green Box 2:** "Emails / RSS Alerts can also be Set Up" - points to the "Inform me when this document is cited in Scopus" section.
- Green Box 3:** "Like SSCI, Related Articles are Offered; in addition, you can choose which shared references to use" - points to the "Related documents" section.

The "Cited by 25 documents since 1996" section lists several related articles, including "A study on the quantitative analysis and evaluation of teaching quality for higher education institutions" and "Addressing the attitudinal gap: towards improving the environment: A case study from a primary school in Slovenia".

Review the development of your research area

Scopus Ingrid van de Stadt | Log out | Brought to you by Elsevier | Dayton IT

Search | Alerts | My list | Settings | Live Chat | Help and Contact | Tutorials | Quick Link Test

TITLE-ABS-KEY(organic coating) Edit Save Set alert Set feed

28,982 document results View secondary documents View 48961 patent results FSQSM ACCT level link Analyze results Sort on: Date Cited by Relevance

Search within results: C Search filters: Export Download View citation overview View Cited by More

Refine: Limit to Exclude

Year

- 2014 (641)
- 2013 (1,874)
- 2012 (1,624)
- 2011 (2,216)
- 2010 (2,228)

Author Name

- Anon. (133)
- Defforan, F. (80)
- Ferruzzi, L. (85)
- Bernevig, G.P. (82)
- Rossi, S. (60)

Subject Area

- Materials Science (15,214)
- Engineering (9,533)
- Chemistry (8,035)
- Physics and Astronomy (7,333)
- Chemical Engineering (5,866)

Document Type

- Article (20,299)
- Conference Paper (5,780)

1. Optimized design for anti-reflection coating process in roll-to-roll slot-die coating system Park, J., Shin, K., Lee, C. 2014 Robotics and Computer-Integrated Manufacturing 0

2. Surface modified polymer thin films with enhanced sensitivity to a naphthenic acid model compound. A study by quartz crystal microbalance Huang, X., Elias, A.L. 2014 Sensors and Actuators, B: Chemical 198, pp. 7-14 0 Cited by

3. Microfiltration membrane fouling of Marcellus Shale flowback potential fouling of polymeric microfiltration membranes

4. Evaporation-driven self-organization of photoluminescent poly(vinylpyrrolidone) hybrid films prepared by low-s

5. POSS end-capped diblock copolymers: Synthesis, properties

6. Study of ionic transport through metalized nanoporous membranes functionalized with self-assembled monolayers Agonafer, D.D., Oruc, M.E., Chahmani, E., Li, H., Shannan, M.A. 2014 Journal of Membrane Science 0

7. Structuring adsorbents and catalysts by processing of porous powders Akhtar, F., Andersson, L., Clausmann, S., Mullis, M. 2014 Journal of the European Ceramic Society 0

Check the phase in the life-cycle of your research topic. N.B. Decline may be caused by backlog in publication

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Choose a target journal

Scopus Ingrid van de Stadt | Logout | Brought to you by Elsevier | Dayton IT

Search | Alerts | My list | Settings | Live Chat | Help and Contact | Tutorials | Quick Link Test

Your query: TITLE-ABS-KEY(stem cells)

Analyze results Back to results

Date range: 1992 to 2014 Analyze Document results: 326,473

Year Source title Author name Affiliation name Country Document type Subject area

Source title: This chart shows the total number of documents per year for this query by Source Title.

1200
1000
800
600
400
200
0

1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014

Legend: Blood, Bone Marrow Transplantation, Experimental Hematology, Plus One

To add more source titles to the graph use the checkboxes in the right hand table. You can add up to 10 source titles to the graph.

Source Title	Documents
Blood	2152
Bone Marrow Transplantation	6112
Experimental Hematology	4180
Plus One	4100
Proceedings of the National Academy of Sciences	3554
Stem Cells	3405
British Journal of Haematology	2861
Journal of Clinical Rehabilitation	2418
Journal of Immunology	2387
Leukemia	2362
Biology of Blood and Marrow Transplantation	2284
Journal of Biological Chemistry	2222
Nature	2172
Development	1880

- Use your own references
- Check databases to find in what journals most articles on your topic were published

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بررسی اعتبار کیفی مجلات

- <http://www.scimagojr.com/>
 - رتبه بندی، تحلیل و مقایسه موضوعی مجلات و کشورها براساس آمار مستخرج از نمایه Scopus
 - بررسی کمی براساس Q1, Q2, Q3, Q4
 - بررسی اعتبار مجلات با نمایه ISI
- <http://ip-science.thomsonreuters.com/mjl/>
 - بررسی اعتبار مجلات با نمایه ISC
- mjl.isc.gov.ir

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Journal Evaluation Tools

- Ongoing quest for discipline-specific ranking for measuring 'quality'.
- Some journal evaluation tools:
 - Journal Citation Reports (Impact factor)
 - Web of Science (h-index)
 - Scopus (h-index)
 - SCImago Journal & Country Rank (SJR)
 - Other tools can be found at the Library website
 - <http://www.lib.ied.edu.hk/research/journalmetrics/index.html>
 - HKIEd Research Information Core Hub (RICH)
 - https://oraas0.ied.edu.hk/rich/web/search_publication.jsp

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SCImago journal rank

- <http://www.scimagojr.com/journalrank.php>



**SCImago
Journal & Country
Rank**

EST MODUS IN REBUS
Horatio (Satire 1.1.106)

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- Journal Rankings
- Journal Search
- Country Rankings
- Country Search
- Compare
- Map Generator
- Help
- About Us

Journal Rankings

Ranking Parameters

Subject Area:


Subject Category:

Region/Country: Year:




Order By:

Display journals with at least:


Subject Area: Computer Science.
Subject Category: Artificial Intelligence.
Year: 2014.

 Download data (Excel .xlsx)

1 - 50 of 154 << First | < Previous | Next > | Last >>

	Title	Type	SJR	H Index	Total Docs. (2014)	Total Docs. (3years)	Total Refs.	Total Cites (3years)	Citable Docs. (3years)	Cites / Doc. (2years)	Ref. / Doc.	Country
1	Foundations and Trends in Machine Learning	j	9,855	14	4	10	559	152	10	11,00	139,75	
2	IEEE Transactions on Pattern Analysis and Machine Intelligence	j	8,741	241	176	627	8.398	6.708	608	9,59	47,72	
3	International Journal of Computer Vision	j	6,298	141	135	291	5.146	1.688	277	5,62	38,12	

Related product



مجلات ایرانی با نمایه ISI

- ۶۷ مجله از بین ۱۷۵۹۴ عنوان مخالف

- http://en.journals.sid.ir/ISI_IRAN.aspx

جستجو در بین مقالات علمی پژوهشی داخلی

- <http://fa.journals.sid.ir/index.aspx>

معرفی کنفرانسهای داخلی

- <http://fa.seminars.sid.ir/ConferenceList.aspx>

معرفی برخی از مجلات معتبر

- IEEE Transactions on [Evolutionary Computation](#),
- IEEE [Computational Intelligence Magazine](#),
- IEEE Transactions on [Image Processing](#),
- IEEE Transactions on [Knowledge and Data Engineering](#),
- IEEE Transactions on [Neural Networks and Learning Systems](#), IEEE Transactions on [Pattern Analysis and Machine Intelligence](#),
- IEEE Transactions on Systems, Man, and Cybernetics
- Transactions on Cybernetics
- Transactions on Human-Machine Systems
- Transactions on Computational Social Systems
- Transactions on Human-Machine Systems

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- [Advanced Engineering Informatics](#)
- [Advances in Engineering Software](#)
- [Applied Soft Computing](#)
- [Artificial Intelligence](#)
- Engineering Applications of [Artificial Intelligence](#)
- [Chaos, Solitons & Fractals](#)
- [Computers & Electrical Engineering](#)
- [Computers & Mathematics with Applications](#)
- Data & Knowledge Engineering ([DKE](#))
- [Decision Support Systems](#)
- [Expert Systems with Applications](#)
- [Fuzzy Sets and Systems](#)
- [Image and Vision Computing](#)
- [Information and Computation](#)

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- [Information Sciences: Informatics and Computer Science Intelligent Systems Applications](#)
- [Information Systems](#)
- [International Journal of Approximate Reasoning](#)
- [Journal of Computational and Applied Mathematics](#)
- [Journal of Computer and System Sciences](#)
- [Knowledge-Based Systems](#)
- [Neural Networks](#)
- [Neurocomputing](#)
- [Pattern Recognition](#)
- [Pattern Recognition Letters](#)
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- [Simulation Modelling Practice and Theory](#)
- [Swarm and Evolutionary Computation](#)
- [Theoretical Computer Science](#)

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- [Applied Intelligence](#)
- [Artificial Life and Robotics](#)
- [Artificial Intelligence Review](#)
- [Automated Software Engineering](#)
- [Autonomous Agents and Multi-Agent Systems](#)
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- [Cognitive Processing](#)
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- [Evolving Systems](#)
- [Fuzzy Optimization and Decision Making](#)
- [Genetic Programming and Evolvable Machines](#)

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- [Journal of Automated Reasoning](#)
- [Journal of Computer Science and Technology](#)
- [Journal of Heuristics](#)
- [Journal of Intelligent Information Systems](#)
- [Journal on Data Semantics](#)
- [Knowledge and Information Systems](#)
- [Machine Learning](#)
- [Memetic Computing](#)
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- [New Generation Computing](#)
- [Soft Computing](#)
- [Swarm Intelligence](#)
- [The Journal of Supercomputing](#)

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- [Computational Intelligence](#)
- [Concurrency and Computation: Practice and Experience](#)
- [Expert Systems](#)
- [International Journal of Intelligent Systems](#)
- [Journal of Graph Theory](#)
- [Journal of Software: Evolution and Process](#)
- [Networks](#)
- [Security and Communication Networks](#)
- [Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery](#)
- [Wireless Communications and Mobile Computing](#)
- [International Journal of General Systems](#)
- [International Journal of Systems Science](#)
- [Journal of Decision Systems](#)
- [Journal of Experimental & Theoretical Artificial Intelligence](#)

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معرفی برخی از کنفرانس‌های معتبر داخلی

- کنفرانس ملی انجمن کامپیوتر ایران (SCI)
- کنفرانس بین المللی مهندسی برق ایران (ICEE)
- کنفرانس بین المللی فناوری اطلاعات و دانش (IKT)
- کنفرانس بین المللی مهندسی کامپیوتر و دانش (ICCKE)
- کنفرانس بین المللی انجمن رمز ایران (ISCISC)
- کنفرانس ماشین بینایی و پردازش تصویر (MVIP)
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