

# ELECTRONIC INFORMATION RESOURCES, CITING, DOI



Source: [www.pixabay.com](http://www.pixabay.com), Author: Gerald

**EIR - searching**



Source: [www.pexels.com](http://www.pexels.com), Author: fauxels

**EIR - metrics**



Source: [www.pixabay.com](http://www.pixabay.com), Author: Gerald

**EIR - profiles**



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**Citing**



**DOI**

# ELEKTRONIC INFORMATION RESOURCES

(searching)



- Scholarly and scientific literature in electronic form on Internet,
- Articles in journals, proceedings, dissertations, monographs...

# ELEKTRONIC INFORMATION RESOURCES

(searching)



## According to the content:

- fulltext (ScienceDirect, SpringerLink),
- bibliographic (Scopus, Web of Science),
- bibliometric (InCites).

## According to the thematic focus:

- multidisciplinary (ScienceDirect, Wiley Online Library),
- monothematic (IEEE, Detail Inspiration).

## According to the access for users:

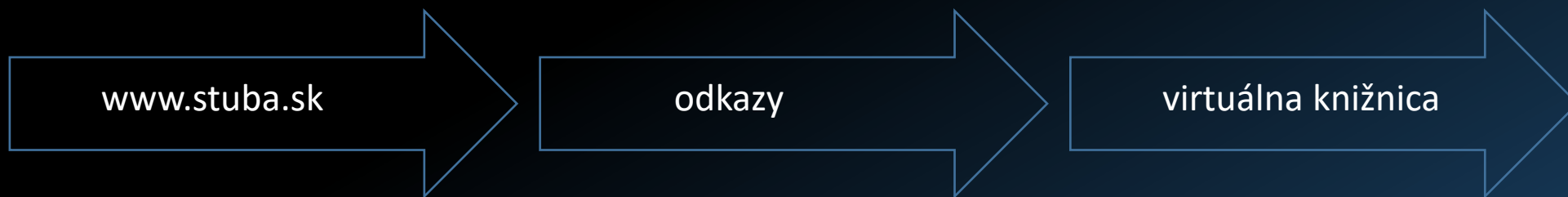
- free sources,
- open access,
- electronic information resources with licence.

# ELEKTRONIC INFORMATION RESOURCES

(searching)



Elektronic information resources at Slovak University of Technology



News:

- e-tools (Writefull, iThenticate, WOS Research Assistant...),
- digital Library Elvira (FIIT, MTF).

# ELEKTRONIC INFORMATION RESOURCES (metrics)



## PUBLISHING

JOURNAL  
- currented  
- indexed  
- impacted

Currented journal – journal in the CCC database (Current Contents Connect).

Indexed journal – journal in the Web of Science Core Collection database or in the Scopus.

Impacted journal - journal with Impact factor (Journal Citation Reports).

# ELEKTRONIC INFORMATION RESOURCES (metrics)



## PUBLISHING

JOURNAL  
- currented  
- indexed  
- impacted

WEB OF SCIENCE/JCR  
Journal Impact Faktor  
quartiles  
AIS

SCOPUS/  
SCIMAGO  
SJR  
quartiles

Transformation contracts:

- ✓ Springer Nature
- ✓ Elsevier
- ✓ IEEE

# ELEKTRONIC INFORMATION RESOURCES

(profiles)



## Identifiers/profiles:

- Web of Science Researcher ID
- ORCID
- Scopus ID

## Social networks:

- Research Gate
- Academia.edu...

# CITING

STN ISO 690: 2022 Information and documentation — Guidelines for bibliographic references and citations to information resources

Every idea, theory, graph, picture, data... that is not yours must be presented by citing its author.

Copyright Law

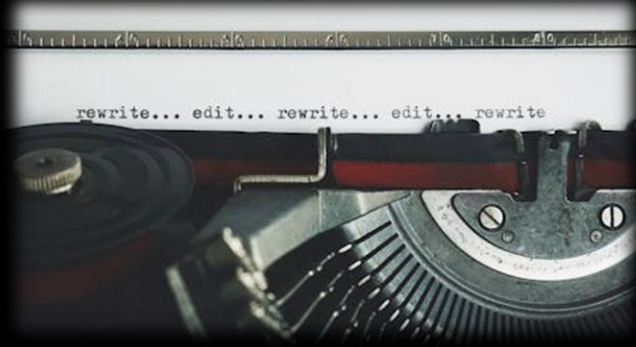
Lichnerová L. a B. Bellérová: Nové pravidlá citovania podľa ISO 690 z roku 2021

<http://doi.org/10.52036/1335793>  
[X.2023.3-4.10-22](#)



- Etical manners
- To avoid plagiarism
  - How to use AI

# CITING



**Quote** - words from a text or speech written or spoken by another person.

**Paraphrase** - expression the meaning of (something written or spoken) using different words.

**Citation** - An in-text citation is a brief notation within the text of your paper or presentation which refers the reader to a fuller notation, or end-of-paper citation, that provides all necessary details about that source of information.

**References** – the list of literature (information sources), which was cited in the text.

**Citation system** – the way how we connect in-text citation with reference at the end of the work. (Name and date system, numeric system, system of running notes)

# CITING



quote



Tu je potrebné pripomenúť slová J. A. Komenského „nech je učiteľovým zlatým pravidlom, aby všetko bolo prevádzané zmyslom, koľkým len možno. Teda veci viditeľné zraku, počuteľné sluchu, vonné čuchu, chutiteľné chuti, a hmatateľné hmatu, a ak môže byť niečo vnímané naraz viacerými zmyslami, nech je to predvádzané viacerým zmyslom“. (In I. Turek 1998, s. 208)

TUREK, I. (1998) *Zvyšovanie efektívnosti vyučovania*. Metodické centrum.

citation



Reference



# CITING



## CREATORS/AUTHORS

- If **primary creator is not an author of the text**, but has primary role by creating the information source - the role should be made explicit SLOVÁK, Adam (ed.) alebo VANEK, Peter (comp.).
- If there are **more primary creators** :
  - In inverted form except for the last one: DVORSKÁ, Petra; BARTOVÁ, Anna a Zuzana BELICOVÁ
  - Or the first in inverted form and remaining authors in direct form: DVORSKÁ, Petra; Anna BARTOVÁ a Zuzana BELICOVÁ
- If there are **up to five** creators of equal status, their names shall be given in the reference.
- If there are **6 or more** creators: DVORSKÁ, Petra et. al.
- When using initials, separate them with a period and a space. : BURCHARD, J. E.

# CITING



## PUBLISHER AND DATE OF PUBLICATION

- The place of issue is required.
- The name of a publisher is required, except of citing journal articles.
- If a publisher is unknown, an indication such as [s. n.] or [publisher not known], or [b. v.]. may be provided.
- Publication year should be given. If no date can be given, [s. a.], or [n. d.] or an equivalent in the language of the publication may be supplied.

## Part cited

- The reference should identify the part of the information resource that is cited:
  - Roč. 6 (1999), č. 5, s. 5-10
  - Vol. 6 (1999), no. 5, p. 5-10
  - Jg. 6 (1999), Nr. 7, S. 5-10

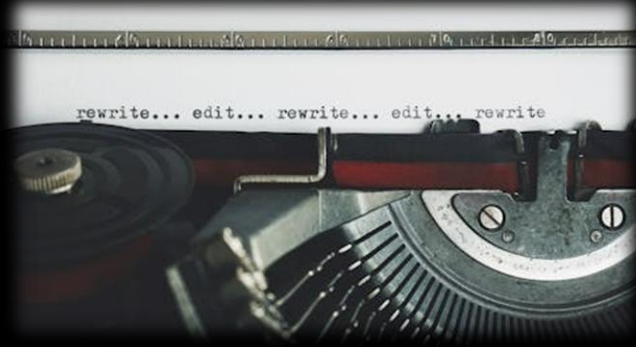
# CITING



## NETWORK LOCATION AND DATE OF CITATION

- An appropriate data element label, such as „available from“ or „network access location“ and hyperlink such http or https URI
  - available from: <https://www.euroekonom.sk/informacie-udaje-data/>.
- If the cited information resource has a persistent identifier (PID) such as ARK, DOI name, Handle or URN, it shall be included in the reference.
- Appropriate data element labels such as [date of citation/viewed/accessed](#) or equivalent terms in the language of the publication, should be applied.
  - [accessed 2022-01-14]
  - [date of citation 2022-01-14]
  - [viewed 2022-01-14]

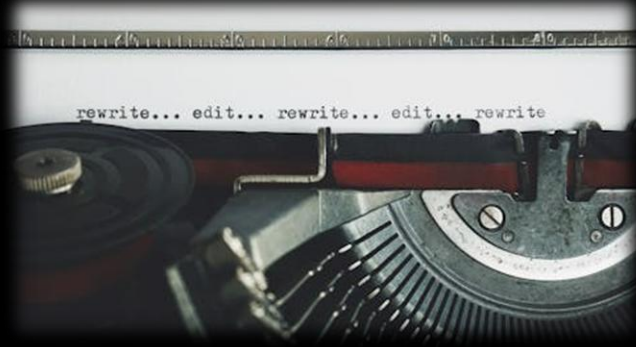
# CITING



## ADDITIONAL INFORMATION

- Formats and resource types are indicated without square brackets, with a capital letter after a document title, for example. Online. Dataset.
- An edition number shall be provided if the information resource is of a second edition or higher..
- ISBN a ISSN are not required.
- The bibliographic reference ends with a period.

# CITING examples



## MONOGRAPHS, AUDIOBOOKS, E-BOOKS

- Simple monographs:

FARRAR, Frederic William. *Eric, or Little by Little: a tale of Roslyn School*. Hamilton, 1971.

HAMILTON, Alastair; Sjouke VOOLSTRA, and Pietr VISSER (eds.). *From martyr to muppy (Mennonite urban professionals): a historical introduction to cultural assimilation processes of a religious minority in the Netherlands, the Mennonites*. Amsterdam University Press, 1994.

- Online monographs:

PEKARČÍKOVÁ, Jana. *Slovenčina ako cudzí jazyk: predmet aplikovanej lingvistiky*. Online. Stimul, 2020. Available from: <https://dspace.uniba.sk/xmlui/handle/123456789/24>. [viewed 2023-03-14].

# CITING examples



## MONOGRAPH COMPONENT PARTS

- Component parts of a simple monograph, proceeding:

SMITH, C. Problems of information studies in history. In: S. STONE (ed.). *Humanities information research*. CRUS, 1980, s. 27-30.

- Component parts of an online monograph, proceeding:

RYBANSKÁ, Lucia. Pozdvihovanie povedomia v oblasti transferu technológií vo vedeckovýskumných inštitúciách. In: Adriana SHEARMAN (ed.). *Cooperation Innovation Technology Transfer (COINTT)*. Online. Centrum vedecko-technických informácií Slovenskej republiky, 2021, s. 11-12. Available from: <https://cointt.sk/wp.content/uploads/2022/05/ZBORNIKCOINTT2021.pdf>. [viewed 2022-10-10].

- Web site component

Internet forum. [2020-06-21]. In: Wikipedia (distribútor). Online. Available from: [https://en.wikipedia.org/wiki/internet\\_forum](https://en.wikipedia.org/wiki/internet_forum). [viewed 2023-01-27].

# CITING examples



## SERIALS AND THEIR COMPONENT PARTS

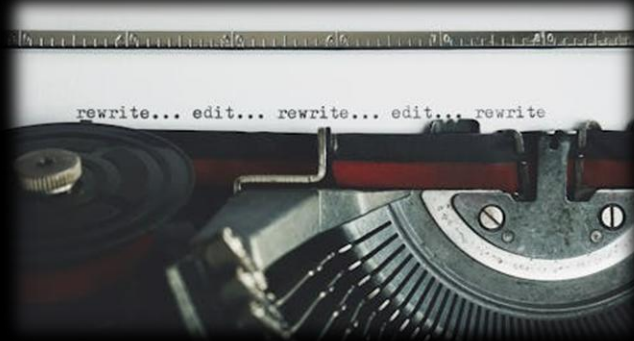
- Journal article:

KUCIANOVÁ, Anna. Porovnanie verzií MDT roka 1997 a 2001. *Knižnica*, roč. 4 (2003), č. 11 – 12, s. 547 – 551.

- Online journal article:

STRINGER, John A. et al. *Reduction of RF-induced sample heating with a scroll coil resonator structure for solid-state NMR probes*. Online. *Journal of Magnetic Resonance*, vol. 173 (March 2005), no. 1, s. 40 – 48. Available from: <https://doi.org/10.1016/j.jmr.2004.11.015>. [viewed 2021-09-09].

# CITING examples



## STANDARDS

STU in Bratislava and the Slovak Office of Standards, Metrology and Testing have signed an **agreement** for the provision of the STN-online service.

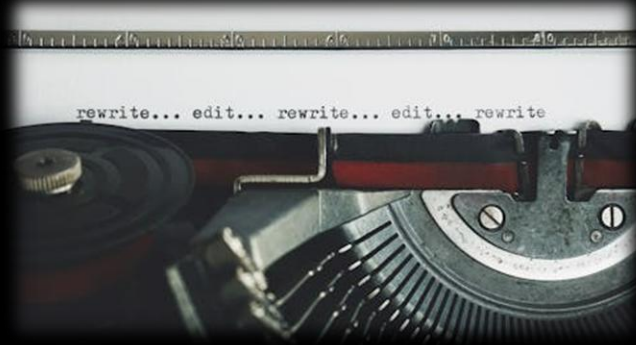
- Access in STU libraries
- **Free-of-charge quotation of standards** – consent to the free-of-charge quotation of the essential/non-essential part of the STN and TNI § 14 (6) of Act No. 60/2018 Coll. on technical standardization.

ÚRAD PRE NORMALIZÁCIU, METROLÓGIU A SKÚŠOBNÍCTVO SLOVENSKEJ REPUBLIKY. STN ISO 690: 2022, *Informácie a dokumentácia – Návod na tvorbu bibliografických odkazov na informačné pramene a ich citovanie.*

INTERNATIONAL TELECOMMUNICATIONS UNION (ITU). Recommendation ITU-T E.119, *Requirements for safety confirmation and broadcast message service for disaster relief.*

CALCONNECT. CC 18012:2019, *Date and time – General recurrence representation.* Online. 2018. Available from: CalConnect Document Registry, <https://standards.calconnect.org/csd/cc-18012.html>. [viewed 2019-09-06]

# CITING



## CITATION SYSTEMS

1. Name and date system (Harvard system)
2. Numeric system
3. Named tag system
4. Running notes
5. Implied system

# CITING



## CITATION SYSTEM – Harvard system (Name and date system)

### Citation in text:

The notion of an invisible college has been explored in the sciences (Crane 1972).

### Reference:

CRANE, D. (1972). *Invisible Colleges*. University of Chicago Press.

# CITING



## CITATION SYSTEMS – Numeric system

### Citation in text:

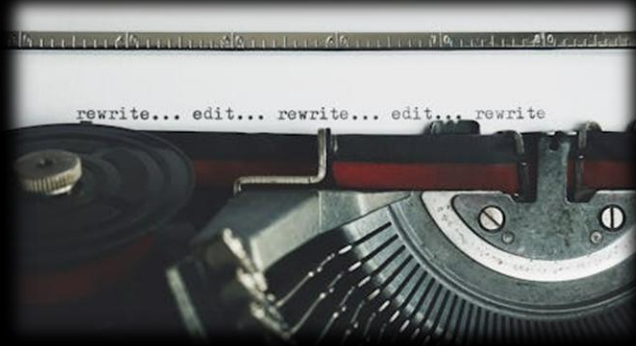
The notion of an invisible college has been explored in the sciences (5).

### Reference:

..

5. CRANE, D. *Invisible Colleges*. University of Chicago Press, 1972.

# CITING



## CITATION SYSTEMS – Named tag system

### Citation in text:

The notion of an invisible college has been explored in the sciences. [INV] Its absence among historians is noted by Stieg [HISTNEEDS].

### References:

..

[INV] CRANE, D. *Invisible Colleges*. University of Chicago Press, 1972.

[HISTNEEDS] STIEG, M. F. The information needs of historians. *College and Research Libraries*, vol. 42 (1981), no. 6, pp. 549-560.

# CITING



## CITATION SYSTEMS – Running notes

### Citation in text:

The notion of an invisible college has been explored in the sciences (32). Its absence among historians is noted by Stieg (33).

### References:

..

15. STIEG, M. F. The information needs of historians. *College and Research Libraries*, vol. 42 (1981), no. 6, p. 549-560.

..

32. CRANE, D. *Invisible Colleges*. University of Chicago Press, 1972.

33. STIEG, ref. 15, p. 556.

# CITING



## CITATION SYSTEMS – Implied system

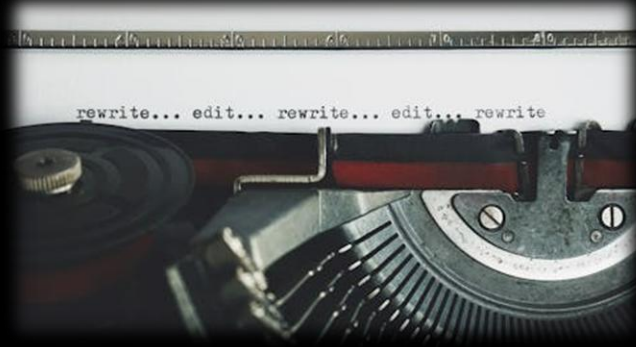
### Citation in text:

The notion of an invisible college has been explored in the sciences [26]. Its absence among historians is noted by Stieg [13 p. 556]. A successful example of such collaboration can be found in IETF RFC 3113.

### References:

- ..
- [3] IETF RFC 3113, 3GPP-IETF Standardization Collaboration.
- ..
- [13] STIEG, M. F. The information needs of historians. *College and Research Libraries*, vol. 42 (1981), no. 6, pp. 549-560.
- ..
- [26]. CRANE, D. *Invisible Colleges*. University of Chicago Press, 1972.

# CITING

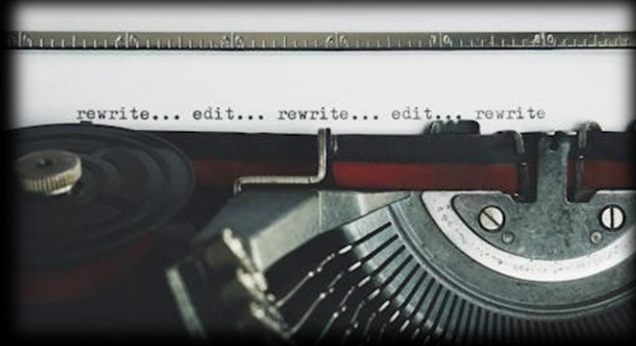


Citation manager allows to:

- formate bibliography in ISO 690 and other citation styles,
- integrate citations and build references,
- import citations from other databases and sources,
- collect and organize citations in folders,
- share with other users.

CitacePro, EndNote, Refworks, Zotero, Mendeley...

# CITING



- Journals have their own references and citation style, which can be found in „Guide for authors“.
- Peer review – antiplagiarism softwares.

# CITING



## USE OF ARTIFICIAL INTELLIGENCE AT THE SLOVAK UNIVERSITY OF TECHNOLOGY IN BRATISLAVA (Measure No. 1/2024 – O, dated 27 November 2024)

- Basic information about the use of artificial intelligence at STU.
- Definition of academic and scientific integrity.
- Recommendations for the use of artificial intelligence at STU.

# CITING



## USE OF ARTIFICIAL INTELLIGENCE AT THE SLOVAK UNIVERSITY OF TECHNOLOGY IN BRATISLAVA (Measure No. 1/2024 – O, dated 27 November 2024)

Students can use the GUI for the following activities without the need for declaration:

- grammar checking,
- text correction,
- outline creation,
- information gathering,
- using computational methods and softwares with UI elements.

Using GUI for following activities must be declared at the end of the text:

- translations between languages,
- creation of summaries and literature reviews,
- quoting GUI responses,
- creation of computer programs,
- creation of graphic content and images.

STU does not recommend using GUI for following activities:

- formulating original ideas,
- answering tests and exams,
- activities in early educational phases that serve to build basic skills and theoretical knowledge.

# CITING



## USE OF ARTIFICIAL INTELLIGENCE AT THE SLOVAK UNIVERSITY OF TECHNOLOGY IN BRATISLAVA (Measure No. 1/2024 – O, dated 27 November 2024)

### Examples:

*OpenAI (2024), ChatGPT, section 2.1, text generation*

*OpenAI (2024), ChatGPT, section 5.4, code generation for result visualization, Python language*

*Google, Gemini (2024), obtaining experimental data for the experiment in section 7.2.3*

*DeepL (2024), <https://www.deepl.com/en/translator>, translations of several parts of the text*

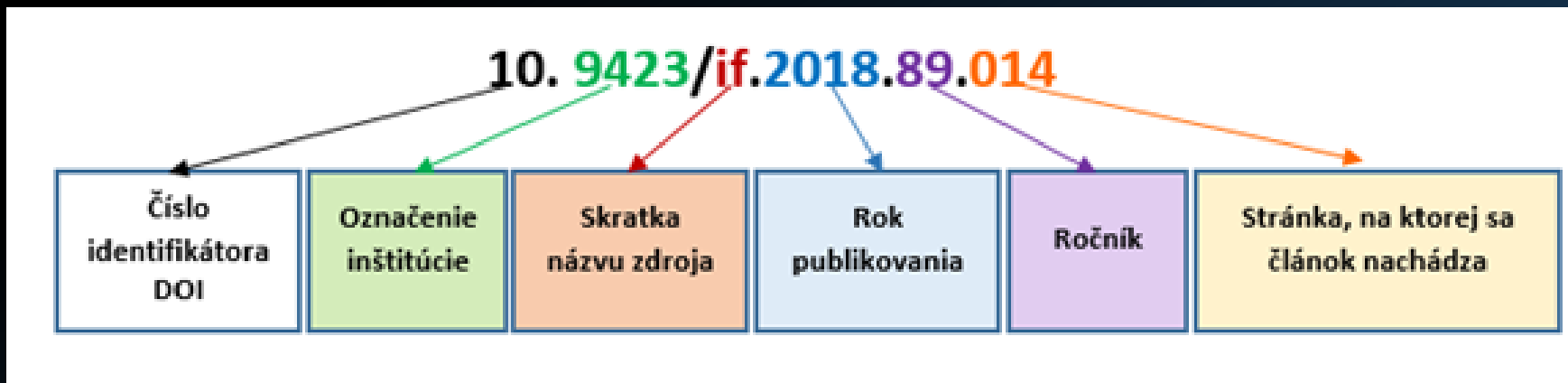
*Grammarly, <https://app.grammarly.com>, grammar correction of the whole text*

DOI



DOI = digital object identifier

- A DOI (Digital Object Identifier) is a unique and never-changing string assigned to online (journal) articles, books, and other works.



DOI



Crossref was founded in 2000 by a group of publishers who needed an efficient method to connect their journal articles. So began the use of DOIs to provide a way to link references between articles, making it easier for a reader to locate items that are cited. Using a DOI to identify content provides a unique and persistent link (= response page) that stays with the item even if its website changes. Response page contains bibliography record of the article (with pdf fulltext or linking to the fulltext...)

DOIs are assigned by the non-profit agency Crossref (or registration agencies authorized by it) on the basis of a closed membership between the agency and e.g. publishers, universities, etc.

DOI



<https://aip.scitation.org/doi/full/10.1063/5.0100797>

<http://doi.org/10.22306/al.v9i1.261>

<http://doi.org/10.18421/TEM113-01>

<https://doi.org/10.1016/j.snb.2022.132689>

## References:

DOBBERSTEINOVÁ, Jitka, HUDECOVÁ, Simona a Zuzana STOŽICKÁ. *Spríevodca svetom vedeckého publikovania*. Učebný text pre kurz Publikačný poradca. CVTI SR, 2018.

LICHNEROVÁ, Lucia a Beáta BELLÉROVÁ. *Nové pravidlá citovania podľa ISO 690 z roku 2021*. Online. Itlib – informačné technológie a knižnice, č. 1 (2024). Dostupné na: [https://itlib.cvtisr.sk/wp-content/uploads/2024/01/10-22\\_Lichnerova-%E2%80%93Bellerova.pdf](https://itlib.cvtisr.sk/wp-content/uploads/2024/01/10-22_Lichnerova-%E2%80%93Bellerova.pdf) [cit. 2024-09-05].

MURÁŇOVÁ, K. *Citovanie a práca s citačnými manažérmi*. Pomôcka na kurz Elektronické informačné zdroje pre vedu - Publikačný poradca. Online. CVTI SR, 2020. Dostupné na: [https://eiz.cvtisr.sk/wp-content/uploads/2020/02/Publikacny\\_Poradca\\_E\\_Citovanie-a-pr%C3%A1ca-s-cita%C4%8Dn%C3%BDmi-mana%C5%BE%C3%A9rmi.pdf](https://eiz.cvtisr.sk/wp-content/uploads/2020/02/Publikacny_Poradca_E_Citovanie-a-pr%C3%A1ca-s-cita%C4%8Dn%C3%BDmi-mana%C5%BE%C3%A9rmi.pdf) [cit. 2024-09-18].

ÚRAD PRE NORMALIZÁCIU, METROLÓGIU A SKÚŠOBNÍCTVO SLOVENSKEJ REPUBLIKY. STN ISO 690: 2022, *Informácie a dokumentácia – Návod na tvorbu bibliografických odkazov na informačné pramene a ich citovanie*.

eiz.cvtisr.sk [cit. 2024-06-15]

*Používanie umelej inteligencie na Slovenskej technickej univerzite v Bratislave*, 27.11.2024. Opatrenie číslo: 1/2024 – O. Dostupné na: [https://www.stuba.sk/buxus/docs/stu/pracoviska/rektorat/odd\\_pravne\\_organizacne/28.11.2024%20opatrenie\\_AI-signed.pdf](https://www.stuba.sk/buxus/docs/stu/pracoviska/rektorat/odd_pravne_organizacne/28.11.2024%20opatrenie_AI-signed.pdf) [cit. 2025-08-19].

*OpenAI (2024), ChatGPT*

## Pictures:

www.pixabay.com, Author: Gerald

www.pexels.com, Author: fauxels

www.pexels.com, Author: Suzy Hazelwood

Thank you for your attention.

alena.vaclavova@stuba.sk  
September 2025