

## LAMPIRAN-LAMPIRAN

Lampiran 1. Pencarian Artikel Penelitian Pada Laman DOAJ

The screenshot shows the DOAJ (Directory of Open Access Journals) search interface. At the top, the DOAJ logo is on the left, and 'SUPPORT', 'APPLY', and 'SEARCH' links are on the right. Below the header, the word 'Articles' is displayed with a help icon. A search bar contains the text '"critical thinking assessment"' and a dropdown menu is set to 'All fields'. A search button with a magnifying glass icon is on the right. Below the search bar, there is a 'SHARE OR EMBED' button. The main content area shows '20 indexed articles'. On the left, there is a 'Refine search results' section with a 'SUBJECTS' dropdown menu. The subjects listed are 'Music and books on Music', 'Naval Science', and 'Philosophy. Psychology.'. In the center, there is a 'Sort by' dropdown menu set to 'Relevance' and a 'Results per page' dropdown menu set to '10'. A large watermark of the 'UNIVERSITAS PENDIDIKAN GANESHA' logo is overlaid on the page. At the bottom, there is a navigation bar with '« First', '< Prev', 'Page 1 of 2', and 'Next >' buttons. Below the navigation bar, there is a section for 'JOURNAL OF ADVOCACY, RESEARCH AND EDUCATION (SEPT 2018)' with a 'Read online' link and 'About the Journal' link.

Lampiran 2. Pencarian Artikel Penelitian Pada Laman Microsoft Academic

The screenshot shows the Microsoft Academic search interface. At the top, the search query is "Critical thinking assessment". The results are sorted by relevance and show three articles. On the left, there are filters for Time (1997-2021), Top Topics (Assessment instrument, Critical thinking, Teaching philosophy, Applied philosophy, Engineering ethics, Medicine, Mathematics education, Psychology, Higher education, Pedagogy), and Publication Types (Journal publications, Other). On the right, there is a sidebar for "Critical thinking" with a definition and related topics like Pedagogy, Mathematics education, Epistemology, Critical systems thinking, Critical thinking skills, and Critical thinking disposition.

**Microsoft Academic** "Critical thinking assessment" X 🔍 🔖 Sign up / Sign

TER BY: 1 CLEAR ALL Showing 1-6\* of 6 (3449 records) VIEW SORT BY: RELEVANCE

**Time**  
1997-2021

**Top Topics**

- Assessment instrument
- Critical thinking
- Teaching philosophy
- Applied philosophy
- Engineering ethics
- Medicine
- Mathematics education
- Psychology
- Higher education
- Pedagogy

**Publication Types**

- Journal publications
- Other

**1** **TACTS™: Developing a New Critical Thinking Assessment Instrument** 22 citations\*  
2010 INQUIRY: CRITICAL THINKING ACROSS THE DISCIPLINES  
Frank Fair, John Miller, Valerie Musham, Wendy Elliott  
Critical thinking Engineering ethics View More (4+)

**2** **Critical Thinking Assessment of College Students** 13 citations\*  
1997 JOURNAL OF COLLEGE READING AND LEARNING  
Anthony J. Aretz, M. Todd Selen, Kimberly E. Devereux  
Critical thinking Learning environment View More (3+)  
This paper presents a framework for the assessment of critical thinking in college students. Unfortunately, due to the complex nature of critical thinking and the lack of a consensus definition, no single assessment instrument completely captures critical thinking ability. As a result, we propose a ... View Full Abstract

**3** **The Development of Critical Thinking Assessment Instruments on Thematic Learning of Life Events in the Fifth Class of Elementary School Students** 0 citations\*

**Critical thinking**  
Critical thinking is the analysis of facts to form a judgment. The subject is complex, and several different definitions exist, which generally include the rational, skeptical, unbiased analysis, or evaluation of factual evidence. Critical thinking is self-directed, self-disciplined, self-monitored, ... MORE

**PARENT TOPICS**

- Pedagogy
- Mathematics education
- Epistemology

**CHILD TOPICS**

- Critical systems thinking
- Critical thinking skills
- Critical thinking disposition

View More (7+)

**RELATED TOPICS**

### Lampiran 3. Pencarian Artikel Penelitian Pada Laman ERIC

The screenshot shows the ERIC website search interface. At the top left is the ERIC logo. The search bar contains the text "Critical thinking assessment" and has a "Search" button. To the right of the search bar are links for "Notes", "FAQ", and "Contact Us". Below the search bar, there are filters for "Peer reviewed only" and "Full text available on ERIC". A "Reports - Research" tag is visible. The search results are displayed in a list format, showing the first three results. Each result includes a title, author information, a brief abstract, and options for "Peer reviewed" and "Download full text".

**ERIC** Collection Thesaurus

"Critical thinking assessment" Search [Advanced Search Tips](#)

Peer reviewed only  Full text available on ERIC

Reports - Research

Showing 1 to 15 of 65 results [Save](#) | [Export](#)

**PUBLICATION DATE**

In 2021	1
Since 2020	6
Since 2017 (last 5 years)	25
Since 2012 (last 10 years)	50
Since 2002 (last 20 years)	96

**DESCRIPTOR**

Critical Thinking	57
Thinking Skills	29
Foreign Countries	20
College Students	17
Teaching Methods	17
Undergraduate Students	16
Skill Development	13
Student Attitudes	12
Student Evaluation	12
Cognitive Tests	11
Pretests/Posttests	10

[More ▼](#)

**SOURCE**

American Journal of...	2
Assessment & Evaluation in...	2
Instructional Science: An...	2
Journal of Agricultural...	2
Journal of College Science...	2
Journal of Education and...	2
Journal of the Scholarship of...	2
Advances in Engineering...	1
Advances in Physiology...	1
Anatomical Sciences Education	1
Accredited Measurement in...	1

[More ▼](#)

**A Critical Thinking Assessment Model Integrated with Science Process Skills on Chemistry for Senior High School**  
Kriswanto; Kartowagiran, Badrun; Rinaeti, Eli – European Journal of Educational Research, 2021  
Every school should be able to equip students to have the ability to integrate the knowledge gained with real life. In responding to global challenges, Assessment of learning outcomes in the form of cognitive and skill aspects must go hand in hand. This study aims to produce: (1) a critical thinking model integrated with the science process, (2)...

Descriptors: Critical Thinking, Student Evaluation, Evaluation Methods, Science Process Skills

[Peer reviewed](#)  
[Download full text](#)

**Thinking Critically about Critical Thinking: Validating the Russian HEIghten® Critical Thinking Assessment**  
Shaw, Amy; Liu, Ou; Lydia; Gu, Lin; Kardonova, Elena; Chirkov, Igor; Li, Guorong; Hu, Shangleng; Yu, Ningning; Ma, Liping; Guo, Fei; Su, Qi; Shi, Jinghuan; Shi, Henry; Loyalka, Prashant – Studies in Higher Education, 2020  
Critical thinking has been identified as a crucial general skill contributing to academic and career success in the twenty-first century. With the increasing demands of the modern workplace and a global trend of accountability in higher education, educators and employers pay great attention to the development of students' critical thinking skills...

Descriptors: Critical Thinking, College Students, Thinking Skills, Russian

[Peer reviewed](#)  
[Direct link](#)

**Adapting the Critical Thinking Assessment Test for Palestinian Universities**  
Basha, Sami; Drane, Denise; Light, Gregory – Journal of Education and Learning, 2016  
Critical thinking is a key learning outcome for Palestinian students. However, there are no validated critical thinking tests in Arabic. Suitability of the US developed Critical Thinking Assessment Test (CAT) for use in Palestine was assessed. The test was piloted with university students in English (n = 30) and 4 questions were piloted in Arabic...

Descriptors: Critical Thinking, English (Second Language), English Language Learners, Thinking Skills

[Peer reviewed](#)  
[Download full text](#)

**Assessing College Critical Thinking: Preliminary Results from the Chinese HEIghten® Critical Thinking Assessment**  
Liu, Ou; Lydia; Shaw, Amy; Gu, Lin; Li, Guorong; Hu, Shangleng; Yu, Ningning; Ma, Liping; Xu, Changqing; Guo, Fei; Su, Qi; Kardonovaj, Elena; Chirkov, Igor; Shi, Jinghuan; Shi, Zhaoli; Wang, Huan; Loyalka, Prashant – Higher Education Research and Development, 2018  
Assessing student learning outcomes has become a global trend in higher education. In this paper, we report on the validation of the Chinese HEIghten® Critical Thinking assessment with a nationally representative sample of Electrical Engineering and Computer Science students from 35 institutions in China. Key findings suggest that there was a test...

[Peer reviewed](#)  
[Direct link](#)

#### Lampiran 4. Pencarian Artikel Penelitian Pada Laman SINTA

The screenshot shows the SINTA website interface. At the top, there is a navigation bar with links for HOME, ABOUT, AUTHORS, SUBJECTS, APLICATIONS, SOURCES, REGISTRATION, and FAQ. A search bar is located on the right side of the navigation bar. Below the navigation bar, the main content area displays the number of researches (112712) and the SINTA logo. A search bar is present, and the search results for 'tes berpikir kritis' are shown. The results are displayed in a table format with columns for Research Title and Funding Sponsor. Two research entries are visible, both titled 'PENGEMBANGAN TES BERPIKIR KRITIS DENGAN MENGGUNAKAN ITEM RESPONSE THEORY' and funded by 'Riset Aksi'.

Research Title	Funding Sponsor
PENGEMBANGAN TES BERPIKIR KRITIS DENGAN MENGGUNAKAN ITEM RESPONSE THEORY Skema Penelitian Desain Tindakan (PTDI)   Source: <a href="#">Scribd.com</a> Fajarwati, Wawan Hendriani, Belian Gressy Septanti, Dewi Aprianti This journal : 2015 This pekiakanan : 2016 Data Diunggah : Pg. 50,000,000.00	Riset Aksi
PENGEMBANGAN TES BERPIKIR KRITIS DENGAN MENGGUNAKAN ITEM RESPONSE THEORY Skema Penelitian Desain Tindakan (PTDI)   Source: <a href="#">Scribd.com</a> Fajarwati, Wawan Hendriani, Belian Gressy Septanti This journal : 2014 This pekiakanan : 2015 Data Diunggah : Pg. 50,000,000.00	Riset Aksi

Lampiran 5. Daftar Artikel Penelitian yang Dianalisis dan Link Akses

No	Peneliti	Judul Penelitian	Nama Jurnal	Link Akses
1	(Rosnawati et al., 2015)	A Formative Assessment Model of Critical Thinking in Mathematics Learning in Junior High School	Research and Evaluation in Education	<a href="https://journal.uny.ac.id/index.php/reid/article/view/6472/0">https://journal.uny.ac.id/index.php/reid/article/view/6472/0</a>
2	(Gittens, 2015)	Assessing Numeracy in the Upper Elementary and Middle School Years	Numeracy	<a href="https://digitalcommons.usf.edu/cgi/viewcontent.cgi?article=1159&amp;context=numeracy">https://digitalcommons.usf.edu/cgi/viewcontent.cgi?article=1159&amp;context=numeracy</a>
3	(Köksal, 2016)	Development of a Culture Specific Critical Thinking Ability Test and Using It as a Supportive Diagnostic Test for Giftedness	Acta Didactica Napocensia	<a href="https://eric.ed.gov/?id=EJ1121990">https://eric.ed.gov/?id=EJ1121990</a>
4	(Haynes et al., 2016)	Moving beyond Assessment to Improving Students' Critical Thinking Skills: A Model for Implementing Change	Journal of the Scholarship of Teaching and Learning	<a href="https://files.eric.ed.gov/fulltext/EJ1112487.pdf">https://files.eric.ed.gov/fulltext/EJ1112487.pdf</a>
5	(Schendel & Tolmie, 2017)	Beyond Translation: Adapting a Performance-Task-Based Assessment of Critical Thinking Ability for Use in Rwanda	Assessment & Evaluation in Higher Education	<a href="https://eric.ed.gov/?id=EJ1141596">https://eric.ed.gov/?id=EJ1141596</a>
6	(Grant & Smith, 2018)	Quantifying Assessment of Undergraduate Critical Thinking	Journal of College Teaching & Learning	<a href="https://files.eric.ed.gov/fulltext/EJ1186125.pdf">https://files.eric.ed.gov/fulltext/EJ1186125.pdf</a>

7	(Widana, et al., 2018)	Higher Order Thinking Skills Assessment towards Critical Thinking on Mathematics Lesson	International Journal of Social Sciences and Humanities	<a href="https://sciencescholar.us/journal/index.php/ijssh/article/view/74">https://sciencescholar.us/journal/index.php/ijssh/article/view/74</a>
8	(Zulfaneti, et al., 2018)	Enhancing Students' Critical Thinking Skills Through Critical Thinking Assessment in Calculus Course	Journal of Physics: Conference Series	<a href="https://iopscience.iop.org/article/10.1088/1742-6596/948/1/012031">https://iopscience.iop.org/article/10.1088/1742-6596/948/1/012031</a>
9	(Fasha, et al., 2018)	Peningkatan Kemampuan Pemecahan Masalah Dan Berpikir Kritis Matematis Siswa Melalui Pendekatan Metakognitif	Didaktik Matematika	<a href="http://jurnal.unsyiah.ac.id/DM/article/view/11995">http://jurnal.unsyiah.ac.id/DM/article/view/11995</a>
10	(Muslimahayati, 2020)	Pengembangan Soal Kemampuan Berpikir Kritis Berbasis Kearifan Local Sumatera Selatan Pada Materi Trigonometri	AKSIOMA	<a href="https://ojs.fkip.ummetro.ac.id/index.php/matematika/article/view/2459">https://ojs.fkip.ummetro.ac.id/index.php/matematika/article/view/2459</a>
11	(Tanujaya et al., 2020)	Mathematics Students' Hots Assessment	AKSIOMA	<a href="https://ojs.fkip.ummetro.ac.id/index.php/matematika/article/view/3107">https://ojs.fkip.ummetro.ac.id/index.php/matematika/article/view/3107</a>
12	(Reynderse et al., 2020)	Rubrics to assess critical thinking and information processing in undergraduate STEM courses	International Journal of STEM Education	<a href="https://eric.ed.gov/?id=EJ1250388">https://eric.ed.gov/?id=EJ1250388</a>