How do EFL university student-writers prepare their draft? An analysis of writing strategy use in EFL writing instruction

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ABSTRACT

The use of writing strategy across writing levels in a virtual EFL writing course was still rarely found in the literature. To fill this gap, therefore, this current research aims at exploring writing strategy in EFL writing instruction. Informed by a research framework of descriptive case study, university student-writers who regularly attended a virtual academic writing course filled out the online writing strategy inventory (Yang & Plakans, 2012) and submitted the argumentative essays. The findings show that the writing strategy was diverse across levels. At the stage of before drafting the essay, all student-writers reread task requirement and understood the type of essay and organization, searched for valid references, and tried to avoid plagiarism. Moreover, student-writers with higher levels also summarized ideas, analyzed sentences and contents, and made writing plan. At drafting the essay, they double checked the requirement, revised the essay, reread the essay and the sample texts, and provided valid arguments. However, student-writer with lowest level was not used those strategies. At the stage of after drafting, student-writers in all levels applied similar several writing strategies. However, not all of them added new points from sample texts, references, and lecture. To the student-writer with the lowest level, several writing strategies were not applied. This may indicate that student-writers with higher levels have writing awareness to use writing strategy effectively to improve their essay. Then, it can be

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drawn a conclusion that the more writing strategies used during drafting the essay, the more score and the higher quality of the essay was possibly achieved.

**Keywords:** EFL writing; Writing strategy; Writing instruction; University students

1. Introduction

Seeing English as foreign language writing (hereafter EFL writing) from the view of student-writers brings a sense of struggles in some areas, such as linguistic, cognitive, and psychological constraints (Rahmatunisa, 2014), such as lack of ideas and uncertain linguistic strategy (Rao, 2007) as well as cultural problems (Zhang, 2018). It is unquestionable that, for EFL student-writers, writing activity can be a challenging and stressful task (Zhu, 2001) and the most difficult skill to learn (Hamed, 2014; Setyowati, Sukmawa, & Latief, 2017; Widiati & Cahyono, 2006). As a number of mistakes found in students’ essays, some of their writing products seemingly presented poor structure and flow with the lack of literature supports and too descriptive rather than critical/reflective writing (West, Malcolm, Keywood, & Hill, 2019). It may indicate they do not prepare their drafts in ways that meet the writing task requirement, such as selecting topics, providing solid evidence/supports, and structuring the text. An effective student-writer is consciously aware that, to achieve a well-organized text with strong arguments, a writing strategy needs to be applied when drafting the text. The writing strategy then refers to some techniques used by the writers during the process of writing to control its quality (De Silva, 2015; Okasha & Hamdi, 2014).

Extensive researches and studies have been conducted to explore writing strategies in terms of various techniques used, its effectiveness, and its implication among learner attributes. Pre-writing strategy in three-time dimensions: before writing, during writing, and during revision brings significant effects on writing achievement and performance (De Silva, 2015; Mahnam & Nejadansari, 2012). The instruction of writing strategy might be resulted in the higher quality of students’ essays (Al-Shaer, 2014). On the other hand, some studies also found that brainstorming (i.e., listing, outlining, question and answer) as the pre-writing strategies did not provide significant effect among male and female student-writers. Moreover, university Thai EFL students preferred to use cognitive strategies during writing, and it was no significant relations between the use of writing strategy and writing achievement (Apridayani, Yungkun, Thoch, & Ruththong, 2021).

Despite the extensive investigations on writing strategy in EFL writing class, the techniques used by the learners during writing are unique and context-specific (Hu & Chen, 2007). Brainstorming and cognitive methods are widely employed as strategies in face-to-face learning systems when drafting a writing work. However, studies dealing with writing approach across writing levels in a virtual course are still uncommon. Indeed, the study to investigate how student-writers prepare their drafts may aid writing faculties/instructors in gaining a deeper understanding of how student-writers learn to
write; hence, this may implicate faculties/instructors in creating writing activities in virtual classrooms. Hence, this present research was addressed to answer the following question: what are writing strategies used by the university student-writers across writing levels in drafting and preparing their argumentative essays during EFL virtual writing course?

2. Literature review

2.1. EFL writing instruction

The landscapes of foreign writing instruction naturally came from diverse teaching and learning contexts, and their theoretical discussions were mostly underpinned by research in L1 composition and ESL contexts (Bhowmik, 2009). Writing can be viewed at least in three perspectives: writing as a product, writing as a process and writing as a social activity (Widiati & Cahyono, 2006). Then, it leads to teaching writing methodology (i.e., product approach, process approach, genre-based approach) (Badger & White, 2000; Widiati & Cahyono, 2006). At the classroom level, EFL writing contexts are diverse with unique characteristics and, various cultural and socio-political situations (Bhowmik, 2009).

Specifically, in Indonesia, teaching EFL writing contexts has brought uniqueness and context-specific related to its policy and challenges. EFL writing has been a part of English subject at schools and taught based on the policy on the level of educational institutions (Widiati & Cahyono, 2006). Many student-writers in Indonesia seem to experience a high level of anxiety when writing in English (Wahyuni & Umam, 2017). The challenges are usually found in three aspects, such as linguistic, cognitive, and psychological problems (Rahmatunisa, 2014). Particularly in the academic settings, Juliaty (2019) reported that novice student-writers might have weak identity reflection and struggled in adjusting and engaging in academic environment due to a lack of exposure, familiarity, and understanding toward academic writing culture.

Despite the struggles and challenges, along with the advancement of technology in EFL classrooms worldwide, the face of EFL writing classroom has recently become more sophisticated and engaging. Technological tools or devices have helped both students and teachers in preparing and executing lessons, drafting essays, and assessing students’ writing product as well as improving writing performance. For instance, blogging has facilitated process-based writing instruction (Özdemir & Aydın, 2015), and self-blogging helped students build metalinguistic awareness (İnceçay & Genç, 2014). In addition, weblog peer review can promote a marked improvement in students’ effective writing behaviour (Chen, 2012). Virtual writing classes through learning management system, such as Edmodo (Ma’azi & Janfeshan, 2018), Blackboard (Fageeh & Mekheimer, 2013) have also brought more positive attitude toward writing activity.

Furthermore, the web-based learning in writing classes, such as WebQuest (Latuperissa, 2012) and web-based pre-writing activities (Zaid, 2011), were found to be effective as instructional tool that made the students wrote longer and drafted richer in
online mapping and online reading. Social media (i.e., Facebook, Twitter) has mediated writing course and activity particularly in teaching mechanics (Altakhaineh & Al-Jallad, 2018) and improved students’ motivation. Besides, peer and teacher electronic feedback or e-feedback (Abdullah, Hussin, & Shakir, 2018) has decreased the students’ level of writing anxiety, and implementation of automated tracked system of teacher feedback contributed to improve the quality revision and revised texts (Cheng, 2019). Additionally, automated writing evaluation (AWE) tool has enhanced the grammar accuracy on the students’ essays on the third composition (Liao, 2016). Though the expansion of technology have provenly brought positive implication in writing performance, some issues related to technological competences of teachers and learners and internet access have become problems for many (Boudjadar, 2015).

2.2. Writing strategy in EFL writing instruction

Generally, writing strategy can be defined as “a conscious mental activity, employed in pursuit of a goal, often with an aim to solve a problem in writing” (De Silva, 2015, p. 2). The strategy can be also referred to some techniques used by the learners in creating a writing product and improving its quality (Apridayani, Yungkun, Thoch, & Ruththong, 2021). In a simple manner, Okasha and Hamdi (2014, p. 675) wrote writing strategies as ‘ways of controlling writing process to produce well-organized production crystallized by high quality’. The strategies can be grouped into direct strategy and indirect strategy (Oxford, 1990). To be more specific, O’Malley and Chamot (1990) and Apridayani, et al. (2021) classified writing strategies into four categories: cognitive, metacognitive, social, and affective strategies. These then have gained much attention on discussions and research in the field of writing instruction.

Table 1
Types of writing strategies.

| Strategies          | Descriptions                                                                 |
|---------------------|-----------------------------------------------------------------------------|
| Cognitive strategies| Techniques used in the transformation/synthesis of incoming information     |
| Metacognitive strategies | Techniques used to plan, reflect, monitor, and evaluate writing activities/outcomes |
| Social strategies   | Strategies to involve other people by doing some interactions.              |
| Affective strategies| Strategies for controlling or getting rid of negative feelings during the writing process |

Source: Apridayani, et al. , (2021), O’Malley and Chamot (1990)

Numerous studies of writing strategies have been extensively found, particularly looking at how its effect on writing achievement and other writing attributes. The study of Saudi EFL students’ writing strategies found that students with low anxiety are more users of writing strategies than the students with high level (Asmari, 2013). The dimensions of writing strategies cover before starting the writing, during the writing,
and during revision. Moreover, the investigation by Mahnam and Nejadansari (2012) to twenty three adult EFL learners in Iran showed that pre-writing strategies give a significant effect on the students’ writing achievement. The writing strategies the students chose for their writing were using relevant texts, negotiating of topics, making concept map. To more specific on concept mapping as pre-writing strategy in a focused instructional strategy, it improves the quality of students’ argumentative essays in the aspects of point of view, unity, coherence, development, organization, and thinking (Al-Shaer, 2014). Moreover, the instruction of strategy gives positive impact on writing performance (De Silva, 2015) and writing attitude (Okasha & Hamdi, 2014), particularly at pre-writing stage in which focuses on developing main concepts, logical connection among ideas and writing organization (Al-Shaer, 2014).

Apart from its benefits in writing achievement, the use of writing strategies towards other learner attributes such as gender and writing ability anchored the contrasting results. Brainstorming as pre-writing strategy gives no significant differences on its sub-categories: listing, outlining, and question and answer among males and females (Hashempour, Rostampour, & Behjat, 2015). In almost a similar fashion, study by Apridayani et al. (2021) concluded that, though most university Thai EFL students applied cognitive strategies during writing, there was no significant differences among the low and high writing achievers. Additionally, despite its positive relationships among writing strategies, it was no significant relations found on the use of writing strategies and their writing achievement.

3. Method

This current study was guided by a descriptive case study research paradigm (Nunan, 2013), which demonstrates an in-depth portrayal of a specific bounded phenomenon using different data sources in specific circumstances (Casanave, 2015; Duff, 2020). This study also looked into the writing strategies utilized by EFL university student-writers in a virtual writing course. To be more specific, this current investigation described the writers’ strategy in drafting, composing, and completing argumentative essay in three dimensions: before, while, and after drafting.

Research site was at the academic writing course in English Education Department Postgraduate Program at a private university in Jakarta, Indonesia. The writing course lasted 1.5 hour-synchronous sessions and 1-hour asynchronous session once a week for 14 weeks and aimed at enabling the student-writers to gain competences in developing and creating several essay genres. The participant pool was 70 university student-writers from the first semester who registered and regularly attended the course. Until the end of the course, however, only 38 participants filled out the online writing strategy inventory as well as submitted the essays and completed the task requirements on Google Classroom. They were 23 females and 15 males with the age ranged between 22-49 years old. They speak Bahasa Indonesia as their first/second language.
For data collection, multiple data sources were carried out to get a deeper understanding on what writing strategies the participants used in preparing and drafting the argumentative essays, and improving its quality. A writing test was assigned to develop one argumentative essay with a given topic as one of the writing tasks during the course (see figure 1). For scoring and grading, scoring rubric for essays from Oshima and Hogue (2006) was used to assess the students’ essays in five criteria: format, mechanics, content, organization, grammar and sentence structure. The scores were then consulted to CEFR level default scores (Jiménez-Muñoz, 2014). Moreover, the scale of reports and essays from CEFR (Council of Europe, 2020) was adopted to confirm the leveling and scoring of the students’ essays and the scores.

To obtain the data of the writing strategy use, online inventory was distributed to the participants after essay submission. The inventory was modified from Strategy Inventory for Integrated Writing (Yang & Plakans, 2012) that covers three dimensions of drafting: before drafting (16 statements), while drafting (14 statements), and after drafting (6 statements). Furthermore, to confirm data trustworthiness and consistency, an online questionnaire was to gather the participants’ perceptions and strategy in developing argumentative essay. In a phase of data analysis, the gathered data from writing test and inventory were divided into several levels based on the CEFR levels (A1-C2) and the writers’ strategy use (before, while, and after). They were then analyzed descriptively in the form of numbers and text referred to the levels and scores of the students’ essays.
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| Level | Default Score |
|-------|---------------|
| C2    | 100           |
| C1.2  | 90            |
| C1.1  | 80            |
| B2.2  | 70            |
| B2.1  | 60            |
| B1.2  | 50            |
| B1.1  | 40            |
| A2.2  | 30            |
| A2.1  | 20            |
| A1.2  | 10            |
| A1.1  | 5             |

Table 2

From the student-writers’ essays, it was found that their CEFR levels were ranged from B2.1 to C1.2 and the scores were between 60 and 90 (see Table 2). One student was on level B2.1 and gained the lowest scores of all. However, the essays were mostly on B2 and C1 levels. It may indicate that the most of student-writers can produce argumentative essays with appropriate organization and solid supportive arguments.

Concerning to the use of writing strategy, it was divided into three dimensions: before drafting, while drafting, and after drafting. At the stage of before drafting the essay, student-writers in all levels of writing applied rereading the task requirement, trying to understand the type of essay and its organization, and searching for valid
references and evidence with 100% percentage. Meanwhile, student-writers with level C1.2 learned much from sample texts and lecture by summarizing ideas, analyzing sentences and contents as well as planning their writing with 100% on percentage. Moreover, student-writers in all levels were found to avoid copy good sentences from the sample texts and lecture (see Table 3). It may indicate that they try not to fall into plagiarism due to maintaining the quality of their essays.

### Table 3
Students’ writing strategy before drafting.

| No. | Before I started writing the argumentative essay... | Level B2.1 (n: 1) | Level B2.2 (n: 14) | Level C1.1 (n: 14) | Level C1.2 (n: 9) |
|-----|---------------------------------------------------|-------------------|-------------------|-------------------|-------------------|
|     |                                                   | YES | NO | YES | NO | YES | NO |
| 1   | I reread the task requirements carefully           | Yes | 100% | 100% | 100% |
| 2   | I thought about the type of essay I wanted to write | Yes | 100% | 100% | 100% |
| 3   | I tried to summarize overall ideas from the whole sample texts in my mind | Yes | 93% | 86% | 100% |
| 4   | I wrote down keywords from what I heard in the lecture | Yes | 93% | 79% | 89% | 11% |
| 5   | I tried to understand the relationship between the ideas of reading materials and the lecture | Yes | 100% | 100% | 100% |
| 6   | I tried to memorize some ideas from the lecture    | Yes | 93% | 100% | 89% | 11% |
| 7   | I made a writing plan (e.g., outline, note, keyword) | Yes | 93% | 86% | 100% |
| 8   | I wrote down main ideas and important points from reading materials (sample texts) | Yes | 93% | 79% | 89% | 11% |
| 9   | I searched for connections among sentences on sample texts the argumentative essay | Yes | 86% | 79% | 100% |
| 10  | I tried to understand the content according to how information is organized in each paragraph on the sample texts | Yes | 100% | 93% | 100% |
| 11  | I tried to understand the organization of the sample texts | Yes | 100% | 100% | 100% |
| 12  | I summarized ideas from the lecture in my mind     | Yes | 93% | 86% | 100% |
| 13  | I searched for connections among paragraphs on the sample texts | Yes | 100% | 86% | 89% | 11% |
| 14  | I planned to copy good sentences from the sample texts or lecture in my writing | Yes | 65% | 50% | 67% | 32% |
| 15  | I predicted the content of the lecture after reading the sample text | Yes | 93% | 72% | 100% |
| 16  | I searched for valid references and solid evidence to my argumentative essay | Yes | 100% | 100% | 100% |

At the stage of drafting the essay, the majority student-writers with level C1.1 and C1.2 admitted that they double checked their writing in the terms of task requirements, the use of sentences and paraphrases, rereading sample texts and what they have written, trying to give solid, valid arguments, and revising it over time. With the lowest percentage, only 65%-67% of them showed that they write the first draft and some ideas...
from what they read on writing template. On the other hand, student-writer with level B2.1 stated that some strategies were not applied when drafting the essay, such as writing some phrases, providing references and solid argument, and rereading what have written.

Table 4
Students' writing strategy while drafting.

| No. | While I was writing my argumentative essay... | Level B2.1 (n: 1) | Level B2.2 (n: 14) | Level C1.1 (n: 14) | Level C1.2 (n: 9) |
|-----|-----------------------------------------------|-------------------|-------------------|-------------------|-------------------|
| 1   | I double-checked to see if my writing met the task requirements | Yes | 93% | 93% | 100% |
| 2   | I reread the sample texts to look for main ideas | Yes | 93% | 93% | 89% |
| 3   | I wrote some phrases based on a writing template I had memorized before writing the argumentative essay | No | 86% | 86% | 67% |
| 4   | I thought about mentioning some references in my argumentative essay | No | 100% | 93% | 78% |
| 5   | I copied the sentences from the references I got and paraphrased/revised them | No | 86% | 72% | 89% |
| 6   | I reread what I have written to see if my writing met the task requirements | No | 100% | 100% | 100% |
| 7   | I tried to write about my knowledge or my own experience on the essay | Yes | 93% | 100% | 89% |
| 8   | I used different words or phrases to describe ideas | No | 79% | 100% | 100% |
| 9   | I reread what I have written to see if I was using correct English (e.g. grammar, spelling) | No | 100% | 100% | 100% |
| 10  | I checked if I used the same phrases or sentences as the sample texts | No | 79% | 93% | 89% |
| 11  | I revised the sentences to make my writing clearer | Yes | 93% | 100% | 100% |
| 12  | I thought about a word, phrase, or sentences before I wrote it down | No | 93% | 100% | 100% |
| 13  | I first wrote out a writing template I had memorized before and filled some ideas from the lecture or sample texts. | No | 93% | 65% | 67% |
| 14  | I tried to provide strong argument and solid evidence on my argumentative essay | No | 93% | 100% | 100% |

At the stage of after drafting the essay, it should be a moment before task submission and the last chance to use writing strategies to improve the quality of their essay. From the inventory, it showed that student-writers in three levels (B2.2, C1.1, and C1.2) reported that they use some strategies in this stage with percentage between 93%-100%. They stated that they checked the evidence on the essay, reread the content and grammar, made some changes to ensure of no plagiarism. Moreover, not all of them admitted adding new points based on the sample texts, references, and the lecture on their essays, with percentage 93%, 86%, and 78% respectively. In contrast, the student-writers with the lowest level showed to tick ‘No’ to several statement. It indicated that...
some strategies were not conducted, for example checking evidence, rereading the essay, and making changes on the content.

Table 5
Students' writing strategy after drafting.

| No. | After I had finished a draft of my argumentative writing ... | Level B2.1 (n: 1) | Level B2.2 (n: 14) | Level C1.1 (n: 14) | Level C1.2 (n: 9) |
|-----|-------------------------------------------------------------|-------------------|-------------------|-------------------|-------------------|
| 1   | I checked if I used evidence to support my ideas            | No                | 100%              | 100%              | 100%              |
| 2   | I reread my essay and changed the content that didn't express what I meant | Yes               | 100%              | 100%              | 100%              |
| 3   | I added new points based on the sample texts, references and the lecture | Yes               | 93%               | 86%               | 78% 22%           |
| 4   | I reread my essay and made sure my English was correct     | No                | 100%              | 100%              | 100%              |
| 5   | I checked if I had connected the ideas from the lecture/sample texts to my writing | No                | 100%              | 93%               | 100%              |
| 6   | I made changes to in phrases to ensure I didn't copy the exact phrases to avoid plagiarism | No                | 100%              | 100%              | 100%              |

As a writing learner, student-writer applies some techniques when composing a text to improve writing skill and to produce high quality texts. The findings in the present study demonstrated that at the stage of before drafting the essay, all student-writers reread task requirement and searched for valid references. Moreover, level C1.2 student-writers also summarized ideas, analyzed sentences and contents, and made writing plan. These are consistent to the result of the study by Apridayani et al., (2021). They found that Thai EFL writing learners apply cognitive strategies (i.e., use of linking words to ensure logical relationships between sentences/paragraphs) and metacognitive strategies (i.e., reviewing task requirement, looking at writing samples, writing down ideas before writing, and revising two or more times) in high levels of frequency use. Furthermore, that a writing plan become one of writing strategies used by student-writers in this research also supports the previous study by (Al-Shaer, 2014) in which demonstrated that mapping the topic as pre-writing strategy has helped the student-writers focus on concepts, logical ideas and organization of the essay.

Moreover, on students’ essay of level C1.1 and C1.2, the student-writer in the current study mostly use writing strategy, such as double checking the requirement, revising the essay, rereading the essay and the sample texts, and providing valid arguments when drafting the essay. In contrast, student-writer with lowest level was found not used those strategies. At the of after drafting, student-writers in all levels applied several writing strategies, for instance checking the evidence, rereading the content and grammar, making some changes to ensure of no plagiarism. However, not all of them added new points from sample texts, references, and lecture. To the student-writer with the lowest level, several writing strategies were not used, such as checking...
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Evidence, rereading the essay, and making changes on the content. It is in line with what is stated by De Silva (2015). The instruction of writing strategy gives positive effect on writing performance, and the students could be trained to use writing strategy effectively.

From the present study, it was found that the use of writing strategy was various across different levels in which tend to the more the use of writing strategy, the higher level of the quality of the students’ essays. However, we can see that the findings from previous different research were poles apart. A study shows no significant differences between writing strategy by the low and the high writing achievers; meanwhile some another study proved that students using heavily on metacognitive strategy (i.e., planning, monitoring the writing progress) performed better than those who relied on cognitive strategy (Apridayani et al., 2021).

Moreover, on students’ essay of level C1.1 and C1.2, the student-writer in the current study mostly use writing strategy, such as double checking the requirement, revising the essay, rereading the essay and the sample texts, and providing valid arguments when drafting the essay. In contrast, student-writer with lowest level was found not used those strategies. At the stage after drafting, student-writers in all levels applied several writing strategies, for instance checking the evidence, rereading the content and grammar, making some changes to ensure of no plagiarism. However, not all of them added new points from sample texts, references, and lecture. To the student-writer with the lowest level, several writing strategies were not used, such as checking evidence, rereading the essay, and making changes on the content.

5. Conclusion

This current research explored the writing strategy used by EFL university student-writers in composing argumentative essay in a virtual academic writing course. The use of strategy was divided into three stages: before, while, and after drafting. Meanwhile, the student-writers’ product essays were categorized into four levels. The findings show that before drafting the essay, all student-writers reread task requirement and understood the type of essay and organization, searched for valid references, and tried to avoid plagiarism. At this stage, level C1.2 student-writers also summarized ideas, analyzed sentences and contents, and made writing plan.

The writing strategy at the stage of drafting the essay was various across levels. At level C1.1 and C1.2, double checking the requirement, revising the essay, rereading the essay and the sample texts, and providing valid arguments were the most used strategies when drafting the essay. In contrast, student-writer with lowest level was found not used those strategies. At the final stage or after drafting, student-writers in all levels applied several writing strategies, for instance checking the evidence, rereading the content and grammar, making some changes to ensure of no plagiarism. However, not all of them added new points from sample texts, references, and lecture. To the student-writer with the lowest level, several writing strategies were not used, such as checking evidence,
rereading the essay, and making changes on the content.

The findings may show that higher level student-writers have more writing awareness to apply writing strategy during drafting their essays. It is believed that the more writing strategies used during drafting the essay, the more score and the higher quality of the essay was possibly achieved. Therefore, it is highly advisable for writing faculties/instructors to design an instruction of writing strategy across levels. Eventually, for further research, the investigations on specific writing strategy for specific text type and its effectiveness may lead to clearer understanding in the field of writing strategy and its implementation.

References

Casanave, C. P. (2015). Case studies. In Brian Paltridge and Aek Phakiti (Eds), Research Methods in Applied Linguistics: A Practical Source, (x-xx). Bloomsbury Publishing.

Abdullah, M. Y., Hussin, S., & Shakir, M. (2018). The effect of peers’ and teacher’s E-feedback on writing anxiety level through CMC applications. International Journal of Emerging Technologies in Learning, 13(11), 196–207. https://doi.org/10.3991/ijet.v13i11.8448

Al-Shaer, I. M. R. (2014). Employing concept mapping as a pre-writing strategy to help EFL learners better generate argumentative compositions. International Journal for the Scholarship of Teaching and Learning, 8(2), 1-29. https://doi.org/10.20429/ijssotl.2014.080210

Altakhaineh, A. R. M., & Al-Jallad, M. Z. (2018). The use of twitter and facebook in teaching mechanics of writing to Arabic-speaking EFL learners. International Journal of Emerging Technologies in Learning, 13(9), 4–14. https://doi.org/10.3991/ijet.v13i09.8457

Apridayani, A., Yungkun, N., Thoch, K., & Ruththong, A. (2021). Writing strategies for Argumentative essay and short research reports: The case of thai EFL learners. Journal of Asia TEFL, 18 (1) Spring, 300–309. https://doi.org/10.18823/asiatefl.2021.18.1.21.300

Asmari, A. Al. (2013). Investigation of writing strategies, writing apprehension, and writing achievement among Saudi EFL-major students. International Education Studies, 6(11), 130–143. https://doi.org/10.5539/ies.v6n11p130

Badger, R., & White, G. (2000). A process genre approach to teaching writing. ELT Journal, 54(2), 153–160. https://doi.org/10.1093/elt/54.2.153

Bhowmik, S. K. (2009). L2 writing pedagogy in EFL contexts: An exploration of salient practices in teaching and learning. The Journal of Asia TEFL, 6(3), 351–373.

Boudjadar, T. (2015). ICT in the writing classroom: The pros and the cons. International Journal of Applied Linguistics and English Literature, 4(1), 8–13. https://doi.org/10.7575/aiac.ijalel.v.4n.1p.8

Chen, K. T. C. (2012). Blog-based peer reviewing in EFL writing classrooms for Chinese speakers. Computers and Composition, 29(4), 280–291. https://doi.org/10.1016/j.compcom.2012.09.004
How do EFL university student-writers prepare their draft? An analysis of writing strategy.

Cheng, G. (2019). Exploring the effects of automated tracking of student responses to teacher feedback in draft revision: evidence from an undergraduate EFL writing course. *Interactive Learning Environments.* https://doi.org/10.1080/10494820.2019.1655769

Council of Europe. (2020). Common european framework of reference for languages: learning, teaching, assessment - companion volume with new descriptors. In *Council of Europe Publishing.* https://doi.org/10.1016/b978-0-7506-1183-1.50003-6

De Silva, R. (2015). Writing strategy instruction: Its impact on writing in a second language for academic purposes. *Language Teaching Research, 19*(3), 301–323. https://doi.org/10.1177/1362168814541738

Duff, P. A. (2020). Case study research: making language learning complexities visible. In J. McKinley & H. Rose (Eds.), *The routledge handbook of applied linguistics* (pp. 144–164). https://doi.org/10.4324/9780203835654

Fageeh, A., & Mekheimer, M. (2013). Effects of blackboard on EFL academic writing and attitudes. *The JALT CALL Journal, 9*(2), 169–196. https://doi.org/10.29140/jaltcall.v9n2.154

Hamed, M. (2014). Conjunctions in argumentative writing of libyan tertiary students. *English Language Teaching, 7*(3), 108–120. https://doi.org/10.5539/elt.v7n3p108

Hashempour, Z., Rostampour, M., & Behjat, F. (2015). The effect of brainstorming as a pre-writing strategy on EFL advanced learners’ writing ability. *Journal of Applied Linguistics and Language Research, 2*(1), 86–99. Retrieved from www.jallr.ir

Hu, G. W., & Chen, B. (2007). A protocol-based study of university level chinese EFL learners’ writing strategies. *English Australia Journal, 23*(2), 37-56.

İnceçay, G., & Genç, E. (2014). University level EFL students’ self blogging to enhance writing efficacy. *Procedia - Social and Behavioral Sciences, 116*, 2640-2644. https://doi.org/10.1016/j.sbspro.2014.01.627

Jiménez-Muñoz, A. J. (2014). Measuring the impact of CLIL on language skills: a CEFR based approach for Higher Education. *Language Value, 6*(1), 28–50. https://doi.org/10.6035/languagev.2014.6.4

Juliaty, H. (2019). Exploring academic identities of EFL novice writers. *Indonesian Journal of Applied Linguistics, 9*(2), 324–334. https://doi.org/10.17509/ijal.v9i2.20230

Latuperissa, K. (2012). Action research on a webquest as an instructional tool for writing abstracts of research articles. *Excellence in Higher Education, 3*(1), 52–59. https://doi.org/10.5195/ehe.2012.45

Liao, H. C. (2016). Enhancing the grammatical accuracy of EFL writing by using an AWE-assisted process approach. *System, 62*, 77–92. https://doi.org/10.1016/j.system.2016.02.007

Ma’azi, H., & Janfeshan, K. (2018). The effect of Edmodo social learning network on Iranian EFL learners writing skill. *Cogent Education, 5*(1), 1–17. https://doi.org/10.1080/2331186X.2018.1536312

Mahnam, L., & Nejadansari, D. (2012). The effects of different pre-writing strategies on Iranian EFL writing achievement. *International Education Studies, 5*(1), 154–160. https://doi.org/10.5539/ies.v5n1p154
Nunan, D. (2013). *Research methods in language learning*. Cambridge: Cambridge University Press.

Okasha, M. A., & Hamdi, S. A. (2014). Using strategic writing techniques for promoting EFL writing skills and attitudes. *Journal of Language Teaching and Research, 5*(3), 674–681. https://doi.org/10.4304/jltr.5.3.674-681

O'Malley, J. M., & Chamot, A. U. (1990). *Learning strategies in second language acquisition*. Cambridge: Cambridge University Press.

Oshima, A., & Hogue, A. (2006). *Writing academic English (4th Ed.)* New York: Pearson Education, Inc.

Oxford., R. L. (1990). *Language learning strategies: What every teacher should know*. Boston, Mass.: Heinle & Heinle

Özdemir, E., & Aydin, S. (2015). The effects of blogging on EFL writing achievement. *Procedia - Social and Behavioral Sciences, 199*, 372–380. https://doi.org/10.1016/j.sbspro.2015.07.521

Rahmatunisa, W. (2014). Problems faced by Indonesian EFL learners in writing argumentative essay. *English Review: Journal of English Education, 3*(1), 1–9. Retrieved from http://journal.uniku.ac.id/index.php/ERJEE

Rao, Z. (2007). Training in brainstorming and developing writing skills. *ELT Journal, 61*(2), 100–106. https://doi.org/10.1093/elt/ccm002

Setyowati, L., Sukmawa, S., & Latief, M. A. (2017). Solving the students’ problems in writing Argumentative essay through the provision of planning. *CELT: A Journal of Culture, English Language Teaching & Literature, 17*(1), 86. https://doi.org/10.24167/celt.v17i1.1140

Wahyuni, S., & Umam, M. K. (2017). An analysis on writing anxiety of Indonesian EFL college learners. *JEELS, 4*(1), 103–126. Retrieved from http://jurnal.stainkediri.ac.id/index.php/jeels/article/view/333

West, H., Malcolm, G., Keywood, S., & Hill, J. (2019). Writing a successful essay. *Journal of Geography in Higher Education, 43*(4), 609–617. https://doi.org/10.1080/03098265.2019.1655720

Widiati, U., & Cahyono, B. Y. (2006). The teaching of EFL writing in the Indonesian context: The state of the art. *Jurnal Ilmu Pendidikan, 13*(3), 139–150.

Yang, H. C., & Plakans, L. (2012). Second language writers’ strategy use and performance on an integrated reading-listening-writing task. *TESOL Quarterly, 46*(1), 80–103. https://doi.org/10.1002/tesq.6

Zaid, M. A. (2011). Effects of web-based pre-writing activities on college EFL students’ writing performance and their writing apprehension. *Journal of King Saud University - Languages and Translation, Vol. 23*, pp. 77–85. https://doi.org/10.1016/j.jksult.2011.04.003

Zhang, Y. (2018). An investigation into the development of structure and evidence use in Argumentative writing. *Theory and Practice in Language Studies, 8*(11), 1441. https://doi.org/10.17507/tpls.0811.08

Zhu, W. (2001). Performing argumentative writing in English: Difficulties, processes, and strategies. *TESL Canada Journal, 19*(1), 34–50.