

Chapter One Scientific Article Is a scientific article that reports the methods and results of an original scientific study performed by the authors. The introduction section of your research paper should include the following:

- o General introduction
- o Problem definition
- o Gaps in the literature
- o Problems solution
- o Aims & objectives
- o Significance and advantages of your work

The literature review The literature review section of your research paper should include the following:

- o Previous literature
- o Limitations of previous research
- o Research questions
- o Research to be explored
- o Previous literature

The literature review shows that ___ Page 5 of 36 Badji Mokhtar Annaba University Department of Biology Dr. NEDJAI RADHIA Previous research showed ___ Previous studies have shown ___ Several studies suggest that ___ Prior research suggests that ___ Most early studies as well as current work focus on ___ Some authors have also suggested that ___ This has been discussed by a great number of authors in literature. This question has previously never been addressed because ___ In previous studies were limited to ___ These are previously unstudied because ___ As far as we know, no previous research has investigated ___ Research questions The study addresses several further questions on ___ Some of the interesting questions in this context are ___ The question now is how ___ can be used to explain ___ Study addresses the research question ___ In order to properly address this question, we ___ An important question associated with ___ is ___ A critical open question is whether ___ A still unsolved question is whether ___ This remains an open question as ___ This question has previously never been addressed because ___ Many questions remain unanswered ___ This was an important question to study as ___ 7. Chicago style Hadadi, Amina, Ali Imessaoudene, Jean Claude Bollinger, Aymen Amine Assadi, Abdeltif Amrane, and Lotfi Mouni. Page 6 of 36 Badji Mokhtar Annaba University Department of Biology Dr. NEDJAI RADHIA a. Figures All figures in the scientific article should have a concise noun title and a concise explanatory caption. Page 7 of 36 Badji Mokhtar Annaba University Department of Biology Dr. NEDJAI RADHIA The Advantages of a Constant Style of References The advantages of having a constant style within a journal is:

- o the ease of reading the references at the end of each article
- o the ease of finding reference parts by the reader if he/she is used to the format and plans to look up the reference.

Comparison of Four Plant-Based Bio-Coagulants Performances against Alum and Ferric Chloride in the Turbidity Improvement of Bentonite Synthetic Water. Additionally, the methods of statistical analysis should be clearly identified, and any statistical software programs used in the study should be appropriately cited. For novel methods, a detailed description is required, while well-established methods can be briefly summarized or referenced appropriately. Reference with APA style Hadadi, A., Imessaoudene, A., Bollinger, J. C., Assadi, A. A., Amrane, A., & Mouni, L. (2022). The kind of study may vary (it could be an experiment, survey, interview, or any other kind of studies), but in all cases, raw data have been collected and analyzed by the authors, and conclusions are drawn from the results of that analysis.

- o Corresponding author role: Clearly indicate who will handle correspondence at all stages of refereeing and publication, also post-publication.

Introduction This section provides an overview of the research background, outlining the objectives and significance of the study in relation to existing research in the field. It was reported in literature that ___ A recent study by ___ concluded that ___ Limitations of previous research A number of questions regarding ___ remain to be addressed. c. Equations Equations contained in the scientific article should be prepared by equation editors, e.g.,

Microsoft Equation Editor built in Word, instead of inserted pictures. Page 4 of 36 Badji Mokhtar Annaba University Department of Biology Dr. NEDJAI RADHIA 3.2.6.8.9.11. Water, 14(20).