

## PURSUE Rubric for Technical Evaluation

Criteria	0	1	2	Points
<p><b>Abstract</b> Abstract is concise, self-contained, and complete enough to appear separately in abstract publications and addresses all four components</p>	Is missing, or contains numerous errors, or otherwise unacceptably presented	<p>Abstract:</p> <ul style="list-style-type: none"> <li>○ briefly states the problem or the purpose of the research</li> <li>○ presents the theoretical or experimental plan used</li> <li>○ summarizes the principal findings</li> <li>○ points out major conclusions</li> </ul> <p>(Select this category if only 0-2 criteria are met)</p>	<p>Abstract:</p> <ul style="list-style-type: none"> <li>○ briefly states the problem or the purpose of the research</li> <li>○ presents the theoretical or experimental plan used</li> <li>○ summarizes the principal findings</li> <li>○ points out major conclusions</li> </ul> <p>(Select this category if 3 or more criteria are met)</p>	
<p><b>Introduction</b> Author describes the main subject and purpose of the research/project and indicates why the research/project is important</p>	Is missing, or neither informative nor appropriate	<ul style="list-style-type: none"> <li>○ Informative</li> <li>○ Appropriate</li> <li>○ Written in an unscientific tone</li> </ul> <p>(Select this category if only 0-2 criteria are met)</p>	Complete and informative, and written in a scientific tone	
<p><b>Materials and Methods</b> Author describes what they did: data sources and methods of data collection are provided using the correct scientific terminology</p>	Section is missing or not relevant to the experiment	Purpose or techniques are partially incomplete	Convinces the reader that the methods employed were appropriate to the research/project	
<p><b>Results</b> Author describes what they learned, and provides outcomes for the main results or an explanation of why no results were achieved</p>	Section is missing, less than half complete, or not relevant to the experiment	Results section is mostly complete, but some relevant results are omitted, or incorrect units or significant figures are used	All major numerical results are given with correct units and significant figures - All important descriptive results are given with appropriate context	
<p><b>Conclusion</b> Author describes the correlation between the research/project, its results, and the conclusions. Implications of the research and future directions are addressed.</p>	Section is missing, unclear and/or does not address hypothesis	Conclusion section is mostly complete, but some relevant conclusions are omitted	Conclusions are made based on the results, any accepted values are given for comparison, and percent error values are provided	

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<b>References</b>	Section is missing	References are listed, but not properly cited throughout paper	References are accurate; author, title, and publisher; volume, issue, pages and date are correct	
<b>Language and Conventions</b>	Contains more than three grammar, spelling, and/or punctuation errors	Contains 1-3 grammar, spelling and punctuation errors	Uses proper grammar, spelling and punctuation	
	Contains more than three labeling errors or does not define acronyms	Contains 1-3 labeling errors, not all acronyms are defined	Figures and graphs are labeled correctly and acronyms are defined	
<b>Formatting</b>	Contains more than three formatting errors	Contains three or less formatting errors	Formatted exactly as specified by the abstract guidelines	
<b>Overall Rating</b> Will be excellent addition to journal; overall content and appropriateness is well aligned and meets the needs of target audience	Will not be recommended due to overall content and appropriateness	Would be an acceptable addition to the journal but overall content and/or appropriateness appear weak. Author should correct errors and resubmit.	Overall content and appropriateness is strong and will be a good fit for journal	