

Review Form 3

Journal Name:	Asian Journal of Advances in Agricultural Research
Manuscript Number:	Ms_AJAAR_120916
Title of the Manuscript:	Piper nigrum Leaf Extract-Mediated Synthesis of Copper Oxide Nanoparticles and Their Antimicrobial Activity Against Soil Phytopathogens
Type of the Article	Research Article

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	The article is Innovative Approach, Significant Findings, Comprehensive Characterization, Environmental Relevance, and Relevance to Current Issues.	
Is the title of the article suitable? (If not please suggest an alternative title)	YES	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	YES	
Are subsections and structure of the manuscript appropriate?	YES	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	The article introduces a novel method for synthesizing copper oxide nanoparticles using Piper nigrum leaf extract. This green synthesis method is eco-friendly and cost-effective, addressing the need for sustainable practices in nanotechnology.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :	The author can attach recent journals for the references. I listed some of the references. <ol style="list-style-type: none"> 1. Biosynthesis of colloidal Copper Oxide Nanoparticles using <i>Manilkara hexandra</i> (Roxb.) Dubard leaf extract and its Physicochemical Characterization and Pharmaceutical Evaluation, A. Antony Lawrence, J. Thomas Joseph Prakash. International Journal of Scientific Research in Physics and Applied Sciences, Vol:6, Issue: 6 (2018) 57-68. ISSN: 2348-3423. 2. Biosynthesis: Physical and Chemical Characterization of Silver Nanoparticles using Leaf extract of <i>Hibiscus vitifolius</i> L. and its Antioxidant and Antimicrobial Activity, A. Antony Lawrence, J. Thomas Joseph Prakash. International Journal of Research and Analytical Reviews, Vol: 5, Issue: 4 (2018) 408-421. ISSN: 2349-5138. 3. Phytosynthesis : Physical and Chemical Characterization of Silver Nanoparticles using <i>Manilkara hexandra</i> (Roxb.) Dubard leaf extract and Evaluation of Antimicrobial and Antioxidant potential, A. Antony Lawrence, J. Thomas Joseph Prakash. Journal of Pharmacognosy and Phytochemistry, Vol:7, Issue: 6 (2018) 1634- 1644. ISSN: 2349-8234. 4. A Review on Nanotechnology and Plant mediated metal nanopaticles and its Applications, J.Thomas Joseph Prakash, A. Antony Lawrence, International Journal of Scientific Research and Review, Vol:8, Issue: 6 (2019) 269-287. ISSN: 2279- 543X. 	

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Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	The author has to check regarding spelling mistakes, grammar, etc.	
Optional/General comments	The article is well-ordered and nice.	

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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