

Review Form 3

Journal Name:	Journal of Scientific Research and Reports
Manuscript Number:	Ms_JSRR_129549
Title of the Manuscript:	Automatic Sorting And Grading Of Fruits Based On Maturity And Size Using Machine Vision And Artificial Intelligence
Type of the Article	

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PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.</p>	<p>The article is not "new" or original. The topic has been widely discussed in numerous scientific writings and publications of various origins. Agriculture is a fundamental economic sector and the uses of AI are strongly desired, desirable and economically supported in both the public and private sectors. This is more of a review article than a "new" article. In this sense, the citation should be much more carefully edited and given greater emphasis, as it is not always clear and risks confusing what the author wrote with what is taken from other sources.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The title is correct. A clear subtitle should be added that highlights that it is a meta-analysis of recent literature.</p>	
<p>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.</p>	<p>The abstract is correct and clear. In this case, too, a more direct reference should be included to the fact that it is a systematic review and meta-analysis of recent literature, which is mainly circulated in India.</p>	
<p>Is the manuscript scientifically, correct? Please write here.</p>	<p>The article – in its content – is scientifically partially correct. Many parts quoted confuse the author's considerations with real quotations, for which quotation marks or italics are missing. Greater rigor helps to avoid criticisms of plagiarism.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>The references section is truly dramatic - a clear sign that a precise method of citation was not adopted but often an uncritical copy and paste was carried out, without reviewing the style. Here is a brief summary of the styles used in the text</p> <p>(M.A. Ashraf et al., 2011). (Sun, 2007; Du & Sun, 2009; Quevedo et al., 2008a; Quevedo & Aguilera, 2010) [L. Kaiyan et al., 2021]. [M.F. Ibrahim et al., 2016 and D. Unay et al. 2022]. (Clement et al., 2012). (Wu & Sun, 2013). (S. Palei et al., 2023) (Patel, P. 2017)</p> <p>At the writing level I take two sentences. In italics the version used by the author. Then the one that would be more correct and clear.</p> <p><i>(Pallavi U. Patil et al. 2021), In this study machine learning-based grading and sorting techniques is used for dragon fruit, with CNN, ANN, and SVM algorithms.</i></p> <p>In the Pallavi and colleagues study (Pallavi, Patil et al. 2021) machine learning-based grading and sorting techniques is used for dragon fruit, with CNN, ANN, and SVM algorithms.</p> <p><i>Color and size are critical features for effective classification and sorting, as highlighted by (Khojastehnazhand et al., 2010)</i></p> <p>Color and size are critical features for effective classification and sorting, as highlighted by Khojastehnazhand and colleagues (2010).</p> <p>The final references section suffers from all the previous errors. Here is a summary of how the references appear.</p>	

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	<p>These following are 5 citations: 5 different styles (<i>APA, Chicago, Biblio...</i>) again it seems. In some there is the doi, in others not, in others it is wrong, in others it is linked, in others not. Again it seems more like a "copy and paste" from various sources than a reasoned choice. The fact that there was no proofreading and stylistic revision highlights a lack of attention and experience in scientific journals.</p> <p>Masi, S. (2019). Color-based image analysis for citrus ripeness classification. <i>IEEE Transactions on Agricultural Engineering</i>. 56(4): 2158-2165.</p> <p>Patel, P. 2017. Advanced hardware and software tools supported by AI and machine learning to develop machine vision system to detect defects in citrus fruits and grading it by color, shapes, sizes, blemishes, and weight. <i>Revista Espanola de Documentacion Cientifica</i>. 11(1): 118-129.</p> <p>Krizhevsky, A., Sutskever, I and Hinton, G.E. 2012. Imagenet classification with deep convolutional neural networks. <i>Advances in neural information processing systems</i>. 25.</p> <p>L. Kaiyan., L. Chang., S. Huiping., W. Junhui., C. Jie. (2021). Review on the application of machine vision algorithms in fruit grading systems. <i>Adv. Intell. Syst. Comput.</i> 1304: 271–280, https://doi.org/10.1007/978-3-030-63784-2_34/ TABLES/2.</p> <p>L. Poudwal., Prof N. Rathod., P. Kagane., N. Shirkar. 2022. Fruit and quality detection system to assist people with down syndrome. <i>Int. J. Res. Appl. Sci. Eng. Technol.</i> 10 (5) (2022) 392–397, https://doi.org/10.22214/ijraset.42204.</p>	
<p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>English quality of the article is suitable for scholarly communications</p>	
<p>Optional/General comments</p>		

PART 2:

	<p>Reviewer's comment</p>	<p>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)</p>
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

Reviewer Details:

<p>Name:</p>	<p>Michele Di Salvo</p>
<p>Department, University & Country</p>	<p>Italia</p>