

Review Form 1.6

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_86358
Title of the Manuscript:	Pummelo: A potential underutilized nutraceutical crop for multiple health benefits
Type of the Article	Review Article

General guideline for Peer Review process:

This journal’s peer review policy states that **NO** manuscript should be rejected only on the basis of ‘**lack of Novelty**’, provided the manuscript is scientifically robust and technically sound.
To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	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)
Compulsory REVISION comments	The Manuscript is very interesting review artikel with multianlysis of health benefits of pommelo. The Manuscript have 2.694 words, 40 references, 2 int. tables.	
Minor REVISION comments	The Authors can underline regarding health benefits the sentence that pomelo have interaksions as nutrient component in cardiological patinets which take aspirin and anticoagulant therapy (cardiololikal patients under aspirin therapy must avoid pomelo, therefor interaksions with nutriceuticl components)	Thank you for your feedback
Optional/General comments	<p>The Manuscript Authors have very good written, except only some new references which must be up to date ultimate 5 years. In review article mimum is 50 references, in present Artikle number is 40. My suggestions to add some up to date new references for example below. Can be added part competing interests, aknowlegment.</p> <p>Some of new references from PubMrd fata base:</p> <p>Valorization of pomelo (Citrus grandis Osbeck) peel: A review of current utilization, phytochemistry, bioactivities, and mechanisms of action.</p> <p>Tocmo R, Pena-Fronteras J, Calumba KF, Mendoza M, Johnson JJ. Compr Rev Food Sci Food Saf. 2020 Jul;19(4):1969-2012. doi: 10.1111/1541-4337.12561. Epub 2020 May 31. PMID: 33337092 Free article. Review.</p> <p>Pomelo peel offers a wide range of components such as essential oils, polysaccharides, and phytochemicals with potential food applications. Utilization of pomelo peel to recover these components is an important step toward agricultural sustainability. ...</p> <p><input type="checkbox"/> 3</p> <p>Cite Share The Pomelo, or Grapefruit.</p> <p>[No authors listed] JAMA. 2018 May 22;319(20):2140. doi: 10.1001/jama.2017.12391. PMID: 29800164 No abstract available.</p> <p><input type="checkbox"/> 4</p> <p>Cite Share The application of pomelo peel as a carrier for adsorption of epigallocatechin-3-gallate.</p> <p>Zhang G, Sun Y, Guo Y, Liu J, Wu L, Lin J. J Sci Food Agric. 2018 Aug;98(11):4135-4141. doi: 10.1002/jsfa.8931. Epub 2018 Mar 12. PMID: 29393516</p> <p>The ability of pomelo peel to adsorb epigallocatechin-3-gallate (EGCG) was examined in this study. ... The adsorption of EGCG onto pomelo peel showed excellent fitness with a pseudo-second-order model. ...</p> <p><input type="checkbox"/> 5</p> <p>Cite Share Food-drug interactions precipitated by fruit juices other than grapefruit juice: An update review.</p> <p>Chen M, Zhou SY, Fabriaga E, Zhang PH, Zhou Q. J Food Drug Anal. 2018 Apr;26(2S):S61-S71. doi: 10.1016/j.jfda.2018.01.009. Epub 2018 Feb 15. PMID: 29703387 Free article. Review.</p> <p>The potential adverse interactions included decreased drug bioavailability (apple juice-fexofenadine, atenolol, aliskiren; orange juice-aliskiren, atenolol, celiprolol, montelukast, fluoroquinolones, alendronate; pomelo juice-sildenafil; grape juice-cyclosporine), increase ...</p> <p><input type="checkbox"/> 12</p> <p>Cite Share Dietary fiber extracted from pomelo fruitlets promotes intestinal functions, both in vitro and in vivo.</p> <p>Liu H, Zeng X, Huang J, Yuan X, Wang Q, Ma L. Carbohydr Polym. 2021 Jan 15;252:117186. doi:</p>	New references added

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	<p>10.1016/j.carbpol.2020.117186. Epub 2020 Oct 4.PMID: 33183633</p> <p>Pomelo fruitlets contain various active substances that are easily collected and processed. Here, the biological effects of pomelo fruitlet dietary fiber were investigated in vivo and in vitro. ...</p> <p><input type="checkbox"/> 13</p> <p>Cite Share</p> <p>Rapid Detection of Pomelo Fruit Quality Using Near-Infrared Hyperspectral Imaging Combined With Chemometric Methods.</p> <p>Chen H, Qiao H, Feng Q, Xu L, Lin Q, Cai K.Front Bioeng Biotechnol. 2021 Jan 12;8:616943. doi: 10.3389/fbioe.2020.616943. eCollection 2020.PMID: 33511105 Free PMC article.</p> <p>Pomelo is an important agricultural product in southern China. Near-infrared hyperspectral imaging (NIRHI) technology is applied to the rapid detection of pomelo fruit quality. ...Therefore, the NIRHI technology combined with the study of chemometric methods is appl ...</p> <p><input type="checkbox"/> 14</p> <p>Cite Share</p> <p>Evaluation of Pomelo Seed Extracts as Natural Antioxidant, Antibacterial, Herbicidal Agents, and Their Functional Components.</p> <p>Ling W, Dai T, Zhang J, Liang Y, Yin W, Zhong B, Zhang J.Chem Biodivers. 2021 Dec;18(12):e2100679. doi: 10.1002/cbdv.202100679. Epub 2021 Oct 27.PMID: 34651409</p> <p>Pomelo seeds (PS) are important by-product of pomelo fruits (Citrus grandis Osbeck). ...</p> <p><input type="checkbox"/> 15</p> <p>Cite Share</p> <p>Production of pectic-oligosaccharides from pomelo peel pectin by oxidative degradation with hydrogen peroxide.</p> <p>Wandee Y, Uttapap D, Mischnick P, Rungsardthong V.Food Chem. 2021 Jun 30;348:129078. doi: 10.1016/j.foodchem.2021.129078. Epub 2021 Jan 14.PMID: 33515939</p> <p>Oxidative depolymerization of alkali- and acid-extracted pomelo pectins was performed using 1% hydrogen peroxide (H(2)O(2)) with a microwave power of 550 W for 10 min. ...</p> <p><input type="checkbox"/> 16</p>	
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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?	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	