

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 61631

Title: Environmental Perspectives of COVID-19 Outbreaks – A Review

Reviewer's code: 05487428

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: India

Manuscript submission date: 2020-12-14

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-12-16 02:41

Reviewer performed review: 2020-12-24 16:53

Review time: 8 Days and 14 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This study was a systematic literature review on environmental aspects of COVID-19 outbreak, they integrated COVID-19 outbreaks with environmental and human health perspectives. However, there are a number of concerns in the current study.

1.Susceptibility of COVID-19. Please review the clinical characteristics and outcomes of children with COVID-19. 2.Severity. As far as we know, severity is the main factor affecting the prognosis of patients with COVID-19, according to severity status, all patients were divided into group for general, severe, and critical. Please provide the perspective of severity of this disease. 3.There are sporadic case reports of recurrence worldwide, you should discussed the phenomenon. 4.Some obvious errors in presentation should be corrected. (1)SARS-CoV-2 Spike protein in pre-fusion conformation(in page 12, line 15),the word of Spike should be spike. (2)32.8% patients experienced with ARDS (95%CI, 13.7-51.8)(in page 12, line 21), the number of 95% CI should added %. (3)COVID-10 patients' condition very critical (in page 15, line 16).It should been COVID-19 patients.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 61631

Title: Environmental Perspectives of COVID-19 Outbreaks – A Review

Reviewer's code: 05386405

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Associate Chief Physician, Doctor, Instructor

Reviewer's Country/Territory: China

Author's Country/Territory: India

Manuscript submission date: 2020-12-14

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-12-17 04:11

Reviewer performed review: 2020-12-27 17:10

Review time: 10 Days and 12 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

Interesting article in this particular historical period. it is clear and readable. I still have some questions. 1. Why did you come to the conclusion that "SARS-CoV-2 could be used as angiotensin-converting enzyme 2 (ACE2), similar to SARS-CoV receptor for human infection" according to the above. 2. There seems to be a mistake: "Although these 2 dogs showed any clinical signs, but one of the cats did have signs of illness." . 3. Page 14: "At haematological level" sounds a little bit awkward. 4. How to determine the result of test is false-negative? 5. How does the air quality impact the COVID-19 infection and transmissions? Could you explain that "air pollution-to-human rather than to human-to-human transmission"?