

УДК 541.2+544.7

CORRIGENDUM TO "RECENT ADVANCES IN THEORETICAL INVESTIGATION OF TITANIUM DIOXIDE NANOMATERIALS. A REVIEW" [Kharkiv University Bulletin. Chemical Series, 2020, 34, 6-56]**M.M. Blazhynska^{†,a}, A.V. Kyrychenko^{†,b}, D.S. Stepaniuk^{†,c}, O.M. Korsun^{†,d}, S.M. Kovalenko^{†,e}, V.V. Ivanov^{†,f}, F.-A. Miannay^{‡,g}, A. Idrissi^{‡,h}, O.N. Kalugin^{†,i}**[†] V.N. Karazin Kharkiv National University, School of Chemistry, 4 Svobody sqr., 61022 Kharkiv, Ukraine[‡] University Lille, LASIR UMR8516, Cité Scientifique, 59655, Villeneuve d'Ascq Cendex, France

- | | | |
|----|--|---|
| a) | ✉ blazhynska@gmail.com | ORCID https://orcid.org/0000-0003-0749-8772 |
| b) | ✉ a.v.kyrychenko@karazin.ua | ORCID https://orcid.org/0000-0002-6223-0990 |
| c) | ✉ d.s.stepaniuk@gmail.com | ORCID https://orcid.org/0000-0002-2629-0427 |
| d) | ✉ oleksandr.korsun@gmail.com | ORCID https://orcid.org/0000-0003-0792-2342 |
| e) | ✉ kovalenko.sergiy.m@gmail.com | ORCID https://orcid.org/0000-0003-2222-8180 |
| f) | ✉ vivanov@karazin.ua | ORCID https://orcid.org/0000-0003-2297-9048 |
| g) | ✉ francois-alexandre.miannay@univ-lille.fr | ORCID https://orcid.org/0000-0003-1131-8287 |
| h) | ✉ abdenacer.idrissi@univ-lille.fr | ORCID https://orcid.org/0000-0002-6924-6434 |
| i) | ✉ onkalugin@gmail.com | ORCID https://orcid.org/0000-0003-3273-9259 |

The authors regret that the incorrect citation to Figure 3 was provided in the original paper. The correct citation is given below. The authors would like to apologize for any inconvenience caused.

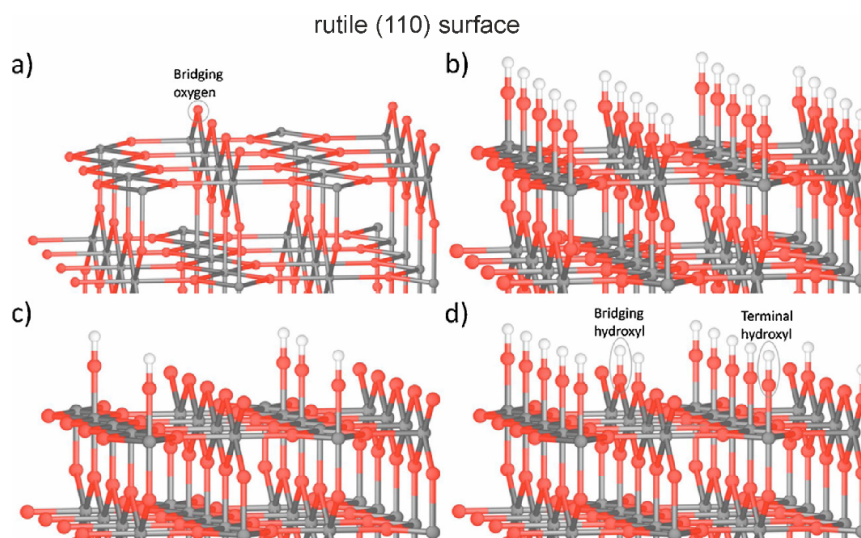


Figure 3. Scheme of rutile (110) surface: a) non-hydroxylated surface, b) fully hydroxylated surface showing the bridging and terminal hydroxyl groups, c) the surface partially covered by terminal hydroxyl groups, d) the surface covered completely by terminal hydroxyl groups and partially covered of bridging hydroxyl groups. Adapted from [6]. © 2017 Elsevier B.V. All rights reserved.

References

...

6. YazdanYar A., Aschauer U., Bowen P. Interaction of biologically relevant ions and organic molecules with titanium oxide (rutile) surfaces: A review on molecular dynamics studies. *Colloids Surf. B* **2018**, *161*, 563-577. <https://doi.org/10.1016/j.colsurfb.2017.11.004>

Kharkiv University Bulletin. Chemical Series. Issue 34 (57), 2020

© Blazhynska M.M., Kyrychenko A.V., Stepaniuk D.S., Korsun O.M., Kovalenko S.M., Ivanov V.V., Miannay F.-A., Idrissi A., Kalugin O.N., 2020