

## Personal Information

**Email:** kyasemin@metu.edu.tr

**Web:** <https://avesis.metu.edu.tr/kyasemin>

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A comprehensive overview of carbazole-EDOT based electrochromic copolymers: A new candidate for carbazole-EDOT based electrochromic copolymer**  
Carbas B. B., Özbakır S., Kaya Y.  
Synthetic Metals, vol.293, 2023 (SCI-Expanded)
- II. **Optical, electrochemical and DFT studies of donor-acceptor typed indole derivatives**  
Carbas B. B., NOORI H. A., Kavak E., KAYA Y., KIVRAK A.  
Journal of Molecular Structure, vol.1271, 2023 (SCI-Expanded)
- III. **Hydrogen adsorption on Co<sup>2+</sup> - and Ni<sup>2+</sup>- exchanged -US-Y and -ZSM-5. A combined sorption, DR UV-Vis, synchrotron XRD and DFT study**  
Sarahan N., Ozbek M. O., Kaya Y., Abdellatif M., İpek Torun B.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.47, no.75, pp.32181-32201, 2022 (SCI-Expanded)
- IV. **Effects of biomimetic synthesis route and sintering temperature on physicochemical, microstructural, and mechanical properties of hydroxyapatite**  
Kaya Y., Jodati H., Evis Z.  
Journal of the Australian Ceramic Society, vol.57, no.4, pp.1117-1129, 2021 (SCI-Expanded)

## Articles Published in Other Journals

- I. **THERMO-ELASTOPLASTIC SOLUTIONS OF A THICK-WALLED TUBE WITH FIXED ENDS SUBJECTED TO A TEMPERATURE CYCLE FROM ITS INNER SURFACE**  
Kaya Y., Eraslan A. N.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.9, no.2, pp.203-212, 2018 (ESCI)
- II. **Analytical solutions to orthotropic variable thickness disk problems**  
ERASLAN A. N., Kaya Y., VARLI E.  
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.22, no.1, pp.24-30, 2016 (ESCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. **DFT+U Study on the Adsorption of NO on Pd and Rh Substituted CeO<sub>2</sub> (110) Surfaces**  
Kaya Y., Önal I.  
3rd International Conference on CATALYSIS AND CHEMICAL ENGINEERING, Texas, United States Of America, 25 - 27 February 2019, pp.80-81
- II. **Peridynamic modeling of wrinkling in a graphene layer**  
Diyaroglu C., Behera D., Madenci E., KAYA Y., Kedziora G., Nepal D.

## **Metrics**

Publication: 9

Citation (WoS): 5

Citation (Scopus): 9

H-Index (WoS): 2

H-Index (Scopus): 2