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RESEARCH METRICS

h-index (Scopus)	9
h-index (GS)	9
Citations (Scopus)	302
Citations (GS)	341
Documents (Scopus)	15
Documents (GS)	20

RESEARCH INTERESTS

- Corrosion Engineering
- Tribology
- Mechanical properties of material
- Advanced metallic systems

COURSES

- **Engineering Metallurgy** (E01)
- **Engineering Economy** (E02)
- **English 4** (E3)
- **Tribology Engineering** (E4)

PUBLICATIONS (20)

1. **Using electrochemical noise EN to investigate the tribocorrosion behaviour of Ti27.78Zr27.78Hf27.78Nb8.33Ta8.33 at% HEA**
   Wear | 2026 | Cited: 2
2. **The Effect of Metal Microstructure on the Friction and Wear of Metal Alloys**
   Elsevier, 2026 | 2026
3. **The influence of grain size and crystallographic structure on the surface oxide layer and corrosion performance of CoCrMo biomedical alloy in simulated physiological fluid**
   Available at SSRN 6910047, 0 | 2026
4. **Using Electrochemical Noise EN To Study the Tribocorrosion Mechanisms for Ti6Al4V and SS 304 in Ringer's Solution**
   Journal of Bio-and Tribo-Corrosion 12 (1), 24, 2026 | 2026 | Cited: 1
5. **Influence of High-Pressure Torsion Method on the Mechanical Properties of Ti-6Al-4V.**
   Wasit Journal of Engineering Sciences 14 (2), 487-495, 2026 | 2026
6. **Microstructure, mechanical properties and tribocorrosion testing of selective laser melted ZTM35E alloy**
   Journal of Materials Research and Technology, 2025 | 2025 | Cited: 1
7. **Investigating the relevance of TiNbTaZr high entropy alloy for orthopaedic applications**
   Wear 548, 205393, 2024 | 2024 | Cited: 17
8. **Using green corrosion inhibitor to reduce maintenance cost for carbon steel saline water storage systems in the oil industry**
   Koroze a Ochrana Materiálu 68 (1), 43-50, 2024 | 2024 | Cited: 7
9. **Investigating the correlation between Nanoindentation and Vickers hardness of Ti6Al4V, pure copper and AISI316 stainless steel**
   Wasit Journal of Engineering Sciences 12 (1), 84-92, 2024 | 2024
10. **Studying the oxide layer status of Ti6Al4V and CoCrMo alloys in simulated body fluid**
    AIP Conference Proceedings 2660 (1), 020107, 2022 | 2022
11. **The influence of cathodic potentials on the surface oxide layer status and tribocorrosion behaviour of Ti6Al4V and CoCrMo alloys in simulated body fluid**
    Biotribology 30, 100212, 2022 | 2022 | Cited: 19
12. **Effect of grain size and crystallographic structure on the corrosion and tribocorrosion behaviour of a CoCrMo biomedical grade alloy in simulated body fluid**
    Wear 478, 203884, 2021 | 2021 | Cited: 33
13. **Sliding speed influence on the tribo-corrosion behaviour of Ti6Al4V alloy in simulated body fluid**
    Tribology International 160, 107023, 2021 | 2021 | Cited: 61
14. **The influence of protein concentration, temperature and cathodic polarization on the surface status of CoCrMo biomedical grade alloys**
    Applied surface science 499, 143908, 2020 | 2020 | Cited: 39

15. **Influence of protein adsorption on tribocorrosion behaviour of CoCrMo biomedical-grade alloys**
Tribology International 150, 106364, 2020 | 2020 | Cited: 36

16. **Improved tribocorrosion resistance by addition of Sn to CrFeCoNi high entropy alloy**
Metals 11 (1), 13, 2020 | 2020 | Cited: 23

17. **In-situ Ti-6Al-4V/TiC composites synthesized by reactive spark plasma sintering: processing, microstructure, and dry sliding wear behaviour**
Wear 432, 202944, 2019 | 2019 | Cited: 74

18. **CoCrMo alloys in hip and knee replacements application**
University of Sheffield, 2018 | 2018 | Cited: 4

19. **Correlation of the wear transition in CoCrMo alloys with the formation of a nanocrystalline surface layer and a proteinaceous surface film**
Wear 376, 223-231, 2017 | 2017 | Cited: 24

20. **Surface Modification of Multiwall Carbon Nanotubes for Metal Matrix Nan composite Applications**
2014 | Cited: 3