

2021 İÇERİSİNDE GERÇEKLEŞTİRİLEN YAYINLAR

MAKALELER

SCI, SCI-Expanded, SSCI Kapsamındaki Dergilerde Yayımlanmış Makaleler

1. **Özkurt B.**, (2021). Large Jc Enhancement of Bi-2212 Ceramics by Triple Doping of Li, K, and Na in Bi 1.8-x (Li, Na, K) x Sr 2 Ca 1.1 Cu 2.1 O y (x= 0.05, 0.1, and 0.25) Composition. Journal of Superconductivity and Novel Magnetism, 34(4), 1059-1066.
2. **Özkurt B.**, (2021). Enhanced critical current density in the nano-sized metallic Au-added $\text{Bi}_{1.8}\text{Sr}_2\text{Au}_{0.2}\text{Ca}_{1.1}\text{Cu}_{2.1}\text{O}_y$ (Bi-2212) ceramics by means of optimization of the dwell time at 870° C. Journal of Materials Science: Materials in Electronics, 32(5), 6028-6037.
3. Duman A. N., Colak S. G., Alas M. O., Er O., Tuncel A., Ozturk I., ... & **Ocakoglu K.**, (2021). Enhanced bacterial uptake of ^{131}I -labeled antimicrobial imidazolium bromide salts using fluorescent carbon nanodots. Materials Today Communications, 26, 102167.
4. Liu Y., Gong X., Yüksel S., Dinçer H., **Ocakoğlu K.**, & Aydin R., (2021). A multidimensional outlook to energy investments for the countries with continental shelf in East Mediterranean Region with Hybrid Decision Making Model based on IVIF logic. Energy Reports, 7, 158-173.
5. **Ocakoğlu K.**, Dizge N., Colak S. G., Ozay Y., Bilici Z., Yalcin M. S., Ozdemir S., Yatmaz H. C., (2021). Polyethersulfone membranes modified with CZTS nanoparticles for protein and dye separation: Improvement of antifouling and self-cleaning performance. Colloids Surf. A Physicochem. Eng, doi: 10.1016/j.colsurfa.2021.126230.
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7. Jacquet M., Kiliszek M., Osella S., Izzo M., Sar J., **Harputlu E.**, ... & Kargul J., (2021). Molecular mechanism of direct electron transfer in the robust cytochrome-functionalised graphene nanosystem. RSC Advances, 11(31), 18860-18869.
8. Yuzer A., Kurtay G., Ince T., Yurtdas S., **Harputlu E.**, **Ocakoglu K.**, Gullu M., Tozlu C., **Ince M.**, (2021). Solution-processed small-molecule organic solar cells based on non-aggregated zinc phthalocyanine derivatives: A comparative experimental and theoretical study. Mater. Sci. Semicond. Process, doi: 10.1016/j.mssp.2021.105777.
9. Aydin E. B., Aydin M., Yuzer A., **Ince M.**, **Ocakoğlu K.**, Sezgintürk M. K., (2021). Detection of Kallikrein-Related Peptidase 4 with a Label-free Electrochemical Impedance Biosensor Based on a Zinc(II) Phthalocyanine Tetracarboxylic Acid-Functionalized Disposable Indium Tin Oxide Electrode. ACS Biomater Sci. Eng., 10.1021/acsbiomaterials.0c01602.
10. **Ince M.**, Kuboi R., Ince T., Yoshimura K., Motoyoshi D., Sonobe M., Kudo R., Mori S., Kimura M., Torres T., (2021). The effect of bulky electron-donating thioether substituents on the performances of phthalocyanine based dye sensitized solar cells. Sustain Energ Fuels, 5, 584-589.
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12. Saran S., **Özkendir O. M.**, Atav Ü., (2021). The effect of two different substituted atoms in lithium positions on the structure of garnet-type solid electrolytes. Turkish Journal of Physics.

13. Erat S., Telli A., **Özkendir O. M.**, Demir B., (2021). Turkey's energytransition from fossil-based to renewable up to 2030: milestones, challenges and opportunities. *Clean Technologies and Environmental Policy*.
14. Erat S., **Özkendir O. M.**, Yıldırımcan S., Günaydin S., Harfouche M., Demir B., Braun A., (2021). Study on crystallographic and electronicstructure of micrometre-scale ZnO and ZnO:B rods via X-ray absorption fine-structurespectroscopy. *Journal of Synchrotron Radiation*, 28(2), 448-454., Doi: 10.1107/S1600577520015866 (Yayın No: 6969955)
15. **Özkendir O. M.**, (2021). Influence of Sn substitution on the electronic structure of ThGeO₄semiconductors. *Journal Of Optoelectronics And Advanced Materials*, 23, 193-198. (Yayın No: 7036394)
16. **Özkendir O. M.** (2021). Influence of temperature dependence and Li substitution onthe electronic structure of delafossite CuFeO₂ and CuFeS₂ semiconductors. *Materialia*, 15, 100965 (Yayın No: 6619167)
17. Boulaem M., **Özkendir O. M.**, Hassanien A.S., Maleque M. A., (2021). Spin-orbitcoupling effect on the electronic structure of Sr₂FeHfO₆ alloy for spintronics application. *Journal of Magnetism and Magnetic Materials*, 518, 167374 (Yayın No: 6487640)
18. Al-Salihu S. K., **Aydın S.**, Ghaeb N. H., (2021). SWFT: Subbands Wavelet For Local Features Transform descriptor For Corneal Diseases Diagnosis. *Turk J Elec Eng & Comp Sci* 29,875-896.
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20. Durmus A., **Özfidan A.**, (2021). Relativistic treatment of alkaline earth dimers in the presence of non-central molecular potential in N-dimensions. *Chemical Physics* 543, 10.1016/j.chemphys.2020.111078

Uluslararası Hakemli Dergilerde Yayımlanan Makaleler

1. Esen G. Ü. L., **Özkurt B.**, Aytekin M. E., **Ocakoğlu K.**, (2021). Au katkılı Bi-2212 süperiletkenlerin yapısal, elektriksel ve manyetik özellikleri. *Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi*, 27(1), 70-77. (E-SCI)
2. **Özkendir O. M.**, (2021). An XAFS Study on the Electronic Structure Study of the BoronSubstituted CuFeO₂. *International Journal of Engineering Applied Sciences*, 13(1), 10-16.,Doi: 10.24107/ijeas.854437
3. **Özkendir O. M.**, (2021). Heat Treatment Calculations of CaTiO₃ Material to Probe theOxygen non-stoichiometry. *Lab-in-Silico*, 2(1), 20-24., Doi: 10.22034/labinsilico21021020 (Yayın No: 6975489)
4. **Topaklı H.**, (2021). Gate/Geant4 Dose Distribution Simulation with Carbon-12 Ion source in water. *Advanced Journal of Science and Engineering* (<https://doi.org/10.22034/advjscieng21021036>) (E-SCI)
5. **Şahinkaya S.**, Quynh T. C., (2021). Kernel Stable and Uniquely Generated Modules. *MATHEMATICA*. 63 (86), No 1, 119–127.
6. **Altınok M.**, Küçükaslan M., Kaya U., (2021). Statistical extension of bounded sequence space. *Communications Faculty of Sciences University of Ankara Series A1 Mathematics and Statistics*, 73(1), 82-99. (E-SCI)
7. **Altınok M.**, Kaya U., Küçükaslan M., (2021). $\$|\lambda|$ -statistical supremum-infimum and $\$|\lambda|$ -statistical convergence. *Journal of Universal Mathematics*. 4(1), 34-41.

8. Çuvalcioğlu G., **Tarsuslu (Yılmaz) S.**, (2021). Isomorphism Theorems on Intuitionistic Fuzzy Abstract Algebras. Communications in Mathematics and Applications, 12(1), pp. 109–126, (E-SCI)

Ulusal Hakemli Dergilerde Yayımlanmış Makaleler

1. **Şahinkaya S.**, Üstün D., (2021). Approaching the Minimum Distance Problem by Algebraic Swarm-Based Optimizations. Turkish Journal of Mathematics and Computer Science, 13(1), 129-134.

KİTAPLAR

TEBLİĞ (BİLDİRİ)

1. **Altınok M.**, Küçükaslan M., (2021). $\mu(f)$ -statistical convergence of measurable functions. E-First Western Balkan Conference on Mathematics and applications (WBCMA2021), June, 11-12 2021, Kosova (Uluslararası Bildiri/Özet)
2. **Tarsuslu(Yılmaz) S.**, Çuvalcioğlu G., (2021). Intuitionistic Fuzzy Quasi-Interior Ideals Of Semigroups. 7th Ifs And Contemporary Mathematics Conference (IFSCOM2021), May, 25-29 2021, Turkey, pp.112. (Uluslararası Bildiri/Özet)