

KİMYA BÖLÜMÜ AKADEMİK PERSONELİ TARAFINDAN

2022 YILINDA HAKEMLİ DERGİLERDE YAPILAN BİLİMSEL YAYINLAR

Kimya Bölümü öğretim üyeleri tarafından 2022 yılı içerisinde yapılan yayınlar öncelikle bir tablo halinde sunulmuş olup, sonrasında en çok yayını olan öğretim üyesinden başlayacak şekilde her bir öğretim üyesine ait olan yayın bilgileri sunulmuştur. Toplamda yapılan 28 adet yayının 27 tanesinin Web of Science (WOS) kapsamında taranan dergilerde yapıldığı bir tanesinin ise Ulakbim/TR dizinde taranan dergilerde yapıldığı belirlenmiştir. WOS'ta yapılan yayınlardan; üç tanesinin Q1 çeyreklik diliminde, dokuz tanesinin Q2 çeyreklik diliminde, sekiz tanesinin Q3 çeyreklik diliminde, altı tanesinin Q4 çeyreklik diliminde olacak şekilde SCI-Exp. indeksinde tarandığı, 2 tanesinin ise ESCI kapsamında tarandığı belirlendi.

Akademik Personel	Web of Science	Diğer	Toplam Yayın Sayısı
Prof. Dr. İbrahim EROL	10	-	10
Prof. Dr. Ömer HAZMAN	5	-	5
Prof. Dr. Sedat YURDAKAL	3	-	3
Prof. Dr. Laçine AKSOY	2	1	3
Doç. Dr. Mustafa UÇAR	3	-	3
Dr. Öğr. Üyesi Mürüvvet DÜZ	2	-	2
Prof. Dr. Gülderen UYSAL AKKUŞ	1	-	1
Prof. Dr. Aysel BÜYÜKSAĞIŞ	1	-	1
TOPLAM	27	1	28

Yayın Bilgileri	Yayının Tarandığı İndeks		
	Web of science indekse göre		Diğer indeksler
	SCI- Exp / ESCI	Q değeri	
Prof. Dr. İbrahim EROL			
Synthesis of Moringa oleifera coated silver containing nanocomposites of a new methacrylate polymer having pendant fluoroarylketone by hydrothermal technique and investigation of thermal, optical, dielectric and biological properties, I Erol , I H Cigerci, A Özkara, D Akyıl, M Aksu, Journal of Biomaterials Science, Polymer Edition, 2022, 33:10,1231-1255. https://doi.org/10.1080/09205063.2022.2046986	SCI- Exp	Q2	
Synergistic effect of ZnO nanoparticles and hesperidin on the antibacterial properties of chitosan, I Erol , Ö Hazman, M Aksu, E Bulut, Journal of Biomaterials Science, Polymer Edition, 2022, 33 (15), 1973-1997. https://doi.org/10.1080/09205063.2022.2099668	SCI- Exp	Q2	
Kinetic parameters, thermal stability, biological activity, and dielectric properties of new methacrylate-based copolymers functionalized with methylparaben, I Erol , H Akbıyık, Journal of Polymer Research, 2022,	SCI- Exp	Q2	

29, 93. https://doi.org/10.1007/s10965-022-02950-6			
A new methacrylate polymer functionalized with fluoroarylketone prepared by hydrothermal method and its nanocomposites with SiO ₂ : thermal, dielectric, and biocidal properties, I Erol , Z Gürler, Polymer Bulletin, 2022. https://doi.org/10.1007/s00289-022-04195-1	SCI-Exp	Q3	
Synthesis and characterization of novel sulfonamide functionalized maleimide polymers: Conventional kinetic analysis, antimicrobial activity and dielectric properties, I Erol , Journal of Molecular Structure, 2022, 1255. https://doi.org/10.1016/j.molstruc.2022.132362	SCI-Exp	Q3	
Preparation of PHEMA/TiO ₂ nanocomposites by combination of in-situ polymerization/hydrothermal method and determination of their thermal, swelling, biological and dielectric properties, I Erol , S Yurdakal, K Demirelli, Z Gürler, Journal of Polymer Research, 202,2 29, 281. https://doi.org/10.1007/s10965-022-03146-8	SCI-Exp	Q2	
Synthesis of novel methacrylate-based nanocomposites containing ZnO via the hydrothermal method and determination of thermal, optical, and biocidal properties, I Erol , M Aksu, Z Gürler Journal of Applied Polymer Science, 2022, 139:e53030. https://doi.org/10.1002/app.53030 .	SCI-Exp	Q2	
Preparation of poly(AAm-co-HEMA)/ZnO nanocomposites via in situ polymerization/hydrothermal method and determination of their properties, I Erol , M Aksu, Z Gürler, Polymer Bulletin, 2022. https://doi.org/10.1007/s00289-022-04343-7	SCI-Exp	Q3	
ZnO-doped PFPAMA: a novel transparent conducting polymer for fast photodiodes, R O Ocaya, I Erol , A G Al-Sehemi, A Dere, A A Al-Ghamdi, F Yakuphanoglu, J Mater Sci: Mater Electron, 2022. https://doi.org/10.1007/s10854-022-09192-8 .	SCI-Exp	Q2	
Hydrothermal Synthesis of ZnO-Doped Poly-2-(4-Fluorophenyl)-2-Oxoethyl-2-Methylprop-2-Enoate Nanocomposites for Electronic Devices, I Erol , A G Al-Sehemi, A Tataroğlu, A Dere, A A Al-Ghamdi, F Yakuphanoglu, Journal of Macromolecular Science, Part B, 2022, 61, 7–8, 958–970. https://doi.org/10.1080/00222348.2022.2122310 .	SCI-Exp	Q4	
Prof. Dr. Sedat YURDAKAL			
Selective photoelectrocatalytic oxidation of glycerol by nanotube, nanobelt and nanosponge structured TiO ₂ on Ti plates, S Çetinkaya, G Khamidov, L Özcan, L Palmisano, S Yurdakal , 2022, Journal of Environmental Chemical Engineering, 10, 107210. https://doi.org/10.1016/j.jece.2022.107210	SCI-Exp	Q1	

Selective photocatalytic oxidation of glycerol and 3-pyridinemethanol by nanotube/nanowire structured TiO ₂ powders obtained by breakdown anodization, S Çetinkaya, G Khamidov, L Özcan, L Palmisano, S Yurdakal , 2022, <i>Frontiers in Chemistry</i> , 10: 856947. https://doi.org/10.3389/fchem.2022.856947	SCI-Exp	Q2	
Preparation of PHEMA/TiO ₂ nanocomposites by combination of in-situ polymerization/hydrothermal method and determination of their thermal, swelling, biological and dielectric properties, I Erol, S Yurdakal , K Demirelli, Z Gürler, 2022, <i>Journal of Polymer Research</i> , 29, 281. https://doi.org/10.1007/s10965-022-03146-8	SCI-Exp	Q2	
Prof. Dr. Ömer HAZMAN			
The effects of β-escin on inflammation, oxidative stress and Langerhans islet cells in high-fat diet and streptozotocin injection induced experimental type-2 diabetes model, Ö Hazman , M F Bozkurt, Z B Kumral, M Savrik, B Sindarov, M N Bhaya, 2022, <i>Biologia</i> , 1-13. https://doi.org/10.1007/s11756-022-01266-6	SCI-Exp	Q3	
LC-MS/MS profiles, multi-element levels and biological activities of <i>Hypericum heterophyllum</i> Vent, Ö Hazman , L Aksoy, A Büyükben, R Kara, M Kargioğlu, I H Cigerci, 2022, <i>Indian Journal of Experimental Biology (IJEB)</i> , 60 (10), 743-752. DOI: 10.56042/ijeb.v60i10.55070.	SCI-Exp	Q4	
Synergistic effect of ZnO nanoparticles and hesperidin on the antibacterial properties of chitosan, I Erol, Ö Hazman , M Aksu, E Bulut, <i>Journal of Biomaterials Science, Polymer Edition</i> 33 (15), 1973-1997. https://doi.org/10.1080/09205063.2022.2099668	SCI-Exp	Q2	
Cytotoxic and Genotoxic Evaluation of Biosynthesized Silver Nanoparticles Using <i>Moringa oleifera</i> on MCF-7 and HUVEC Cell Lines, H Alkan, I H Cigerci, M M Ali, Ö Hazman , R Liman, F Colă, E Bonciu, 2022, <i>Plants</i> 11 (10), 1293. DOI: 10.3390/plants11101293	SCI-Exp	Q1	
Two faces of arbutin in hepatocellular carcinoma (HepG2) cells: Anticarcinogenic effect in high concentration and protective effect against cisplatin toxicity through its antioxidant and anti-inflammatory activity in low concentration, Ö Hazman , H Evin, M F Bozkurt, I H Cigerci, 2022, <i>Biologia</i> 77 (1), 225-239. https://doi.org/10.1007/s11756-021-00921-8	SCI-Exp	Q3	
Prof. Dr. Laçine AKSOY			
LC-MS/MS profiles, multi-element levels and biological activities of <i>Hypericum heterophyllum</i> Vent, Ö Hazman , L Aksoy , A Büyükben, R Kara, M Kargioğlu, I H Cigerci, 2022, <i>Indian Journal of Experimental Biology (IJEB)</i> , 60 (10), 743-752.	SCI-Exp	Q4	

DOI: 10.56042/ijeb.v60i10.55070.			
Essential Oil Content, Antioxidative Characteristics and Enzyme Inhibitory Activity of <i>Sideritis akmanii</i> Aytaç, Ekici & Dönmez L Aksoy , İ Güzey, M Düz, 2022, Turkish Journal Of Pharmaceutical Science. 28;19(1):76-83. DOI: 10.4274/tjps.galenos.2021.86422	ESCI	Q3	
Total Phenolic Content, Antioxidant Properties and Element Concentrations of Methanol and Acetone Extracts of <i>Stachys tmolea</i> Boiss. L Aksoy , S Demir, 2022, Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi 22, 1271-1278. https://doi.org/10.35414/akufemubid.1099557			Ulakbim TR dizin
Doç. Dr. Mustafa UÇAR			
Efficient green photocatalyst of silver-based palladium nanoparticles for methyle orange photodegradation, investigation of lipid peroxidation inhibition, antimicrobial, and antioxidant activity, F Karimi, N Rezaei-savadkouhi, M Uçar , A Aygun, R N E Tiri, I Meydan, E Aghapour, H Seckin, D Berikten, T Gur, F Sen, 2022, Food and Chemical Toxicology, 169, 113406. https://doi.org/10.1016/j.fct.2022.113406	SCI- Exp	Q1	
Gamma-ray-shielding parameters of carbon-aramid epoxy composites, M Uçar , H F Kayıran, A V Korkmaz, 2022, Emerging Materials Research, 11(3), 338–344. https://doi.org/10.1680/jemmr.22.00072	SCI- Exp	Q4	
Development and characterisation of multifunctional surface coatings for photovoltaic panels, M Uçar , A Evcin, O Çelen, 2022, Emerging Materials Research, 11(1), 19–32. https://doi.org/10.1680/jemmr.21.00041	SCI- Exp	Q4	
Dr. Öğr. Üyesi Mürüvvet DÜZ			
Microwave-assisted green synthesis, characterization, and antioxidant activity of silver nanoparticles using the aqueous extract of <i>Cistus creticus</i> , M Düz , O Yakut, 2022, Particulate Science and Technology, DOI: 10.1080/02726351.2022.2126339	SCI- Exp	Q3	
Essential Oil Content, Antioxidative Characteristics and Enzyme Inhibitory Activity of <i>Sideritis akmanii</i> Aytaç, Ekici & Dönmez L Aksoy , İ Güzey, M Düz , 2022, Turkish Journal of Pharmaceutical Science. 28;19(1):76-83. DOI: 10.4274/tjps.galenos.2021.86422	ESCI	Q3	
Prof. Dr. Gülderen UYSAL AKKUŞ			
<i>Bacillus aryabhattai</i> SMNCH17-07 Strain: First Isolation and Characterization from Textile Waste Water with Evaluation of Its	SCI- Exp	Q4	

Decolorization Ability against Azo Dyes, S E Korcan, K Çitekci, B Aydın, A B Abed, G U Akkuş , 2022, Tekstil ve Konfeksiyon, 32(2), 99-107. DOI: 10.32710/tekstilvekonfeksiyon.929205			
Prof. Dr. Aysel BÜYÜKSAĞIŞ			
Effect of Electro Spark Deposition Coatings on Surface Hardness and Corrosion Resistance of Ductile Iron, Y Kayalı, M C Yalçın, A Büyüksağış , 2022, Canadian Metallurgical Quarterly. https://doi.org/10.1080/00084433.2022.2119039	SCI-Exp	Q3	