

2021 Yılı SCI Endekslerindeki Yıllık Yayın Sayısı

		Çeyreklik Dilimi
1.	Ağın F. A review of voltammetric methods for determination of dopamine agonists. Current Analytical Chemistry, 17(8) 1104-1113, 2021	Q3
2.	Ağın F., Doğan İ.S. Voltammetric methods used in the determination of nucleoside reverse transcriptase inhibitors. Current Pharmaceutical Analysis, 17(3): 409-420, 2021	Q4
3.	Ağın F., Öztürk G., Kul D. Voltammetric analysis of ephedrine in pharmaceutical dosage forms and urine using poly(Nile blue A) modified glassy carbon electrode. Combinatorial Chemistry and High Throughput Screening, 24(3): 366-375, 2021	Q2
4.	Arroo R.R.J., Bhambra A.S., Hano C., Renda G., Ruparelia K.C., Wang M.F. Analysis of plant secondary metabolism using stable isotope-labelled precursors. Phytochemical Analysis, 32(1): 62-68, 2021	Q2
5.	Badem M., Sener S. Ö., Kanbolat Ş., Korkmaz N., Yildirmiş S., Ozgen U., et al. Evaluation of biological activities of <i>Barbarea integrifolia</i> and isolation of a new glucosinolate derivated compound. Zeitschrift Fur Naturforschung Section C-A Journal of Biosciences, 76(9-10): 375-382, 2021	Q3
6.	Bahcecioglu O.F., Gok S., Durmuş M. Is it safe to use remdesivir in combination with a combined p-glycoprotein and CYP3A4 inhibitor? European Journal of Hospital Pharmacy, 28(2), 2021	Q3
7.	Barut B., Baş H., Bıyıklıoğlu Z. Pyridine substituted BODIPYs: synthesis, characterization and cholinesterase, α -glucosidase inhibitory, DNA hydrolytic cleavage effects. Turkish Journal of Chemistry, 45(5): 1567-1575, 2021	Q3
8.	Barut B., Keles T., Bıyıklıoğlu Z., Yalçın C.Ö. Peripheral or nonperipheral tetra-[4-(9H-carbazol-9-yl)phenoxy] substituted cobalt(II), manganese(III) phthalocyanines: Synthesis, acetylcholinesterase, butyrylcholinesterase, and α -glucosidase inhibitory effects and anticancer activities. Applied Organometallic Chemistry, 35(1), 2021	Q1
9.	Barut B., Sari S., Sabuncuoğlu S., Özel A. Azole antifungal compounds could have dual cholinesterase inhibitory potential according to virtual screening, enzyme kinetics, and toxicity studies of an inhouse library. Journal of Molecular Structure, cilt: 1235, 2021	Q2
10.	Barut B., Yalçın C.Ö., Demirbaş Ü. The water soluble Zn(II) and Mg(II) phthalocyanines: Synthesis, photochemical, DNA photodamage and PDT effects against A549 cells. Journal of Photochemistry and Photobiology A-Chemistry, cilt: 405, 2021	Q2
11.	Barut E.N., Engin S., Saygın İ., Kaya-Yasar Y., Arici S., Sezen S.F. Alpha-lipoic acid: A promising adjuvant for nonsteroidal anti-inflammatory drugs therapy with improved efficacy and gastroprotection. Drug development Research 82(6): 844-851, 2021	Q2
12.	Celik G., Kılıç G., Kanbolat Ş., Sener S.Ö., Karakose M., Yaylı N., et al. Biological activity, and volatile and phenolic compounds from five Lamiaceae species. Flavour and Fragrance Journal, 36(2): 223-232, 2021	Q3
13.	Ciftci H.I., Radwan M.O., Sever B., Hamdy A.K., Emirdağ S., Ulusoy N.G., et al. EGFR-targeted pentacyclic triterpene analogues for glioma therapy. International Journal of Molecular Sciences, 22(20), 2021	Q1
14.	Dindar C.K., Erkmen C., Yıldırım S., Bozal Palabıyık B., Uslu B. Interaction of citalopram and escitalopram with calf <i>Thymus</i>	Q1

	DNA: A spectrofluorometric, voltammetric, and liquid chromatographic approach. Journal of Pharmaceutical and Biomedical Analysis, cilt: 195, 2021	
15.	Durmuş M., Bahcecioglu O.F., Gok S. Daptomycin in combination with rosuvastatin induced blood creatine phosphokinase elevation. European Journal of Hospital Pharmacy, 28(4): 234-236, 2021	Q3
16.	Engin S., Barut E.N., Soysal A.C., Keskin O., Kerimoğlu G., Duman M., et al. Double benefit of metformin treatment: improved bladder function in cyclophosphamide-induced cystitis and enhanced cytotoxicity in cancer cells. Naunyn-Schmiedeberg's archives of pharmacology, 394(6): 1167-1175, 2021	Q2
17.	Engin S., Yasar Y.K., Barut E.N., Sezen S.F. Improved endothelium-dependent relaxation of thoracic aorta in niclosamide-treated diabetic rats. Cardiovascular toxicology, 21(7): 563-571, 2021	Q2
18.	Erik İ., Çoşkunçelebi K., Makbul S., Yaylı N. New chlorogenic acid derivatives and triterpenoids from <i>Scorzonera aucheriana</i> . Turkish Journal of Chemistry, 45(1): 199-209, 2021	Q3
19.	Erik İ., Yaylı N., Çoşkunçelebi K., Makbul S., Karaogul S.A. Three new dihydroisocoumarin glycosides with antimicrobial activities from <i>Scorzonera aucheriana</i> . Phytochemistry Letters, 43: 45-52, 2021	Q4
20.	Fandakli S., Korkmaz B., Faiz Ö., Bozdal G., Erik İ., Terzioğlu S., et al. Chemical variation, antimicrobial, nitric oxide scavenging activities and tyrosinase inhibition of essential oils and solvent extracts from <i>Filipendula vulgaris</i> Moench growing in Turkey. Iranian Journal of Pharmaceutical Research, 20(3): 110-120, 2021	Q3
21.	Gok S., Bahcecioglu O.F., Durmuş M., Gün Z.Ü., Ersoy Y., Aytemur Z.A., et al. The safety profile of favipiravir in COVID-19 patients with severe renal impairment. International Journal of Clinical Practice, 75(12), 2021	Q2
22.	Guler H. İ., Tatar G., Yildiz O., Belduz A.O., Kolayli S. Investigation of potential inhibitor properties of ethanolic propolis extracts against ACE-II receptors for COVID-19 treatment by molecular docking study. Archives of Microbiology, 203(6): 3557-3564, 2021	Q3
23.	Gunsel A., Kalkan F., Atmaca G.Y., Barut B., Bilgili A.T., Piskin H., et al. Synthesis of water-soluble phthalocyanines containing 1-methyl-1H-imidazole-2-thiol: Investigation of DNA nuclease, alpha-glucosidase inhibitory, and photo-physicochemical properties. Applied Organometallic Chemistry, 35(6), 2021	Q1
24.	Güler H.İ., Sal F., Can Z., Kara Y., Yıldız O., Beldüz A.O., et al. Targeting CoV-2 spike RBD and ACE-2 interaction with flavonoids of Anatolian propolis by in silico and in vitro studies in terms of possible COVID-19 therapeutics. Turkish Journal of Biology, 45(4): 530-548, 2021	Q3
25.	Isik H., Öztürk G., Ağın F., Kul D. Electroanalytical analysis of guaifenesin on poly(acridine orange) modified glassy carbon electrode and its determination in pharmaceuticals and serum samples. Combinatorial Chemistry & High Throughput Screening, 24(3): 376-385, 2021	Q2
26.	Kantekin H., Yalazan H., Barut B., Güngör Ö., Ünlüer D., Demirbaş Ü., et al. Dual-purpose both peripheral and non-peripheral triazole substituted ZnII, MgII and PbII phthalocyanines: Synthesis, characterization, photophysicochemical and acetylcholinesterase inhibitory properties. Polyhedron, cilt: 208, 2021	Q1
27.	Kaya S., Yıldırım S., Cetinkaya A., Erkmn C., Uslu B., Özkan S. A. Nanomaterial-based electroanalytical sensors for the selected prohibited anabolic agents, hormones and metabolic modulators and their sensitive assays. TRAC-Trends in Analytical Chemistry,	Q1

	cilt: 145, 2021	
28.	Keleş T., Barut B., Özel A., Bıyıklıoğlu Z. Design, synthesis and biological evaluation of water soluble and non-aggregated silicon phthalocyanines, naphthalocyanines against A549, SNU-398, SK-MEL128, DU-145, BT-20 and HFC cell lines as potential anticancer agents. <i>Bioorganic Chemistry</i> , cilt:107, 2021	Q1
29.	Keleş T., Barut B., Yıldırım S., Yalçın C.Ö., Bıyıklıoğlu Z. Synthesis of water-soluble BODIPY dyes and investigation of their DNA interaction properties and cytotoxicity/phototoxicity. <i>Applied Organometallic Chemistry</i> , 35(11), 2021	Q1
30.	Kilic G., Tosun G., Bozdeveci A., Erik İ., Öztürk E., Reis R., et al. Antimicrobial, cytotoxic, antiviral effects, and spectroscopic characterization of metabolites produced by fusarium oxysporum YP9B. <i>Records of Natural Products</i> , 15(6): 547-567, 2021	Q3
31.	Memiş H., Çakır A., Durmuş M., Gok S., Bahcecioglu O.F. Is sitagliptin effective for the treatment of COVID-19? <i>European Journal of Hospital Pharmacy</i> , 29(6), 2021	Q3
32.	Özgünseven A., Barut B., Soral M., Sarı S., Akaydın G., Özel A., et al. Alpha-glucosidase and tyrosinase inhibitor of polyphenols isolated from <i>Potentilla speciosa</i> var. <i>speciosa</i> : <i>In vitro</i> and <i>in silico</i> perspectives. <i>Industrial Crops and Products</i> , 170: 113806, 2021	Q1
33.	Öztürk E., Yıldırım S., Akyol Mutlu A. Determination of aluminum concentrations of parenteral nutrition solutions by HPLC. <i>European Journal of Clinical Nutrition</i> , 75(3): 567-569, 2021	Q2
34.	Renda G., Duman M., Kilic M., Korkmaz B., Kirmizibekmez H. Anti-inflammatory secondary metabolites from <i>Scrophularia kotschyana</i> . <i>Human & Experimental Toxicology</i> , 40(12), Suppl., 2021	Q2
35.	Sarı S., Barut B., Özel A., Sarac S. Discovery of potent alpha-glucosidase inhibitors through structure-based virtual screening of an in-house azole collection. <i>Chemical Biology & Drug Design</i> , 97(3): 701-710, 2021	Q2
36.	Sellitepe H.E., Oh J. M., Doğan İ.S., Yıldırım S., Aksel A.B., Jeong G. S., Et Al. Synthesis of n ¹ -(4-/3-/2-/non-substituted benzylidene)-4-[(4-methylphenyl)sulfonyloxy] benzohydrazides and evaluation of their inhibitory activities against monoamine oxidases and beta-secretase. <i>Applied Sciences-Basel</i> , 11(13), 2021	Q1
37.	Sezen Karaoglan, Esen; Gormez, Arzu; Yılmaz, Bilal; Kacı, Fatma Necmiye; Ozgen, Ufuk. Composition and bioactivity of essential oil from <i>Stachys macrostachya</i> (Wend.) Briq. <i>Annals of the Brazilian Academy of Sciences (Anais da Academia Brasileira de Ciencias)</i> 26; 93(3): e20200641. 2021	Q3
38.	Şener S.Ö., Özgen U., Kanbolat Ş., Korkmaz N., Badem M., Hanci H., et al. Investigation of therapeutic potential of three endemic <i>Cirsium</i> species for global health problem obesity. <i>South African Journal of Botany</i> , 141: 243-254, 2021	Q2
39.	Şenol Deniz, F.S.; Eren, G.; Erdoğan Orhan, İ.; Sener, B.; Özgen, U.; Aldaba, R.; Calis, I. Outlining <i>in vitro</i> and <i>in silico</i> cholinesterase inhibitory activity of twenty-four natural products of various chemical classes: Smilagenin, Kokusaginine, and Methyl Rosmarinate as emboldening inhibitors. <i>Molecules</i> , 26(7), 2021	Q2
40.	Unal D.N., Yıldırım S., Kurbanoglu S., Uslu B. Current trends and roles of surfactants for chromatographic and electrochemical sensing. <i>TRAC-Trends in Analytical Chemistry</i> , cilt: 144, 2021	Q1
41.	Yagci S., Gözelle M., Kaya S.G., Özkan Y., Aksel A.B., Bakar-Ates F., et al. Hit-to-lead optimization on aryloxybenzamide derivative virtual screening hit against SIRT. <i>Bioorganic & Medicinal Chemistry</i> , cilt: 30, 2021	Q1
42.	Yaylı N., Bozdal G., Celik G., Kahriman N., Kanbolat Ş., Bozdeveci A., et al. Synthesis of hydroxy benzoin/benzil analogs and	Q3

	investigation of their antioxidant, antimicrobial, enzyme inhibition, and cytotoxic activities. Turkish Journal of Chemistry, 45(3): 788-804, 2021	
43.	Yaylı N., Kılıç G., Kahrıman N., Kanbolat Ş., Bozdeveci A., Alpay Karaoğlu Ş., et al. Synthesis, biological evaluation (antioxidant, antimicrobial, enzyme inhibition, and cytotoxic) and molecular docking study of hydroxy methoxy benzoin/benzil analogous. Bioorganic Chemistry, cilt: 115, 2021	Q1
44.	Yazıcı Bektaş N., Ersoy E., Boğa M., Boran T., Çınar E., Özhan G., et al. Cytotoxic and apoptotic effects of <i>Hypericum androsaemum</i> on prostate adenocarcinoma (PC-3) and hepatocellular carcinoma (Hep G2) cell lines with identification of secondary metabolites by LC-HRMS. Turkish Journal of Chemistry, 45(5): 1621-1638, 2021	Q3
45.	Yıldırım S., Demirdas G., Fidan M., Yaşar A. Simple and fast determination of terbinafine in human urine by dilute and shoot HPLC-DAD using a core-shell column. Combinatorial Chemistry & High Throughput Screening, 24(3): 342-351, 2021	Q2
46.	Yıldırım S., Sellitepe H. E. Vortex assisted liquid-liquid microextraction based on in situ formation of a natural deep eutectic solvent by microwave irradiation for the determination of beta-blockers in water samples. Journal of Chromatography A, cilt: 1642, 2021	Q1

2021	Q1 yayın sayısı	Q2 yayın sayısı	Q3 yayın sayısı	Q4 yayın sayısı	Toplam makale sayısı
	14	15	15	2	46