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Education Information

Doctorate, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, Turkey 1984 - 1990

Post Graduate, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, Turkey 1981 - 1984

Under Graduate, Hacettepe Üniversitesi, Fen Fakültesi, Kimya, Turkey 1977 - 1981

Foreign Languages

English, C1 Advanced

German, B1 Intermediate

Research Areas

Chemistry, Analytical Chemistry, Atomic Mass Spectrometry, Atomic and Molecular Spectroscopy, Emission Spectroscopy, Chromatographic Analysis, Mass Spectroscopy, Molecular Mass Spectroscopy, Thermal Methods, Physical Chemistry, Polymers and Their Applications, Polymeric Adsorbents, Polymeric Complexes, Polymeric Materials, Medical Applications of Polymers, Spectroscopy, Natural Sciences

Academic Titles / Tasks

Professor, Hacettepe Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2011 - Continues

Academic and Administrative Experience

Hacettepe Üniversitesi, Fen Fakültesi, 2013 - Continues

Hacettepe Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2013 - Continues

Hacettepe Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2010 - 2013

Hacettepe Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2002 - 2005

Advising Theses

SORKUN K., SALİH B., Azerbaycan Gence Kazak bölgesi ballarının mikroskopik, HPLC ve GC-MS analizleri ile içeriklerinin belirlenmesi, Doctorate, D.NUR(Student), 2017

SALİH B., Aptamer bağlı yüzeylerde vegf ve interferon- γ proteinlerinin zenginleştirilmesi ve MALDI-MS ile tayinleri, Post

Graduate, C.HÖÇÜK(Student), 2017

SALİH B., Glikopeptitlerin kütle spektrometrik analizleri için yeni bir biyoanalitik yöntem geliştirilmesi ve insan C1-inhibitör proteininin ayrıntılı bölgeye özgü glikozilasyon analizinin gerçekleştirilmesi, Doctorate, H.MEHMET(Student), 2016

SALİH B., Model sentetik polimerlerin ve komplekslerinin gaz fazı karakteristiklerinin incelenmesi, Doctorate, M.ATAKAY(Student), 2016

SALİH B., Yeni nesil platin komplekslerinin kütle spektrometrik yöntemlerle incelenmesi ve antikanser aktivitelerinin in vitro olarak araştırılması, Doctorate, A.ÇAL(Student), 2014

SALİH B., Yüzeğe modifiye edilen aptamer uç gruplarının aptamer-protein etkileşimlerine etkisinin kütle spektrometresi ile incelenmesi, Post Graduate, F.YILDIRIM(Student), 2014

SALİH B., Siyalik asit içeren glikopeptitlerin hızlı ve etkin kütle spektrometrik analizleri için geçiş metal oksitleri kullanılarak seçimli olarak zenginleştirilmesi, Post Graduate, B.TAVŞANLI(Student), 2014

SALİH B., Dezenfektan amaçlı kullanılan NaDCC ve kalsiyum hipoklorit içerikli efervesan tabletlerin üretim prosesinin geliştirilmesi, Post Graduate, S.GERİŞLİOĞLU(Student), 2013

SALİH B., Fosfopeptitlerin çözünmeyen geçiş metal oksitleri üzerinde seçimli zenginleştirilmesi ve MALDI-MS ile doğrudan tayinleri, Post Graduate, G.KAYNAR(Student), 2013

SALİH B., Trombin ve lizozimin özgün aptamer kullanılarak zenginleştirilmeleri ve kütle spektrometresi ile tayinleri, Post Graduate, Ü.GÜLER(Student), 2012

SALİH B., Kovalent olmayan komplekslerin stokiyometri ve kararlılıklarının kütle spektrometresi ile incelenmesi, Post Graduate, A.ÖZGEN(Student), 2012

SALİH B., Development of versatile and reusable target surfaces for matrix-assisted laser desorption/ionization-mass spectrometry, Doctorate, Ö.ÇELİKBIÇAK(Student), 2011

SALİH B., MALDI-MS ile etkin fosfopeptit analizleri için sol-jel yüzeylerin geliştirilmesi, Post Graduate, M.ATAKAY(Student), 2010

SORKUN K., SALİH B., Tekirdağ bölgesi propolis örneklerinin flavonoid, karboksilik asit ve türevlerinin izolasyon yöntemlerinin geliştirilmesi ve mikroskobik analizi, Doctorate, Ö.GENÇAY(Student), 2010

SALİH B., Kovalent olmayan boya-protein etkileşimlerinin kapiler elektroforez ve MALDI-MS ile incelenmesi, Post Graduate, C.TUNCER(Student), 2009

SALİH B., Matriks yardımcı lazer desorpsiyon/iyonlaşmalı kütle spektrometrisinde yapılacak proteolitik parçalanma temelli proteomik çalışmaları için, enzim immobilize edilmiş sol-jel yüzeylerin geliştirilmesi, Post Graduate, Ö.DEMİREL(Student), 2009

SALİH B., SOFT LİTOGRAFI İLE ARRAY PLATFORMLARININ HAZIRLANMASI VE UYGULAMALARI, Post Graduate, K.ÖZLEM(Student), 2009

SORKUN K., SALİH B., Ambalajlı balların melitopalnolojik, kimyasal ve organoleptik analizleri, Post Graduate, D.NUR(Student), 2007

SALİH B., Investigation of degradation of chlorinated pesticides by UV and gamma irradiation in inorganic salt solutions, Post Graduate, E.AKINCI(Student), 2007

SALİH B., Ion sorption properties of hexacyclene and lead ionophore modified polymers, Post Graduate, M.ŞEN(Student), 2006

SORKUN K., SALİH B., Kemaliye-Erzincan yöresinde üretilen balların mikroskobik, kimyasal ve organoleptik analizleri ile balın fizikokimyasal özelliklerinin saptanması, Post Graduate, N.YURTSEVER(Student), 2004

SORKUN K., SALİH B., Kemaliye-Erzincan yöresine ait propolislerin bitkisel orijini ve kimyasal içeriğinin belirlenmesi, Post Graduate, Ö.GENÇAY(Student), 2004

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

1. Preparation, characterization and electrical behaviors of greenish single-chain polymeric molecule- via intramolecular ball type cobalt phthalocyanines/ graphite oxide composites

DEMİRELLİ K., Abubakar A. M. , TUNCER H., SALİH B.

JOURNAL OF MOLECULAR STRUCTURE, vol.1235, 2021 (Journal Indexed in SCI)

- II. **Recombinant Production of Bifidobacterial Endoglycosidases for N-glycan Release**
 Sucu B., Bayraktar A., Duman H., Arslan A., KAPLAN M., Karyelioglu M., Ntelitze E., Tastekin T., Yetkin S., Erturk M., et al.
 JOVE-JOURNAL OF VISUALIZED EXPERIMENTS, no.173, 2021 (Journal Indexed in SCI)
- III. **Differential N-glycosylation profiling of formalin-fixed paraffin-embedded (FFPE) invasive ductal carcinoma tissues using MALDI-TOF-MS**
 YAMAN M. E., Kayili H. M., ALBAYRAK M., KADIOĞLU Y., SALİH B.
 MOLECULAR OMICS, vol.17, no.3, pp.394-404, 2021 (Journal Indexed in SCI)
- IV. **Characterization and preparation of green colored intramolecular novel ball type cobalt phthalocyanine complexes with single-chain polymer structure**
 Abubakar A. M., DEMİRELLİ K., TUNCER H., SALİH B.
 JOURNAL OF MOLECULAR STRUCTURE, vol.1227, 2021 (Journal Indexed in SCI)
- V. **Human Gut Commensal Membrane Vesicles Modulate Inflammation by Generating M2-like Macrophages and Myeloid-Derived Suppressor Cells**
 Bulut E. A., Kocabas B. B., Yazar V., Aykut G., GÜLER Ü., SALİH B., Yılmaz N. S., AYANOĞLU İ. C., Polat M. M., AKÇALI K. C., et al.
 JOURNAL OF IMMUNOLOGY, vol.205, no.10, pp.2707-2718, 2020 (Journal Indexed in SCI)
- VI. **A novel AB(3)-type trimeric zinc(II)-phthalocyanine as an electrochromic and optical limiting material**
 Buyukeksi S. I., KARATAY A., ORMAN E. B., AÇAR SELÇUKİ N., ÖZKAYA A. R., SALİH B., ELMALI A., ŞENGÜL A.
 DALTON TRANSACTIONS, vol.49, no.40, pp.14068-14080, 2020 (Journal Indexed in SCI)
- VII. **Following hybridization on sensor/array platforms by using SPR, elipsometer and MALDI-MS**
 ÇELİKBIÇAK Ö., HAMALOĞLU K. Ö., SALİH B., Piskin E.
 NUCLEOSIDES NUCLEOTIDES & NUCLEIC ACIDS, vol.39, no.7, pp.1057-1072, 2020 (Journal Indexed in SCI)
- VIII. **Cytotoxic naphthoquinones from *Arnebia densiflora* (Nordm.) Ledeb and determining new apoptosis inducers**
 Baran M. Y., GÜVENALP Z., SARAÇOĞLU İ., KAZAZ C., SALİH B., DEMİREZER L. Ö., Kuruuzum-Uz A.
 NATURAL PRODUCT RESEARCH, vol.34, no.12, pp.1669-1677, 2020 (Journal Indexed in SCI)
- IX. **Synthesis, characterization, OFET, and DFT study of the novel ball-type metallophthalocyanines bridged with four diaminopyrimidine-dithiol**
 Molla F., Yazici A., Salcuki N. A., ALTINDAL A., SALİH B., Bekaroglu O.
 JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, vol.24, pp.662-674, 2020 (Journal Indexed in SCI)
- X. **Synthesis, characterization, DFT study, conductivity and effects of humidity on CO₂ sensing properties of the novel tetrakis- [2-(dibenzylamino)ethoxyl] substituted metallophthalocyanines**
 Senoglu S., ÖZER M., DUMLUDAĞ F., AÇAR SELÇUKİ N., SALİH B., Bekaroglu O.
 SENSORS AND ACTUATORS B-CHEMICAL, vol.310, 2020 (Journal Indexed in SCI)
- XI. **Novel (-)-carvone derivatives as potential anticonvulsant and analgesic agents**
 Nesterkina M., Barbalat D., Konovalova I., Shishkina S., ATAKAY M., SALİH B., Kravchenko I.
 NATURAL PRODUCT RESEARCH, 2020 (Journal Indexed in SCI)
- XII. **Catalytic Activity of Immobilized Chymotrypsin on Hybrid Silica-Magnetic Biocompatible Particles and Its Application in Peptide Synthesis**
 BAYRAMOĞLU G., SALİH B., ARICA M. Y.
 APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, vol.190, no.4, pp.1224-1241, 2020 (Journal Indexed in SCI)
- XIII. **Synthesis and characterization of the ABA-type poly(ester-ether-ester) block copolymers**
 Catiker E., Ozturk T., ATAKAY M., SALİH B.
 JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, 2020 (Journal Indexed in SCI)
- XIV. **Conformational Characterization of Polyelectrolyte Oligomers and Their Noncovalent Complexes Using Ion Mobility-Mass Spectrometry**
 ATAKAY M., Aksakal F., BOZKAYA U., SALİH B., Wesdemiotis C.
 JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROMETRY, vol.31, no.2, pp.441-449, 2020 (Journal

Indexed in SCI)

- XV. **Hydrophilic spacer-arm containing magnetic nanoparticles for immobilization of proteinase K: Employment for speciation of proteins for mass spectrometry-based analysis**
BAYRAMOĞLU G., KAYILI H. M. , Oztekin M., SALİH B., ARICA M. Y.
TALANTA, vol.206, 2020 (Journal Indexed in SCI)
- XVI. **Site-Specific characterization of peptide-polymer conjugates in various stoichiometries by MALDI-Tandem mass spectrometry**
Ulku O., ATAKAY M., Kohneshahri M. Y. , UZUN C., SALİH B.
MICROCHEMICAL JOURNAL, vol.152, 2020 (Journal Indexed in SCI)
- XVII. **Performances of protein array platforms prepared by soft lithography and self-assembling monolayers-approach by using SPR, ellipsometry and MALDI-MS**
HAMALOĞLU K. Ö. , ÇELİKBIÇAK Ö., SALİH B., Piskin E.
JOURNAL OF MOLECULAR STRUCTURE, vol.1198, 2019 (Journal Indexed in SCI)
- XVIII. **N-glycan profiling of papillary thyroid carcinoma tissues by MALDI-TOF-MS**
KOÇAK Ö. F. , KAYILI H. M. , ALBAYRAK M., YAMAN M. E. , KADIOĞLU Y., SALİH B.
ANALYTICAL BIOCHEMISTRY, vol.584, 2019 (Journal Indexed in SCI)
- XIX. **Poly(amidoamine) dendrimer-coated magnetic nanoparticles for the fast purification and selective enrichment of glycopeptides and glycans**
KAYILI H. M. , Erturk A. S. , ELMACI G., SALİH B.
JOURNAL OF SEPARATION SCIENCE, vol.42, no.20, pp.3209-3216, 2019 (Journal Indexed in SCI)
- XX. **A New titania glyco-purification tip for the fast enrichment and efficient analysis of glycopeptides and glycans by MALDI-TOF-MS**
KAYILI H. M. , Avci I., SALİH B.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.174, pp.191-197, 2019 (Journal Indexed in SCI)
- XXI. **Ti (IV) attached-phosphonic acid functionalized capillary monolith as a stationary phase for in-syringe-type fast and robust enrichment of phosphopeptides**
Salimi K., Kip C., ÇELİKBIÇAK Ö., Usta D. D. , PINAR A., SALİH B., Tuncel A.
BIOMEDICAL CHROMATOGRAPHY, vol.33, no.6, 2019 (Journal Indexed in SCI)
- XXII. **Spectroscopic, electrochemical and electrocolorimetric properties of novel 2-(2'-pyridyl)-1H-benzimidazole appended bay-substituted perylene diimide triads**
Pekdemir F., ORMAN E. B. , AÇAR SELÇUKİ N., ÖZKAYA A. R. , SALİH B., ŞENGÜL A.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.379, pp.54-62, 2019 (Journal Indexed in SCI)
- XXIII. **Synthesis, photophysical, photochemical and SO₂ sensing properties of ball-type phthalocyanines substituted with carboxyl groups**
CANLICA M., CAN ÖMÜR B., SALİH B.
INORGANIC CHEMISTRY COMMUNICATIONS, vol.103, pp.75-81, 2019 (Journal Indexed in SCI)
- XXIV. **Synthesis and characterization of novel ABA type poly(Ester-ether) triblock copolymers**
Catiker E., Ozturk T., ATAKAY M., SALİH B.
JOURNAL OF POLYMER RESEARCH, vol.26, no.5, 2019 (Journal Indexed in SCI)
- XXV. **Biodegradation of Cibacron Blue 3GA by insolubilized laccase and identification of enzymatic byproduct using MALDI-ToF-MS: Toxicity assessment studies by Daphnia magna and Chlorella vulgaris**
BAYRAMOĞLU G., SALİH B., AKBULUT A., ARICA M. Y.
ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, vol.170, pp.453-460, 2019 (Journal Indexed in SCI)
- XXVI. **Synthesis and characterization of amphiphilic triblock copolymers including -alanine/-methyl-alanine and ethylene glycol by "click" chemistry**
Catiker E., Meyvacı E., ATAKAY M., SALİH B., Ozturk T.
POLYMER BULLETIN, vol.76, no.4, pp.2113-2128, 2019 (Journal Indexed in SCI)
- XXVII. **Synthesis, characterization, and DFT study of novel metallo phthalocyanines with four carboranyl clusters as photosensitisers for the photodynamic therapy of breast cancer cells**

- ŞENER S., BAYRAÇ A. T. , Sener B. B. , TOZLU C., AÇAR SELÇUKİ N., SALİH B., Yuksel M., Bekaroglu O.
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.129, pp.124-131, 2019 (Journal Indexed in SCI)
- XXVIII. **Characterization of supramolecular peptide-polymer bioconjugates using multistage tandem mass spectrometry**
Wei B., Gerislioglu S., ATAKAY M., SALİH B., Wesdemiotis C.
INTERNATIONAL JOURNAL OF MASS SPECTROMETRY, vol.436, pp.130-136, 2019 (Journal Indexed in SCI)
- XXIX. **Synthesis, Conductivity, and Impedance Studies on Metallophthalocyanines Formed Across Adjacent Rings**
ŞENER S., AÇAR SELÇUKİ N., DUMLUDAĞ F., SALİH B., Bekaroglu O.
EUROPEAN JOURNAL OF INORGANIC CHEMISTRY, no.6, pp.770-779, 2019 (Journal Indexed in SCI)
- XXX. **Synthesis, characterization and VOCs adsorption kinetics of diethylstilbestrol-substituted metallophthalocyanines**
Kaki E., Gogsu N., ALTINDAL A., SALİH B., Bekaroglu O.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, vol.23, pp.166-174, 2019 (Journal Indexed in SCI)
- XXXI. **Design of an aptamer-based magnetic adsorbent and biosensor systems for selective and sensitive separation and detection of thrombin**
BAYRAMOĞLU G., Ozalp V. C. , Oztekin M., GÜLER Ü., SALİH B., ARICA M. Y.
TALANTA, vol.191, pp.59-66, 2019 (Journal Indexed in SCI)
- XXXII. **Chemical Characterization of 64 Propolis Samples from Hakkari, Turkey**
BAYRAM N. E. , SORKUN K., ÖZ G., SALİH B., TOPÇU G.
RECORDS OF NATURAL PRODUCTS, vol.12, no.6, pp.569-581, 2018 (Journal Indexed in SCI)
- XXXIII. **Effect of seasonal changes on nutritional status and biochemical parameters in Turkish older adults**
ERSOY N., TAŞCI İ., ÖZGÜRTAŞ T., SALİH B., Doruk H., RAKICIOĞLU N.
NUTRITION RESEARCH AND PRACTICE, vol.12, no.4, pp.315-323, 2018 (Journal Indexed in SCI)
- XXXIV. **Novel tetrakis 4-(hydroxymethyl)-2,6-dimethoxyphenoxy substituted metallophthalocyanines: Synthesis, electrochemical redox, electrocatalytic oxygen reducing, and volatile organic compounds sensing and adsorption properties**
Gunay I., ORMAN E. B. , ALTINDAL A., SALİH B., ÖZER M., ÖZKAYA A. R.
DYES AND PIGMENTS, vol.154, pp.172-187, 2018 (Journal Indexed in SCI)
- XXXV. **Fast purification of glycans and glycopeptides using silk-packed micropipette tip for matrix-assisted laser desorption/ionization-mass spectrometry and high-performance liquid chromatography-fluorescence detection analysis**
Kayili H. M. , Barlas N., ATAKAY M., SALİH B.
MICROCHEMICAL JOURNAL, vol.139, pp.492-499, 2018 (Journal Indexed in SCI)
- XXXVI. **N- and O-glycosylation Analysis of Human C1-inhibitor Reveals Extensive Mucin-type O-Glycosylation**
Stavenhagen K., Kayili H. M. , Holst S., Koeleman C. A. M. , Engel R., Wouters D., Zeerleder S., SALİH B., Wuhler M.
MOLECULAR & CELLULAR PROTEOMICS, vol.17, no.6, pp.1225-1238, 2018 (Journal Indexed in SCI)
- XXXVII. **Synthesis, characterization and OFET property of four diaminouracil bridged novel ball-type phthalocyanines**
Yazici A., Avci A., ALTINDAL A., SALİH B., Bekaroglu O.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, vol.22, pp.149-156, 2018 (Journal Indexed in SCI)
- XXXVIII. **Use of Sulfonates as Desorption Agents for Phosphopeptide Elution from an Anion-exchange Material**
ATAKAY M., ÇELİKBIÇAK Ö., SALİH B.
ANALYTICAL LETTERS, vol.51, no.5, pp.760-772, 2018 (Journal Indexed in SCI)
- XXXIX. **Novel hydrophobic macromonomers for potential amphiphilic block copolymers**
ÇATIKER E., Guven O., SALİH B.
POLYMER BULLETIN, vol.75, no.1, pp.47-60, 2018 (Journal Indexed in SCI)
- XL. **Immobilization of laccase on the fibrous polymer-grafted film and study of textile dye degradation by MALDI-ToF-MS**
Arica M. Y. , SALİH B., ÇELİKBIÇAK Ö., Bayramoglu G.

- CHEMICAL ENGINEERING RESEARCH & DESIGN, vol.128, pp.107-119, 2017 (Journal Indexed in SCI)
- XLII. **Highly selective enrichment of phosphopeptides by titanium (IV) attached monodisperse-porous poly(vinylphosphonic acid-co-ethylene dimethacrylate) microspheres**
SALIMI K., Usta D. D. , ÇELİKBIÇAK Ö., PINAR A., SALİH B., Tuncel A.
JOURNAL OF CHROMATOGRAPHY A, vol.1496, pp.9-19, 2017 (Journal Indexed in SCI)
- XLIII. **Ti(IV) carrying polydopamine-coated, monodisperse-porous SiO₂ microspheres with stable magnetic properties for highly selective enrichment of phosphopeptides**
Salimi K., Usta D. D. , ÇELİKBIÇAK Ö., PINAR A., SALİH B., Tuncel A.
Colloids and Surfaces B: Biointerfaces, vol.153, pp.280-290, 2017 (Journal Indexed in SCI)
- XLIV. **Electrocatalytic Activity of Novel Ball-Type Metallophthalocyanines with Trifluoro Methyl Linkages in Oxygen Reduction Reaction and Application as Zn-Air Battery Cathode Catalyst**
Kocyigit N., Ozen U. E. , ÖZER M., SALİH B., ÖZKAYA A. R. , Bekaroglu O.
ELECTROCHIMICA ACTA, vol.233, pp.237-248, 2017 (Journal Indexed in SCI)
- XLV. **Functional Substituted Phthalocyanines Bearing Ter-pyridine Complexes as Macromolecular Oxidation Catalysts for Bleaching Systems**
Sen P., Yildiz S. Z. , DEGE N., ATAKAY M., SALİH B.
CHEMISTRYSELECT, vol.2, no.9, pp.2643-2650, 2017 (Journal Indexed in SCI)
- XLVI. **Monitoring protein glycation by electrospray ionization (ESI) quadrupole time-of-flight (Q-TOF) mass spectrometer**
AKILIOGLU H. G. , ÇELİKBIÇAK Ö., SALİH B., GÖKMEN V.
FOOD CHEMISTRY, vol.217, pp.65-73, 2017 (Journal Indexed in SCI)
- XLVII. **Stereoselective Total Synthesis of (+/-)-Dasycarpidol and (+/-)-Dasycarpidone**
Patir S., Tezeren M. A. , SALİH B., Erturk E.
SYNTHESIS-STUTTGART, vol.48, no.23, pp.4175-4180, 2016 (Journal Indexed in SCI)
- XLVIII. **Novel 4,4'-{(diphenylmethylene) bis(4,1-phenylene)bis(oxy)}-bridged ball-type phthalocyanines: Electrochemical, electrocatalytic oxygen reducing and heavy metals ions sensing properties**
Dogan E., ÖZER M., ALTINDAL A., ÖZKAYA A. R. , SALİH B., Bekaroglu O.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, vol.20, pp.1319-1333, 2016 (Journal Indexed in SCI)
- XLIX. **Fast and efficient proteolysis by reusable pepsin-encapsulated magnetic sol-gel material for mass spectrometry-based proteomics applications**
KAYILI H. M. , SALİH B.
TALANTA, vol.155, pp.78-86, 2016 (Journal Indexed in SCI)
- L. **Removal of bisphenol A from aqueous medium using molecularly surface imprinted microbeads**
Bayramoglu G., Arica M. Y. , Liman G., ÇELİKBIÇAK Ö., SALİH B.
CHEMOSPHERE, vol.150, pp.275-284, 2016 (Journal Indexed in SCI)
- L. **Partition coefficient-Lewis basicity correlation in four dioxycyclobutenedion-bridged novel ball-type phthalocyanines**
Yazici A., Dalbul N., ALTINDAL A., SALİH B., Bekaroglu O.
SYNTHETIC METALS, vol.212, pp.25-30, 2016 (Journal Indexed in SCI)
- LI. **Purification and characterization of a bacteriocin from an oenological strain of *Leuconostoc mesenteroides* subsp *cremoris***
Dundar H., SALİH B., Bozoglu F.
PREPARATIVE BIOCHEMISTRY & BIOTECHNOLOGY, vol.46, no.4, pp.354-359, 2016 (Journal Indexed in SCI)
- LII. **Comparison of Two Methods for Purification of Enterocin B, a Bacteriocin Produced by *Enterococcus faecium* W3**
Dundar H., ATAKAY M., ÇELİKBIÇAK Ö., SALİH B., Bozoglu F.
PREPARATIVE BIOCHEMISTRY & BIOTECHNOLOGY, vol.45, no.8, pp.796-809, 2015 (Journal Indexed in SCI)
- LIII. **Two antigenotoxic chalcone glycosides from *Mentha longifolia* subsp *longifolia***
GÜVENALP Z., ÖZBEK H., KARADAYI M., GÜLLÜCE M., Kuruuzum-Uz A., SALİH B., DEMIREZER O.
PHARMACEUTICAL BIOLOGY, vol.53, no.6, pp.888-896, 2015 (Journal Indexed in SCI)
- LIV. **Lysozyme specific aptamer immobilized MCM-41 silicate for single-step purification and quartz**

- crystal microbalance (QCM)-based determination of lysozyme from chicken egg white**
 Bayramoglu G., OZALP V. C. , Yilmaz M., GULER U., SALİH B., Arica M. Y.
 MICROPOROUS AND MESOPOROUS MATERIALS, vol.207, pp.95-104, 2015 (Journal Indexed in SCI)
- LV. Synthesis and characterization, electrical and gas sensing properties of N,N '-bis(salicylidene)-1,2-phenylendiamine substituted novel mono and ball-type metallo phthalocyanines**
 Yazici A., Sarcicek B., ALTINDAL A., SALİH B., Bekaroglu O.
 INORGANICA CHIMICA ACTA, vol.428, pp.83-92, 2015 (Journal Indexed in SCI)
- LVI. A conformationally stressed novel ball-type perylenediimide appended zinc(II) phthalocyanine hybrid: spectroelectrochemical, electrocolorimetric and photovoltaic properties**
 Pekdemir F., Kurnali S., ŞENGÜL A., ALTINDAL A., ÖZKAYA A. R. , SALİH B., Bekaroglu O.
 DALTON TRANSACTIONS, vol.44, no.1, pp.158-166, 2015 (Journal Indexed in SCI)
- LVII. Antibiotic loaded nanocapsules functionalized with aptamer gates for targeted destruction of pathogens**
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