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International Researcher IDs

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Education Information

Doctorate, Marmara University, Institute of Health Sciences, Biyokimya (Dr) (Eczacılık), Turkey 2014 - 2020

Postgraduate, Adnan Menderes Üniversitesi, Sağlık Bilimleri Enstitüsü, Biyokimya (Veteriner) (Yıl) (Tezli), Turkey 2007 - 2016

Undergraduate, Mugla Sitki Kocman University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 2003 - 2016

Foreign Languages

English, C1 Advanced

Dissertations

Postgraduate, Plazma ve serumda askorbik asit tayini: Metot ve dayanıklılık çalışmaları, Adnan Menderes Üniversitesi, Sağlık Bilimleri Enstitüsü, Biyokimya (Veteriner) (Yıl) (Tezli), 2010

Research Areas

Health Sciences

Academic Titles / Tasks

Assistant Professor, Marmara University, Faculty of Pharmacy, Basic Pharmaceutical Sciences, 2022 - Continues
Research Assistant PhD, Marmara University, Faculty of Pharmacy, Basic Pharmaceutical Sciences, 2014 - 2022

Academic and Administrative Experience

Fakülte Akademik Kurul Üyesi, Marmara University, Faculty Of Pharmacy, Basic Pharmaceutical Sciences, 2022 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Paricalcitol protects against hydrogen peroxide-induced injury in endothelial cells through suppression of apoptosis**
Koksal M. M., ŞEKERLER T., ÇEVİK Ö., Sener A.
EXPERIMENTAL BIOLOGY AND MEDICINE, vol.248, no.2, pp.186-192, 2023 (SCI-Expanded)
- II. **The antioxidant, anti-inflammatory, and antiplatelet effects of Ribes rubrum L. fruit extract in the diabetic rats**
Gulmez G., ŞEN A., ŞEKERLER T., Algul F. K., KAYA Ö. T., Sener A.
JOURNAL OF FOOD BIOCHEMISTRY, vol.46, no.7, 2022 (SCI-Expanded)
- III. **Evaluation of biochemical parameters in Rubus tereticaulis treated rats and its implications in wound healing**
AKSOY H., Demirbag C., ŞEN A., ŞEKERLER T., Ozakpinar Ö., ŞENER A., Ahmad S., TETİK Ş.
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.472, pp.67-78, 2020 (SCI-Expanded)
- IV. **Protective effects of resveratrol on hepatic ischemia reperfusion injury in streptozotocin-induced diabetic rats**
Aktas H. S., Ozel Y., Ahmad S., Pence H. H., Ayaz-Adakul B., Kudas I., TETİK Ş., ŞEKERLER T., Canbey-Goret C., KABASAKAL L., et al.
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.460, pp.217-224, 2019 (SCI-Expanded)
- V. **Effects of dapagliflozin in experimental sepsis model in rats**
Kingir Z. B., ÖZDEMİR KUMRAL Z. N., ÇAM M. E., KAYA Ö. T., ŞEKERLER T., ERCAN F., BİNGÖL ÖZAKPINAR Ö., ÖZSAVCI D., Sancar M., OKUYAN B.
ULUSAL TRAVMA VE ACİL CERRAHİ DERGİSİ-TURKISH JOURNAL OF TRAUMA & EMERGENCY SURGERY, vol.25, no.3, pp.213-221, 2019 (SCI-Expanded)
- VI. **Effect of Horse-chestnut seed extract on matrix metalloproteinase-1 and -9 during diabetic wound healing**
Aksoy H., ÇEVİK Ö., ŞEN A., Goger F., ŞEKERLER T., ŞENER A.
JOURNAL OF FOOD BIOCHEMISTRY, vol.43, no.3, 2019 (SCI-Expanded)
- VII. **Synthesis and Biological Activity of N-(arylsulfonyl) Valine Hydrazones and Assistance of NMR Spectroscopy for Definitive 3D Structure**
ŞENKARDEŞ S., TATAR E., Nepravishta R., Cela D., Paci M., Ozakpinar Ö., ŞEKERLER T., De Clercq E., Pannecouque C., KÜÇÜKGÜZEL Ş. G., et al.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.16, no.9, pp.974-983, 2019 (SCI-Expanded)
- VIII. **Protective effect of ferulic acid on cisplatin induced nephrotoxicity in rats**
Bami E., BİNGÖL ÖZAKPINAR Ö., ÖZDEMİR KUMRAL Z. N., Koroglu K., ERCAN F., Cirakli Z., ŞEKERLER T., Izzettin F. V., SANCAR M., OKUYAN B.
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, vol.54, pp.105-111, 2017 (SCI-Expanded)
- IX. **Ethanol extract of Cotinus coggygria leaves accelerates wound healing process in diabetic rats**
Aksoy H., ŞEN A., SANCAR M., ŞEKERLER T., AKAKIN D., BİTİŞ L., Uras F., Kultur S., Izzettin F. V.
PHARMACEUTICAL BIOLOGY, vol.54, no.11, pp.2732-2736, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **Effects of SPARC and Possible Receptors on Colon Cancer Cell Line**
MISIRLI D., BİNGÖL ÖZAKPINAR Ö., ŞEKERLER T., ARU B., DEMİREL G., tunoğlu s., ÖZSAVCI D.
CLINICAL AND EXPERIMENTAL HEALTH SCIENCES, vol.13, no.2, pp.316-322, 2023 (ESCI)
- II. **In silico investigation of wound healing potential of some compounds in tubers of Asphodelus species with GSK3-β protein**
AKSOY H., ŞEKERLER T., MERT N. M.
Journal of Research in Pharmacy, vol.25, no.5, pp.747-754, 2021 (ESCI)

- III. **Antibacterial and Anticancer Activities of Violacein Extracted Through Ultrasound-Assisted Extraction Method**
 PERİZ Ç. D., ULUSOY S., TINAZ G., ŞEKERLER T.
 Akademik Gıda, vol.18, no.3, pp.241-246, 2020 (Peer-Reviewed Journal)
- IV. **The Effect of Algan Hemostatic Agent (AHA) on Wound Healing**
 AKSOY H., ŞENER A., AKAKIN D., ŞEN A., BİNGÖL ÖZAKPINAR Ö., Ozcan S., Simsek A. K., ŞEKERLER T., Guzel S. E., Midi A.
 CLINICAL AND EXPERIMENTAL HEALTH SCIENCES, vol.10, no.3, pp.279-284, 2020 (ESCI)
- V. **In vitro antihepatocellular carcinoma activity of secondary metabolites of Centaurea kilaea Boiss**
 ŞEKERLER T., ŞEN A., BİTİŞ L., ŞENER A.
 JOURNAL OF RESEARCH IN PHARMACY, vol.24, pp.479-486, 2020 (ESCI)
- VI. **Anticancer, Antioxidant and Anti-Inflammatory Activities of Chloroform Extracts from Some Centaurea Species**
 Şekerler T., Şen A., Bitiş L., Şener A.
 Proceedings, vol.2, pp.1542, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Urtica Dioica L. Türü Ekstresinin Anti-Obezite Etkilerinin İn-Siliko İncelenmesi/ In-Silico Investigation of the Anti-Obesity Effects of Urtica Dioica L. Species Extract**
 SAĞLAM K., ŞEKERLER T.
 Uluslararası Ankara Bilimsel Araştırmalar Kongresi/ Ankara International Congress on Scientific Research-IX (Ankara), Ankara, Turkey, 26 - 29 December 2023, pp.1878-1879
- II. **Rumex Pulcher L. Türü Ektresindeki Majör Bileşiklerin Anti-Obezite Etkilerinin İn Siliko İncelenmesi**
 BOLAT A., ŞEKERLER T.
 Uluslararası Ankara Bilimsel Araştırmalar Kongresi 26-28 Aralık 2023, 28 December 2023
- III. **CHAEROPHYLLUM AROMATICUM L. UÇUCU YAĞI VE MELATONİN KOMBİNASYONUNUN MCF-7 HÜCRELERİNDEKİ ETKİLERİNİN IN SİLİCO VE IN VİTRO DEĞERLENDİRİLMESİ**
 ertem r. e., GÜRBOĞA M., ŞEKERLER T., ŞEN A., BİNGÖL ÖZAKPINAR Ö., ÖZSAVCI D.
 9. ULUSLARARASI SAĞLIKLI YAŞAM KONGRESİ, İstanbul, Turkey, 18 - 19 November 2023
- IV. **HMGA2 Proteini İnhibitorlarının İlaç Yeniden Konumlandırma Sistemi ile Araştırılması.**
 ŞEKERLER T.
 6th International Eurasian Conference On Biological And Chemical Sciences (Eurasianbiochem 2023), Ankara, Turkey, 11 October 2023
- V. **Bazı Flavonoidlerin COX-2 Enzimi Üzerine Olan Etkisinin İn Silico Olarak İncelenmesi**
 ŞEKERLER T.
 5th International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 23 - 25 November 2022, pp.36
- VI. **Kuersetinin Hep3b Kanser Hücreleri Üzerine Etkisi**
 KAYA İ. E., ŞENER A., ŞEKERLER T.
 7. Uluslararası Beslenme Obezite Ve Toplum Sağlığı Kongresi, İstanbul, Turkey, 28 May 2022, pp.723
- VII. **Siyah Sarımsak Ekstresinin Hepatoselüler Karsinom Üzerine Antikanser Etkisi**
 KAYA İ. E., ŞENER A., ŞEKERLER T., ŞEN A.
 7. Uluslararası Beslenme Obezite Ve Toplum Sağlığı Kongresi, İstanbul, Turkey, 28 May 2022, pp.724
- VIII. **Antiobezite Etkili Bitkilerdeki Bazı Majör Bileşiklerin Fto Proteini Üzerine Etkisinin İn Siliko Olarak İncelenmesi**
 ŞEKERLER T., DEMİRBAŞ S. G., MISIRLI D., ŞENER A.
 7. Uluslararası Beslenme Obezite Ve Toplum Sağlığı Kongresi, İstanbul, Turkey, 28 May 2022, pp.526
- IX. **Oleic acid induced lipid accumulation in HepG2 cells is reduced by Crataegus monogyna**
 Algül K. F., ŞEKERLER T., ŞEN A., ŞENER A.

3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), 19 - 20 March 2020

- X. **Investigation of antidiabetic, anti-inflammatory and antiplatelet potential of Ribes rubrum L.**

Gülmez G., ŞEN A., ŞEKERLER T., ŞENER A.

2nd International Congress on Nutrition, Obesity and Community Health, 26 - 27 December 2019

- XI. **Antiproliferative Effect of Teucroxide in Colon Cancer Cell Line**

MISIRLI D., ŞEKERLER T., ELMASTAŞ M., BİNGÖL ÖZAKPINAR Ö.

CELL DEATH: DEGENERATION AND REGENERATION SYMPOSIUM, 3 - 05 October 2019

- XII. **Investigation of the effect of Algan hemostatic agent on wound healing in rats.**

AKSOY H., ŞENER A., AKAKIN D., BİNGÖL ÖZAKPINAR Ö., ŞEN A., Özcan S., Şimşek A. K., ŞEKERLER T., Midi A.

International Molecular Medicine Symposium by the Bosphorus, 16 - 18 May 2019

- XIII. **Anticancer, Antioxidant and Anti-Inflammatory Activities of Chloroform Extracts from Some Centaurea Species**

ŞEKERLER T., ŞEN A., BİTİŞ L., ŞENER A.

2nd International Cell Death Research Congress, 1 - 04 November 2018

- XIV. **Antitrombotit etkisi ile Ribes rubrum L.**

Gülmez G., Algül K. F., ŞEKERLER T., ŞEN A., ŞENER A.

2. Ulusal Marmara Eczacılık Kongresi, Turkey, 14 - 16 November 2018

- XV. **Tanacetum cilicum (Boiss.) Grierson Bitkisinin Kapitulumlarından Elde Edilen Çeşitli Ekstrelerin Sitotoksik ve Antiproliferatif Etkileri**

ŞEN A., BİNGÖL ÖZAKPINAR Ö., ŞEKERLER T., Tekeli G., DOĞAN A., BİTİŞ L.

XXIII. Bitkisel İlaç Hammaddeleri Toplantısı (BİHAT 2018), Turkey, 9 - 12 April 2018

- XVI. **Molecular Mechanism of Adipocyte Formation:PPAR γ C/EBP α**

ŞEKERLER T., ŞENER A.

International Meeting on Education and Research in Health Sciences, 3 - 05 November 2017

- XVII. **Determination of the Cytotoxic Activity and the Chemical Composition of the Essential Oil of P. Lentiscus.**

Şahin T., ULUSOY S., TAŞKIN T., ŞEKERLER T., BİNGÖL ÖZAKPINAR Ö.

IMER-HS, 3 - 05 November 2017

- XVIII. **Use of Electronic Impedance Spectroscopy to Monitor Inhibition of Biofilm Formation in Pseudomonas aeruginosa**

CONKER S. A., RAYAMAN E., ŞEKERLER T., TINAZ G.

3 rd International Multidisciplinary Symposium on Drug Research and Development - DRD 2017, 5 - 07 October 2017

- XIX. **The Protective effects of Dapaglifozin on experimental sepsis induced kidney damage in rats**
kingir z. b., ÖZDEMİR KUMRAL Z. N., BİNGÖL ÖZAKPINAR Ö., KAYA Ö. T., ÖZSAVCI D., ŞEKERLER T., çam m. e., ERCAN F., OKUYAN B.

15 th International congress of Histochemistry and Cytochemistry, 18 - 21 May 2017

- XX. **The Protective Effects of Dapaglifozin on Experimental Sepsis Induced Kidney Damage in Rats**
KINGIR Z. B., ÖZDEMİR KUMRAL Z. N., BİNGÖL ÖZAKPINAR Ö., KAYA Ö. T., ÖZSAVCI D., ŞEKERLER T., ÇAM M. E., ERCAN F., OKUYAN B.

15th International Congress of Histochemistry and Cytochemistry, 18 - 21 May 2017

- XXI. **Comparative Evaluation Cytotoxic Activities of Different Extracts from Endemic Achillea lycaonica**
Dilay K., ŞEKERLER T., BİNGÖL ÖZAKPINAR Ö., ARABACI T., URAS F., TAŞKIN T.

I. International Congress on Medicinal and Aromatic Plants Natural and Healthy Life, 10 - 12 May 2017

- XXII. **Comparative Evaluation Cytotoxic Activities of Different Extracts from Endemic Achillea lycaonica**
KAHVECİOĞLU D., ŞEKERLER T., BİNGÖL ÖZAKPINAR Ö., ARABACI T., URAS F., TAŞKIN T.

I. International Congress on Medicinal and Aromatic Plants 'xx'xx Natural and Healthy Life'xx'xx, 9 - 12 May 2017

- XXIII. **The investigation of cytotoxic activities of different extracts from Achillea vermicularis aerial parts**
GÜLER E., ŞEKERLER T., BİNGÖL ÖZAKPINAR Ö., DOĞAN A., URAS F., TAŞKIN T.

I. International Congress on Medicinal and Aromatic Plants 'xx'xx Natural and Healthy Life'xx'xx, 9 - 12 May 2017

- XXIV. **The Investigation of Cytotoxic Effects of Different Extracts from Achillea vermicularis Aerial parts.**
GÜLER E., ŞEKERLER T., BİNGÖL ÖZAKPINAR Ö., DOĞAN A., URAS F., TAŞKIN T.
1st International Congress on Medicinal and Aromatic Plants, 10 - 12 May 2017
- XXV. **Evaluation of biological activity of crude ethanol extract and fractions of Pulicaria dysenterica (L.) BERNH**
ŞEN A., YILDIRIM B. G., BİNGÖL ÖZAKPINAR Ö., ŞEKERLER T., AKSOY H. Z., DOĞAN A., BİTİŞ L.
3. İVEK Uluslararası İlaç ve Eczacılık Kongresi, 26 - 29 April 2017
- XXVI. **Resveratrol's Effect on Hepatic Ischemia Reperfusion Injury In Streptozotocin Induced Diabetic Rats.**
Ayaz Adakul B., Özel Y., ŞEKERLER T., TETİK Ş., Kudaş İ., KABASAKAL L., ELÇİOĞLU H. K.
3.Uluslararası İlaç ve Eczacılık Kongresi, 26 - 29 April 2017
- XXVII. **Evaluation of biological activity of crude ethanol extract and fractions of Pulicaria dysenterica (L.) BERNH.**
ŞEN A., Yıldırım B. G., BİNGÖL ÖZAKPINAR Ö., ŞEKERLER T., AKSOY H., DOĞAN A., BİTİŞ L.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, 26 - 29 April 2017
- XXVIII. **Anticancer Activities of Violacein Extracted From Chromobacterium violaceum ATCC 12472**
Periz Ç. D., ULUSOY S., TINAZ G., ŞEKERLER T.
İVEK, 26 - 29 April 2017
- XXIX. **In vitro biological activities of different extracts from Centaurea urvillei DC. subsp. armata WAGENITZ.**
ŞEN A., AYDEMİR T., BİNGÖL ÖZAKPINAR Ö., ŞEKERLER T., ŞENER A., KÜLTÜR Ş., BİTİŞ L.
International Third Convention of Pharmaceuticals and Pharmacies, 26 - 29 April 2017
- XXX. **Antiapoptotic effects of curcumin against ischemia induced injury in rat uterus**
ÖZSAVCI D., BİNGÖL ÖZAKPINAR Ö., ŞEKERLER T., KAPTAN E.
FEBS Congress, 2 - 08 September 2016
- XXXI. **The effects of curcumin on platelet activation apoptosis and aggregation**
BİNGÖL ÖZAKPINAR Ö., Özyıldız Z., ŞEKERLER T., ÖZSAVCI D., GÖKER B.
FEBS Congress, 2 - 08 September 2016
- XXXII. **Antioxidant antimicrobial and cytotoxic activities of different extracts of Pistacia lentiscus**
ŞAHİN T., TAŞKIN T., ŞEKERLER T., RAYAMAN P., SOYOĞUL GÜRER Ü., BİTİŞ L., BİNGÖL ÖZAKPINAR Ö.
The FEBS Congress, 3 - 08 September 2016
- XXXIII. **The effects of curcumin on human platelet activation apoptosis and aggregation**
BİNGÖL ÖZAKPINAR Ö., ÖZYILDIZ İ. Z., ŞEKERLER T., ÖZSAVCI D., GÖKER B.
The FEBS Congress, 3 - 08 September 2016
- XXXIV. **Paradoxical role of humic acid in some of cancer cell lines**
ŞEKERLER T., MISIRLI D., ÖZSAVCI D., ÖZDEMİR F., GÖKER B., BİNGÖL ÖZAKPINAR Ö.
The FEBS Congress, 3 - 08 September 2016
- XXXV. **Antiapoptotic effects of curcumin against ischemia-induced injury in rat uterus**
Ozsavci D., Ozakpinar Ö., Sekerler T., Kaptan E.
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016,
vol.283, pp.407-408
- XXXVI. **Effect of Horse chestnut Aesculus hippocastanum seed extract on matrix metalloproteinases during diabetic wound healing**
ŞENER A., AKSOY H., ŞEKERLER T., ŞEN A., ÇEVİK Ö.
41 st febs congress Ephesus /kuşadası, Turkey, 3 - 08 September 2016
- XXXVII. **Effect of Horse-chestnut (Aesculus hippocastanum) seed extract on matrix metalloproteinases during diabetic wound healing**
Sener A., Aksoy H., Sekerler T., Sen A., Cevik O.
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016,
vol.283, pp.346
- XXXVIII. **The effects of curcumin on human platelet activation, apoptosis and aggregation**
Ozakpinar Ö., Ozyildiz I. Z., Sekerler T., Ozsavci D., Goker B.

- 41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016,
vol.283, pp.406
- XXXIX. **Antioxidant, antimicrobial and cytotoxic activities of different extracts of Pistacia lentiscus**
Sahin T., Taskin T., Sekerler T., Rayaman P., Gurer U. S., Bitis L., Ozakpinar O. B.
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016,
vol.283, pp.339
- XL. **Antiapoptotic effects of curcumin against ischemia induced injury in rat uterus**
ÖZSAVCI D., BİNGÖL ÖZAKPINAR Ö., ŞEKERLER T., KAPTAN E.
The FEBS Congress, 3 - 08 September 2016
- XLI. **Protective Effects of Tempol and Silymarin Against Cisplatin Induced Hepatotoxicity In Rats**
ALGOZBAKIR T., İZZETTİN F. V., BİNGÖL ÖZAKPINAR Ö., OKUYAN B., ŞEKERLER T., KOLBAŞI B., ERCAN F., URAS F.,
SANCAR M.
Uluslararası İlaç ve Eczacılık Kongresi (İVEK), 28 - 30 November 2014
- XLII. **Bipolar bozukluk tanısı almış hastalarda Kardiyometabolik risklerin ve ilaç kaynaklı problemlerin saptanması**
ALQOZBAKIR T., İZZETTİN F. V., BİNGÖL ÖZAKPINAR Ö., OKUYAN B., ŞEKERLER T., KOLBAŞI B., ERCAN F., URAS F.,
SANCAR M.
International Congress of Pharmaceuticals and Pharmacies, 28 - 30 October 2014
- XLIII. **Curcumin prevents uteri ischemia reperfusion injury via its antioxidative and antiapoptotic effects**
BİNGÖL ÖZAKPINAR Ö., ULUSOY B. F., ŞEKERLER T., ŞAHİN S., ÖZKAN N., MAURER A. M. M. J., URAS F.
Four International Meeting on Pharmacy and Pharmaceutical Sciences (IMPPS-4), 18 - 21 September 2014
- XLIV. **Protective effects of ferulic acid and curcumin against testicular oxidative damage induced by cisplatin in rats**
BAMİ E., OKUYAN B., BİNGÖL ÖZAKPINAR Ö., ÖZDEMİR KUMRAL Z. N., KÖROĞLU K., ERCAN F., ÇIRAKLI Z.,
ŞEKERLER T., İZZETTİN F. V., SANCAR M.
Four International Meeting on Pharmacy and Pharmaceutical Sciences (IMPPS-4), 18 - 21 September 2014
- XLV. **Protective effects of ferulic acid and curcumin against cisplatin induced nephrotoxicity in rats**
BAMİ E., OKUYAN B., BİNGÖL ÖZAKPINAR Ö., ÖZDEMİR KUMRAL Z. N., KÖROĞLU K., ERCAN F., ÇIRAKLI Z.,
ŞEKERLER T., İZZETTİN F. V., SANCAR M.
Four International Meeting on Pharmacy and Pharmaceutical Sciences (IMPPS-4), 18 - 21 September 2014

Supported Projects

Sen A., Bitiş L., Doğan A., Şekerler T., Şenkardeş İ., Şener A., Sarı A., Turan K., Kavaklı İ. H., TUBITAK Project, Geleneksel Tedavide Kullanılan Alkaloitçe Zengin Bazı Bitki Türlerinin Anti-SARS-CoV-2 Etkilerinin Araştırılması ve Aktif Bileziklerinin Izolasyonu, 2022 - 2025

Tasks In Event Organizations

Şekerler T., Mikrobiyotada Güncel Gelişmeler Sempozyumu, 22 Mart 2022, Scientific Congress, İstanbul, Turkey, Mart 2022

Metrics

Publication: 60

Citation (WoS): 104

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H-Index (Scopus): 4