

## CURRICULUM VITAE



### **Prof. DR. S. A. MAJID AYATOLLAHI**

Department of Pharmacognosy

School of Pharmacy

Shahid Beheshti University of

Medical Sciences

Tehran, Iran

**ADDRESS:**

Vali-e Asr Ave., Niayesh junction, Tehran, Iran

Email: [majid\\_ayatollahi@yahoo.com](mailto:majid_ayatollahi@yahoo.com)

**DATE OF BIRTH:**

March 21, 1953 Yazd IRAN

**EDUCATION:**

Ph.D. ( Pharmacognosy) Nov. 1991 University of Karachi,  
Karachi, Pakistan Thesis Title: "Phytochemical Investigations

of Two Medicinal Plants Euphorbia Clarkeana And Sericostoma  
Pauciflorum”

M.Sc. (Organic Chemistry) Sep. 1985, University of Karachi,  
Karachi, Pakistan

Nov. 82, B.Sc. (Chemistry) University of Karachi, Karachi,  
Pakistan

## **EXPERIENCE:**

**March 2005** Representative of the Minister of Health at Shahid Beheshti

**March 2008** Medical Sciences University Tehran, Iran.

**March 2004** Professor

**Sep 1997** Associate Professor

Acting Dean

**March 1992** School of Pharmacy Shahid Beheshti University Tehran, Iran.

**Sep 1998** Assistant Professor

Head of Department of Pharmacognosy

**Feb. 2005**

Representative of the International Center for Chemical  
Sciences (H.E.J. Research Institute of Chemistry, Dr. Panjwani Center for Molecular  
Medicine and Drug Research) in Iran.

**2004-2010**

Chairman of board of directory of Exir Pharmaceutical company,

**1993-2011**

Member of board of trusty, Shahid Beheshti University of medical sciences,

**2008-2011**

Director of Phytochemistry Research center, Shahid Beheshti University of Medicinal Sciences,

**1996-2011**

Member of board of directory of Darupakhsh pharmaceutical company,

**1996-2011**

Member of Editorial Board of Pakistan Journal of Pharmaceutical Sciences, Karachi University.

**2009-2011**

Member of board of advanced study.

**1995-2011**

Member of board of Tofigh Daru pharmaceutical company.

**2013**

70 Doctrate thesis of School of Pharmacy

14 PhD thesis

Executing more than 60 approved projects

Having more than 50 Abstract

**Executive records:**

1-Deputy Dean of Shahid Beheshti Faculty of Pharmacy

2- Deputy Director of Education of Shahid Beheshti Faculty of Pharmacy

3- Deputy Director of Support of Shahid Beheshti Faculty of Pharmacy

4- Director of Pharmacognosy and Pharmaceutical Biotechnology Department

5- Advisor to the General Directorate of Exchanges of the Ministry of Health

6- Member of the Board of Directors of Pharmaceutics and Chairman of the Board of Directors of Exir

7-Representative of the President of Shahid Beheshti University of Medical Sciences in Welfare Affairs

8-Representative of the Minister of Health in the Supervisory Council of Shahid Beheshti University of Medical Sciences

9- Director of the Phytochemistry Research Center of Shahid Beheshti University of Medical Sciences

**Current position:**

1- Member of the Board of Academic Staff of Shahid Beheshti University of Medical Sciences

2- Member of the Pharmacognosy Examination and Evaluation Board of the Ministry of Health and Medical Education

3-Superintendent of Farvardin Ghaemshahr Non-Profit University

4- Member of the Board of Directors and Chairman of the Board of Directors of Farvardin Ghaemshahr Non-Profit University

5- Member of the Board of Directors of Khuzestan Cement Company

6- Member of the Board of Examiners of the University of Karachi, Pakistan

7- Strategic member of the Islamic World Virtual Universities Network

8- Permanent representative of Iran in the Islamic World Virtual Universities Network

10- Faculty member of the Phytochemistry Research Center, Shahid Beheshti University of Medical Sciences

**Courses taught during the general course:**

General Pharmacognosy, Specialized Pharmacognosy, Systematic Methods, Plant Chemistry Ph.D.

## Honors

Being among the top 2% of scientists in the world

## Research Interests:

1- Plant Chemistry and Spectroscopy

2- Research on Plant Materials (Terpenoids, Alkaloids, Flavonoids, etc.)

## LIST OF PUBLICATIONS

[Plant Immunoenhancers: Promising Ethnopharmacological Candidates for Anti-SARS-CoV-2 Activity](#)

SH Ghoran, SA Ayatollahi

Jen-Tsung Chen Editor, 39

[Antioxidant activities and chemical variability in volatile composition among four Dracocephalum species](#)

S Hashemi, M Talebi, SA Ayatollahi, M Khoramjouy, M Faizi

[EBSCO Auth Banner](#)

J Sharifi-Rad, C Quispe, AA Prat, W Zam, M Kumar, SM Cardoso, ...

[Antidiabetic potential of medicinal plants and their active components.](#)

[Biomolecules 2019, 9, 551](#)

F Sharopov, K Ramírez-Alarcón, A Ruiz-Ortega, S Abdulmajid Ayatollahi, ...

[Antidiabetic potential of medicinal plants and their active components.](#)

[Biomolecules. 2019; 9 \(10\): 551](#)

B Salehi, A Ata, KNV ANIL, F Sharopov, K Ramírez-Alarcón, ...

[Opportunities and Challenges for Revitalization of Medicinal Plants](#)

M Talebi, SA Ayatollahi

- List of articles** 2025
- Chemical characterizations, antioxidant potential and antibacterial efficacy of propolis and postbiotic metabolites against gastrointestinal bacterial pathogens  
R Kiani, N Mojgani, F Kobarfard, P Saffarian, SA Ayatollahi  
Microbial Pathogenesis, 107994
- In vitro*, *in silico*, and STD-NMR studies of flavonoids from *Hypericum helianthemoides* (Spach) Boiss. against *Leishmania major* pteridine reductase 1 (LmPTR1) 2025  
S Hafez Ghoran, M Yousuf, H Zafar, MI Abdjan, SA Ayatollahi, ...  
Journal of Biomolecular Structure and Dynamics 43 (12), 6366-6380
- Corrigendum to “Unusual ingenoids from *Euphorbia erythradenia* Bioss. with pro-apoptotic effects”[Fitoterapia 91 (2013) 87–94] 2025  
SM Zarei, AM Ayatollahi, M Ghanadian, M Aghaei, MI Choudhary, ...  
Fitoterapia, 106777
- Hyperhelianthemones AD: Polycyclic polyprenylated benzoylphloroglucinols from *Hypericum helianthemoides* 2025  
S Hafez-Ghoran, IP Gerothanassis, MG Siskos, SA Ayatollahi, S Yousuf, ...  
Phytochemistry 235, 114473
- Correction to: Alteration in the expression of long non-coding RNAs in the circulation of migraineurs 2025  
M Taheri, R Eghtedarian, S Eslami, BM Hussien, S Ghafouri-Fard, ...  
Acta Neurologica Belgica, 1-1
- New Methyl and Ethyl Gallate Esters Linked Chlorinated Benzoyl Derivatives as Anti-*Candida albicans* Agents: Isolation, Semi-Synthesis, In Vitro and In Silico ... 2025  
S Hafez-Ghoran, M Sajid, MI Abdjan, FKF Teia, H Siddiqui, GM Sanjaya, ...  
Chemistry & Biodiversity, e202500153
- Investigating the neuroprotective effects of *Dracocephalum moldavica* extract and its effect on metabolomic profile of rat model of sporadic Alzheimer's disease 2025  
M Talebi, SA Ayatollahi, MA As'Habi, F Kobarfard, M Khoramjouy, ...  
Heliyon 11 (3)
- Enhancing polyamine enrichment from wheat germs: A study utilizing response surface methodology and liquid chromatography-mass spectrometry 2025  
M Mohajeri, S Mokhtari, M Khandan, SA Ayatollahi, F Kobarfard, ...  
Food Chemistry 463, 141408
- Antioxidant and antibacterial potentials of four indigenous propolis extracts against oral tooth decay pathogens, *Streptococcus mutans* and *Candida albicans* 2025  
N Mojgani, M Bagheri, M Moharrami, N Vaseji, MR Sanjabi, O Hosseini, ...  
Journal of Stomatology 78 (1), 6-14

- Evaluating the Inhibitory Effects of Probiotic Bacteria and Propolis Extracts on the Growth and Histopathological Changes in Gastric Tissues of *Helicobacter pylori* Challenged ... 2024  
R Kiani, N Mojgani, F Kobarfard, P Saffarian, SA Ayatollahi, ...  
Iranian Journal of Pharmaceutical Research: IJPR 23 (1), e148158
- Comparative assessment of Omega-3 and CoQ10 as adjuncts to periodontal therapy and total antioxidant capacity of saliva in patients with chronic periodontitis: A double-blind ... 2024  
A Farahmand, M Talebi, F Ramezani, R Karami, ZJ Nodoushani, ...  
The Saudi Dental Journal 36 (12), 1509-1514
- Alteration in the expression of long non-coding RNAs in the circulation of migraineurs 2024  
M Taheri, R Eghtedarian, S Eslami, BM Hussien, S Ghafouri-Fard, ...  
Acta Neurologica Belgica 124 (4), 1295-1301
- Bringing back *Galium aparine* L. from forgotten corners of traditional wound treatment procedures: an antimicrobial, antioxidant, and in-vitro wound healing assay ... 2024  
AD Beirami, N Akhtari, R Noroozi, D Hatamabadi, SMF Hasan, ...  
BMC complementary medicine and therapies 24 (1), 279
- Anti-SARS-CoV-2 Activity of Flavonols and Their Glycosylated Derivatives 2024  
SH Ghoran, F Taktaz, P Alipour, M Ghobadi, SE Faghih-Shirazi, A Zali, ...  
Anti-SARS-CoV-2 Activity of Flavonoids, 82-103
- Discovery of new 13(17)-epoxymyrsinane diterpenes from aerial flowering parts of *euphorbia spinidens* Bornm. ex Prokh. with proapoptotic activities against ... 2024  
M Ghanadian, M Aghaei, A Akhavan Roofigar, SA Ayatollahi  
Natural Product Research, 1-8
- A simple, easy, and efficient HPTLC method for simultaneous determination of polyamines (putrescine, spermidine, and spermine) in plant tissues 2024  
M Mohajeri, SA Ayatollahi, M Khandan, S Mokhtari, V Hosseinzadeh, ...  
Journal of Food Composition and Analysis 126, 105835
- Oliveria decumbens* Vent.(Apiaceae): Biological screening and chemical compositions 2024  
A Mirahmad, SH Ghoran, P Alipour, F Taktaz, S Hassan, M Naderian, ...  
Journal of Ethnopharmacology 318, 117053
- Embryo growth and seed germination requirements in underdeveloped embryos of *Elwendia caroides* and *E. wolfii* (Apiaceae) 2024  
H Fraser-Rahim, F Rezanejad, SA Ayatollahi, R Sharifi, H Rahimi  
Mediterranean Botany 45 (2), 5

- Embryo growth and seed germination requirements in underdeveloped embryos of *Elwendia caroides* and *E. wolfii* (Apiaceae) 2024  
H Rahimi, F Rezanejad, SA Ayatollahi, GR Sharifi-Sirchi, H Rahimi  
Mediterranean Botany 45 (2)
- Promising neuroprotective effects of *Dracocephalum* species: mechanistic perspectives 2024  
M Talebi, A Ghassempour, A Feizi, SA Ayatollahi, M Faizi  
Traditional and Integrative Medicine
- Flavonoids Isolated From *Delphinium semibarbatum* Flowering Aerial Parts With Their Antibacterial, Antibiofilm, and Antiswarming Activity Against *Proteus mirabilis* and ... 2024  
M Lotfaliani, SA Ayatollahi, F Kobarfard, MB Majnooni, A Mirzaei, ...  
Journal of Food Biochemistry 2024 (1), 9994944
- Therapeutic potentials of cannabidiol: Focus on the Nrf2 signaling pathway 2023  
M Talebi, MM Sadoughi, SA Ayatollahi, E Ainy, R Kiani, A Zali, MM Miri  
Biomedicine & Pharmacotherapy 168, 115805
- Wheat germ, a byproduct of the wheat milling industry, as a beneficial source of anti-aging polyamines: A quantitative comparison of various forms 2023  
M Mohajeri, SA Ayatollahi, F Kobarfard, M Goli, M Khandan, S Mokhtari, ...  
Food Science & Nutrition 11 (11), 7242-7254
- Papaya (*Carica papaya* L.) as an effective adjuvant to cancer therapy: phytochemical profile, cellular and molecular targets 2023  
SH Ghoran, F Taktaz, SA Ayatollahi  
Ancient and traditional foods, plants, herbs and spices used in cancer, 205-216
- Plant immunoenhancers: promising ethnopharmacological candidates for anti-SARS-CoV-2 activity 2023  
S Hafez Ghoran, F Taktaz, SA Ayatollahi  
Ethnopharmacology and Drug Discovery for COVID-19: Anti-SARS-CoV-2 Agents ...
- for Anti-SARS-CoV-2 Activity 2023  
SH Ghoran, F Taktaz, SA Ayatollahi  
Ethnopharmacology and Drug Discovery for COVID-19: Anti-SARS-CoV-2 Agents ...
- A review on the role of genetic mutations in the autism spectrum disorder 2023  
S Ghafouri-Fard, A Pourtavakoli, BM Hussen, M Taheri, SA Ayatollahi  
Molecular Neurobiology 60 (9), 5256-5272

- [A review on the role of LINC00472 in malignant and non-malignant disorders](#) 2023  
S Ghafouri-Fard, A Askari, BM Hussien, MF Rasul, M Taheri, SA Ayatollahi  
Pathology-Research and Practice 247, 154549
- [Novel multi-target therapeutic potential of the genus Inula: Advances and opportunities for neuroprotection](#) 2023  
M Talebi, M Khoramjouy, A Feizi, Z Ali, IA Khan, NA Ayatollahi, ...  
Pharmacological Research-Modern Chinese Medicine 7, 100263
- [A review on the role of SNHG8 in human disorders](#) 2023  
S Ghafouri-Fard, A Harsij, BM Hussien, M Taheri, SA Ayatollahi  
Pathology-Research and Practice 245, 154458
- [Comparison of the polyamine content of five spring flowers with wheat germ as a rich anti-aging polyamine source for preparation of nutraceutical products](#) 2023  
M Mohajeri, SA Ayatollahi, M Goli, S Mokhtari, M Khandan, A Nasiri, ...  
Iranian Journal of Pharmaceutical Research: IJPR 22 (1), e134938
- [A review on the role of LINC00511 in cancer](#) 2023  
S Ghafouri-Fard, A Safarzadeh, BM Hussien, M Taheri, SA Ayatollahi  
Frontiers in Genetics 14, 1116445
- [An efficient multicomponent synthesis of fused pyrido-dipyrimidines containing tranexamic acid under green conditions](#) 2023  
F Yazdian, S Ramezanzpour, SA Ayatollahi, A Ghodrati, K Mahmoudzadeh  
Monatshefte für Chemie-Chemical Monthly 154 (2), 223-229
- [Quantifying the impact of algae supplement on blood pressure: Systematic review and meta-analysis of randomized controlled trials](#) 2022  
SA Ayatollahi, S Asgary, F Ghanbari, R Karimi, F Kobarfard, S Sarfaraz, ...  
Current Problems in Cardiology 47 (11), 101336
- [Identification of potential regulatory long non-coding RNA-associated competing endogenous RNA axes in periplaque regions in multiple sclerosis](#) 2022  
H Sabaie, S Khorami Rouz, G Kouchakali, S Heydarzadeh, MR Asadi, ...  
Frontiers in genetics 13, 1011350
- [Interplay between PI3K/AKT pathway and heart disorders](#) 2022  
S Ghafouri-Fard, A Khanbabapour Sasi, BM Hussien, H Shoorei, A Siddiq, ...  
Molecular biology reports 49 (10), 9767-9781
- [Disease-associated regulation of gene expression by resveratrol: Special focus on the PI3K/AKT signaling pathway](#) 2022  
S Ghafouri-Fard, Z Bahroudi, H Shoorei, BM Hussien, SF Talebi, SG Baig, ...  
Cancer Cell International 22 (1), 298

- [Sb \(V\) kaempferol and quercetin derivative complexes: synthesis, characterization and antileishmanial activities](#) 2022  
S Abdeyazdan, M Mohajeri, S Saberi, M Mirzaei, SA Ayatollahi, L Saghaei, ...  
Iranian Journal of Pharmaceutical Research: IJPR 21 (1), e128379
- [Propolis: An update on its chemistry and pharmacological applications](#) 2022  
R Hossain, C Quispe, RA Khan, ASM Saikat, P Ray, D Ongalbek, ...  
Chinese medicine 17 (1), 100
- [Improvement of phenolic compound extraction by using ion exchange chromatography and evaluation of biological activities of polyphenol-enriched fraction of Rosa canina fruits](#) 2022  
Z Sabahi, SMF Hasan, SA Ayatollahi, F Farmani, A Afsari, M Moein  
Iranian Journal of Pharmaceutical Research: IJPR 21 (1), e126558
- [Circ\\_CDR1as: A circular RNA with roles in the carcinogenesis](#) 2022  
S Ghafouri-Fard, T Khoshbakht, BM Hussen, S Sarfaraz, M Taheri, ...  
Pathology-Research and Practice 236, 153968
- [Occurrence and exposure assessment of aflatoxin B1 in Iranian breads and wheat-based products considering effects of traditional processing](#) 2022  
R Noroozi, F Kobarfard, M Rezaei, SA Ayatollahi, G Paimard, S Eslamizad, ...  
Food Control 138, 108985
- [Anthraquinones and their analogues from marine-derived fungi: chemistry and biological activities](#) 2022  
S Hafez Ghoran, F Taktaz, SA Ayatollahi, A Kijjoa  
Marine Drugs 20 (8), 474
- [The effects of Ginsenosides on PI3K/AKT signaling pathway](#) 2022  
S Ghafouri-Fard, N Balaei, H Shoorei, SMF Hasan, BM Hussen, SF Talebi, ...  
Molecular biology reports 49 (7), 6701-6716
- [Emerging role of non-coding RNAs in the course of HIV infection](#) 2022  
S Ghafouri-Fard, BM Hussen, A Abak, M Taheri, SA Ayatollahi  
International Immunopharmacology 103, 108460
- [Nrf2-related therapeutic effects of curcumin in different disorders](#) 2022  
S Ghafouri-Fard, H Shoorei, Z Bahroudi, BM Hussen, SF Talebi, M Taheri, ...  
Biomolecules 12 (1), 82
- [Contribution of circRNAs in gastric cancer](#) 2021  
S Ghafouri-Fard, KH Tamizkar, E Jamali, M Taheri, SA Ayatollahi  
Pathology-Research and Practice 227, 153640

- Chemistry, biological activities and toxic effects of alkaloidal constituents of genus Delphinium-A mini review 2021  
M Lotfaliani, SA Ayatollahi, F Kobarfard, PM Pour  
Journal of Herbmmed Pharmacology 10 (4), 486-499
- Effects of chemotherapeutic agents on male germ cells and possible ameliorating impact of antioxidants 2021  
S Ghafouri-Fard, H Shoorei, A Abak, M Seify, M Mohaqiq, F Keshmir, ...  
Biomedicine & Pharmacotherapy 142, 112040
- The impact of the phytotherapeutic agent quercetin on expression of genes and activity of signaling pathways 2021  
S Ghafouri-Fard, H Shoorei, AK Sasi, M Taheri, SA Ayatollahi  
Biomedicine & Pharmacotherapy 141, 111847
- Determination of phenolics composition, antioxidant activity, and therapeutic potential of Golden marguerite (*Cota tinctoria*) 2021  
MB Bahadori, G Zengin, M Eskandani, A Zali, MM Sadoughi, ...  
Journal of Food Measurement and Characterization 15 (4), 3314-3322
- Emerging role of circular RNAs in breast cancer 2021  
S Ghafouri-Fard, BM Hussien, M Taheri, SA Ayatollahi  
Pathology-Research and Practice 223, 153496
- Naturally occurring bioactives as antivirals: emphasis on coronavirus infection 2021  
SA Ayatollahi, J Sharifi-Rad, PV Tsouh Fokou, GB Mahady, ...  
Frontiers in Pharmacology 12, 575877
- Highly selective fluorescent peptide–based chemosensors for aluminium ions in aqueous solution 2021  
S Ramezanzpour, H Barzinmehr, P Shiri, C Meier, SA Ayatollahi, ...  
Analytical and Bioanalytical Chemistry 413 (15), 3881-3891
- Cytotoxic Properties of Marine Sponge Thetya sp. Extract and Apoptosis Stimulation against Colorectal Cancer Cells 2021  
S Jalalinezhad, SA Ayatollahi, A Taheri  
Journal of Marine Medicine 3 (2), 83-90
- Antinociceptive and antiinflammatory studies on Tradescantia zebrina 2021  
N Baghalpour, SA Ayatollahi, N Naderi, T Hosseinabadi, Y Taheri, ...  
Pak. J. Bot 53 (1), 357-365
- LC-ESI-QTOF-MS/MS characterization of phenolic compounds from Prosopis farcta (Banks & Sol.) JF Macbr. and their potential antioxidant activities 2021  
J Sharifi-Rad, J Zhong, SA Ayatollahi, F Kobarfard, M Faizi, ...  
Cellular and Molecular Biology 67 (1), 189-200

- High-performance thin-layer chromatography fingerprinting and anti-inflammatory and antinociceptive activities of *Pyracantha coccinea* M. Roem.: A laboratory-based study 2021  
Y Taheri, N Naderi, SA Ayatollahi, N Baghalpour, J Mahroo-Bakhtiyari, ...  
Cellular and Molecular Biology 67 (1), 106-111
- Anxiolytic-like effect of *Urena lobata* (L.) in swiss albino mice 2021  
MT Islam, TA Riaz, SA Ayatollahi, J Sharifi-Rad  
Clinical Phytoscience 7 (1), 11
- Research Article Ascorbic Acid and Polyphenols Mediated Green Synthesis of Silver Nanoparticles from *Tagetes erecta* L. Aqueous Leaf Extract and Studied Their Antioxidant Properties 2021  
PK Tyagi, S Tyagi, D Gola, A Arya, SA Ayatollahi, MM Alshehri, ...
- Chemical Composition, Biological Activity, and Health-Promoting Effects of *Withania somnifera* for Pharma-Food Industry Applications 2021  
J Sharifi-Rad, C Quispe, SA Ayatollahi, F Kobarfard, M Staniak, A Stępień, ...  
Journal of Food quality 2021 (1), 8985179
- Anticancer Activity of Delphinium semibarbatum Alkaloid Fractions against LNCaP, and DU 145 Human Prostate Cancer Cells through the Intrinsic Apoptotic Pathway 2021  
M Lotfaliani, M Ghanadian, SA Ayatollahi, M Aghaei, F Kobarfard  
Iranian Journal of Pharmaceutical Research: IJPR 20 (4), 107
- Paclitaxel: application in modern oncology and nanomedicine-based cancer therapy 2021  
J Sharifi-Rad, C Quispe, JK Patra, YD Singh, MK Panda, G Das, ...  
Oxidative medicine and cellular longevity 2021 (1), 3687700
- Diplazium esculentum* (Retz.) Sw.: Ethnomedicinal, Phytochemical, and Pharmacological Overview of the Himalayan Ferns 2021  
P Semwal, S Painuli, KM Painuli, G Antika, TB Tumer, A Thapliyal, ...  
Oxidative Medicine and Cellular Longevity 2021 (1), 1917890
- Green Synthesized Silver Nanoparticles as Potent Antifungal Agent against *Aspergillus terreus* Thom 2021  
F Anum, K Jabeen, S Javad, S Iqbal, A Tahir, Z Javed, N Cruz-Martins, ...  
Journal of Nanomaterials 2021 (1), 2992335
- Phenolic bioactives as antiplatelet aggregation factors: The pivotal ingredients in maintaining cardiovascular health 2021  
J Sharifi-Rad, C Quispe, W Zam, M Kumar, SM Cardoso, OR Pereira, ...  
Oxidative medicine and cellular longevity 2021 (1), 2195902
- Ascorbic Acid and Polyphenols Mediated Green Synthesis of Silver Nanoparticles from *Tagetes erecta* L. Aqueous Leaf Extract and Studied Their Antioxidant ... 2021  
PK Tyagi, S Tyagi, D Gola, A Arya, SA Ayatollahi, MM Alshehri, ...  
Journal of Nanomaterials 2021 (1), 6515419

- Amentoflavone, new hope against SARS-CoV-2: an outlook through its scientific records and an in silico study 2021  
R Hossain, MT Islam, P Ray, D Jain, ASM Saikat, L Nahar, AD Talukdar, ...  
Pharmacognosy Research 13 (3)
- [Retracted] The Therapeutic Potential of Wogonin Observed in Preclinical Studies 2021  
J Sharifi-Rad, J Herrera-Bravo, LA Salazar, S Shaheen, ...  
Evidence-Based Complementary and Alternative Medicine 2021 (1), 9935451
- Ginkgo biloba modulates hippocampal BDNF expression in a rat model of chronic restraint stress-induced depression 2020  
SA Ayatollahi, AA Peyvandi, O Rezaei, F Zare Mehrjardi, A Nahavandi, ...  
Physiology and Pharmacology 24 (4), 285-297
- Medicinal plants used in the treatment of tuberculosis-Ethnobotanical and ethnopharmacological approaches 2020  
J Sharifi-Rad, B Salehi, ZZ Stojanović-Radić, PVT Fokou, M Sharifi-Rad, ...  
Biotechnology advances 44, 107629
- Optimization of edible Alyssum homalocarpum seed gum-chitosan coating formulation to improve the postharvest storage potential and quality of apricot (Prunus armeniaca L.) 2020  
L Monjazez Marvdashti, S Abdulmajid Ayatollahi, B Salehi, J Sharifi-Rad, ...  
Journal of Food Safety 40 (4), e12805
- Biological activities and health-promoting effects of Pyracantha genus: a key approach to the phytochemical's potential 2020  
J Sharifi-Rad, Y Taheri, SA Ayatollahi, N Naderi, NVA Kumar, N Koirala, ...  
Cellular and Molecular Biology 66 (4), 20-27
- High-performance thin-layer chromatography fingerprinting, total phenolic and total flavonoid contents and anti-platelet-aggregation activities of Prosopis farcta extracts 2020  
F Kobarfard, SA Ayatollahi, N Khosravi-Dehaghi, M Faizi, S Amidi, ...  
Cellular and Molecular Biology 66 (4), 8-14
- Phytochemical screening of Alstonia venenata leaf and bark extracts and their antimicrobial activities 2020  
G Bagheri, SA Ayatollahi, K Ramírez-Alarcón, B Salehi, R Mohammadi, ...  
Cellular and Molecular Biology 66 (4), 224-231
- Phenolic compounds, saponins and alkaloids on cancer progression: emphasis on p53 expression and telomere length 2020  
SA Vakili, A George, SA Ayatollahi, M Martorell, EA Ostrander, B Salehi, ...  
Cellular and Molecular Biology 66 (4), 110-119

- Phytol anti-inflammatory activity: Pre-clinical assessment and possible mechanism of action elucidation 2020  
MT Islam, SA Ayatollahi, SMNK Zihad, N Sifat, MR Khan, A Paul, B Salehi, ...  
Cellular and Molecular Biology 66 (4), 264-269
- Phytochemical screening of *Alstonia scholaris* leaf and bark extracts and their antimicrobial activities 2020  
G Bagheri, SA Ayatollahi, K Ramírez-Alarcón, M Fernández, B Salehi, ...  
Cellular and Molecular Biology 66 (4), 270-279
- Synthesis and antithrombotic activity of 1-benzyl-N'-benzylidenepiperidine-3-carbohydrazide derivatives 2020  
F Tosan, MM Hashemi, F Kobarfard, M Monajjemi, SA Ayatollahi  
Blood Coagulation & Fibrinolysis 31 (3), 179-185
- The efficacy of interferon-beta therapy in multiple sclerosis patients: investigation of the *RORA* gene as a predictive biomarker 2020  
SA Ayatollahi, S Ghafouri-Fard, M Taheri, R Noroozi  
The Pharmacogenomics Journal 20 (2), 271-276
- Chemical constituents from *Parrotia persica*-Structural derivatization and their potential prolyl endopeptidase inhibition activity 2020  
H Ali, K Ullah, H Siddiqui, S Iqbal, N Goren, SA Ayatollahi, MI Choudhary  
Bioorganic Chemistry 96, 103526
- Multivesicular liposome (Depofoam) in human diseases 2020  
B Salehi, AP Mishra, M Nigam, F Kobarfard, Z Javed, S Rajabi, K Khan, ...  
Iranian journal of pharmaceutical research: IJPR 19 (2), 9
- Metal (II) complexes of fluconazole: Thermal, XRD and cytotoxicity studies 2020  
SI Ali, ZN Lei, M Ali, K Kojima, M Ahmed, R Peng, DH Yang, SM Haider, ...  
Iranian Journal of Pharmaceutical Research: IJPR 19 (3), 171
- METAL ION-DRUG INTERACTION: PHYSICO-CHEMICAL CHARACTERIZATION AND ANTIMICROBIAL ACTIVITY OF METAL COMPLEXES DERIVED FROM ESTABLISHED DRUGS 2020  
G Ishrat, M Ahmed, M Ali, S Perveen, SA Ayatollahi, SM Haider, S Ahmed
- Attenuation of inflammation in streptozotocin-induced diabetic rabbits by *Matricaria chamomilla* oil: A focus on targeting NF- $\kappa$ B and NLRP3 signaling pathways 2020  
S Saghahazrati, SA Ayatollahi, F Kobarfard, BM Zang  
Chinese Herbal Medicines 12 (1), 73-78
- Prosopis* Plant Chemical Composition and Pharmacological Attributes: Targeting Clinical Studies from Preclinical Evidence 2019  
J Sharifi-Rad, F Kobarfard, A Ata, SA Ayatollahi, N Khosravi-Dehaghi, ...  
Biomolecules 9 (12), 777

- Antidiabetic Activity of Date Seed Methanolic Extracts in Alloxan-Induced Diabetic Rats. 2019  
SA Ayatollahi, M Sharifi-Rad, A Roointan, N Baghalpour, B Salehi, ...  
Pakistan Veterinary Journal 39 (4)
- Antidiabetic potential of medicinal plants and their active components 2019  
B Salehi, A Ata, N V. Anil Kumar, F Sharopov, K Ramirez-Alarcon, ...  
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