# Shah A Khan; Shah Alam Khan; S A Khan

List of Publications by Year
in descending order

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|---|---|---|---|
| 98<br>papers | 3,832<br>citations | 236612<br>25<br>h-index | 138251<br>58<br>g-index |
| 101<br>all docs | 101<br>docs citations | 101<br>times ranked | 4733<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Overview of Chemistry and Therapeutic Potential of Non-Nitrogen Heterocyclics as Anticonvulsant Agents. Current Neuropharmacology, 2022, 20, 1519-1553. | 1.4 | 6 |
| 2 | Furanone-functionalized benzothiazole derivatives: synthesis, inÂvitro cytotoxicity, ADME, and molecular docking studies. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2022, 77, 41-53. | 0.3 | 1 |
| 3 | Structural modification and strategies for the enhanced doxorubicin drug delivery. Bioorganic Chemistry, 2022, 120, 105599. | 2.0 | 16 |
| 4 | The Folkloric Uses and Economic Importance of Some Selected Edible Medicinal Plants Native to Oman: A Brief Overview. , 2022, , 1-29. | | 5 |
| 5 | Discovery, Development, Inventions and Patent Review of Fexinidazole: The First All-Oral Therapy for Human African Trypanosomiasis. Pharmaceuticals, 2022, 15, 128. | 1.7 | 20 |
| 6 | Antidiabetic Phytochemicals From Medicinal Plants: Prospective Candidates for New Drug Discovery and Development. Frontiers in Endocrinology, 2022, 13, 800714. | 1.5 | 81 |
| 7 | Small molecules as kinetoplastid specific proteasome inhibitors for leishmaniasis: a patent review from 1998 to 2021. Expert Opinion on Therapeutic Patents, 2022, 32, 591-604. | 2.4 | 14 |
| 8 | Design, synthesis and in vitro biological activities of coumarin linked 1,3,4-oxadiazole hybrids as potential multi-target directed anti-Alzheimer agents. Journal of King Saud University - Science, 2022, 34, 101977. | 1.6 | 11 |
| 9 | 6-Shogaol Attenuates Traumatic Brain Injury-Induced Anxiety/Depression-like Behavior via Inhibition of Oxidative Stress-Influenced Expressions of Inflammatory Mediators TNF-Î±, IL-1Î², and BDNF: Insight into the Mechanism. ACS Omega, 2022, 7, 140-148. | 1.6 | 5 |
| 10 | Rational drug design, synthesis, and in vivo biological activity of new indolyl-imidazolone hybrids as potential and safer non-steroidal anti-inflammatory agents. Journal of King Saud University - Science, 2022, , 102023. | 1.6 | 4 |
| 11 | Chemistry and Pharmacological Actions of Delphinidin, a Dietary Purple Pigment in Anthocyanidin and Anthocyanin Forms. Frontiers in Nutrition, 2022, 9, 746881. | 1.6 | 19 |
| 12 | Nigella sativa L. and COVID-19: A Glance at The Anti-COVID-19 Chemical Constituents, Clinical Trials, Inventions, and Patent Literature. Molecules, 2022, 27, 2750. | 1.7 | 17 |
| 13 | Development of a Citric-Acid-Modified Cellulose Adsorbent Derived from Moringa peregrina Leaf for Adsorptive Removal of Citalopram HBr in Aqueous Solutions. Pharmaceuticals, 2022, 15, 760. | 1.7 | 11 |
| 14 | Rational drug design strategies for the development of promising multi-target directed indole hybrids as Anti-Alzheimer agents. Bioorganic Chemistry, 2022, 127, 105941. | 2.0 | 14 |
| 15 | Combating COVID-19: The role of drug repurposing and medicinal plants. Journal of Infection and Public Health, 2021, 14, 495-503. | 1.9 | 43 |
| 16 | Synthesis, in vitro cytotoxicity, <scp>ADME,</scp> and molecular docking studies of benzimidazoleâ€bearing furanone derivatives. Journal of the Chinese Chemical Society, 2021, 68, 362-373. | 0.8 | 12 |
| 17 | Identification of metabolic pathways involved in the biotransformation of eslicarbazepine acetate using UPLC-MS/MS, human microsomal enzymes and in silico studies. Journal of King Saud University - Science, 2021, 33, 101281. | 1.6 | 18 |
| 18 | Green synthesis of silver nanoparticles using Omani pomegranate peel extract and two polyphenolic natural products: characterization and comparison of their antioxidant, antibacterial, and cytotoxic activities. Beni-Suef University Journal of Basic and Applied Sciences, 2021, 10, . | 0.8 | 15 |

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| 19 | Quantification of bioactive components and evaluation of antioxidative potential of different floral origin honey from arid regions of Oman. Biocatalysis and Agricultural Biotechnology, 2021, 33, 102007. | 1.5 | 3 |
| 20 | Mucormycosis medications: a patent review. Expert Opinion on Therapeutic Patents, 2021, 31, 1-16. | 2.4 | 14 |
| 21 | Recent advances on drug development and emerging therapeutic agents for Alzheimerâ€™s disease. Molecular Biology Reports, 2021, 48, 5629-5645. | 1.0 | 97 |
| 22 | Innovations and Patent Trends in the Development of USFDA Approved Protein Kinase Inhibitors in the Last Two Decades. Pharmaceuticals, 2021, 14, 710. | 1.7 | 27 |
| 23 | Chemical profiling, cytotoxic and antioxidant activity of volatile oil isolated from the mint (Mentha) Tj ETQq1 1 0.784314 rgBT /Overlock | 1.5 | 16 |
| 24 | Insights into the structure activity relationship of nitrogen-containing heterocyclics for the development of antidepressant compounds: An updated review. Journal of Molecular Structure, 2021, 1237, 130369. | 1.8 | 52 |
| 25 | Discovery, Development, and Patent Trends on Molnupiravir: A Prospective Oral Treatment for COVID-19. Molecules, 2021, 26, 5795. | 1.7 | 125 |
| 26 | Coumarin linked heterocyclic hybrids: A promising approach to develop multi target drugs for Alzheimer's disease. Journal of Molecular Structure, 2021, 1241, 130618. | 1.8 | 24 |
| 27 | Biomedical applications of aerogel. , 2021, , 33-48. | | 1 |
| 28 | Development of a stability indicating HPTLC method for the estimation of olanzapine in pharmaceutical dosage forms. Journal of the Indian Chemical Society, 2021, 98, 100215. | 1.3 | 4 |
| 29 | Reactive metabolites of the anticonvulsant drugs and approaches to minimize the adverse drug reaction. European Journal of Medicinal Chemistry, 2021, 226, 113890. | 2.6 | 19 |
| 30 | Chemistry, Biological Activities, and Uses of Resin of Boswellia serrata Roxb.. Reference Series in Phytochemistry, 2021, , 1-43. | 0.2 | 1 |
| 31 | Anti-Alzheimer potential of a waste by-product (peel) of Omani pomegranate fruits: Quantification of phenolic compounds, in-vitro antioxidant, anti-cholinesterase and in-silico studies. Biocatalysis and Agricultural Biotechnology, 2021, 38, 102223. | 1.5 | 9 |
| 32 | Discovery, Development, Inventions, and Patent Trends on Mobocertinib Succinate: The First-in-Class Oral Treatment for NSCLC with EGFR Exon 20 Insertions. Biomedicines, 2021, 9, 1938. | 1.4 | 13 |
| 33 | Chemical composition, in vitro antibacterial and antioxidant potential of Omani Thyme essential oil along with in silico studies of its major constituent. Journal of King Saud University - Science, 2020, 32, 1021-1028. | 1.6 | 39 |
| 34 | Essential oil from the rhizomes of the Saudi and Chinese Zingiber officinale cultivars: Comparison of chemical composition, antibacterial and molecular docking studies. Journal of King Saud University - Science, 2020, 32, 3343-3350. | 1.6 | 25 |
| 35 | Unwinding Complexities of Diabetic Alzheimer by Potent Novel Molecules. American Journal of Alzheimer's Disease and Other Dementias, 2020, 35, 153331752093754. | 0.9 | 16 |
| 36 | Design, synthesis, and biological evaluation of imidazopyridineâ€linked thiazolidinone as potential anticancer agents. Archiv Der Pharmazie, 2020, 353, e2000071. | 2.1 | 15 |

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| 37 | Recent advances in the development of chemotherapeutic agents for malaria.. Mini-Reviews in Medicinal Chemistry, 2020, 21, 1487-1508. | 1.1 | 2 |
| 38 | Gas chromatography-mass spectrometry analysis andin vitrobiological studies on fixed oil isolated from the waste pits of two varieties ofOlea europaeaL.. OCL - Oilseeds and Fats, Crops and Lipids, 2019, 26, 28. | 0.6 | 11 |
| 39 | Acetyl-11-keto-Î²-boswellic acid (AKBA) Attenuates Oxidative Stress, Inflammation, Complement Activation and Cell Death in Brain Endothelial Cells Following OGD/Reperfusion. NeuroMolecular Medicine, 2019, 21, 505-516. | 1.8 | 32 |
| 40 | C3a Receptor Inhibition Protects Brain Endothelial Cells Against Oxygen-glucose Deprivation/Reperfusion. Experimental Neurobiology, 2019, 28, 216-228. | 0.7 | 18 |
| 41 | Insights into the chemistry and therapeutic potential of furanones: AÂversatile pharmacophore. European Journal of Medicinal Chemistry, 2019, 171, 66-92. | 2.6 | 61 |
| 42 | Phytochemical and Pharmacological Approaches of Traditional Alternate Cassia occidentalis L.. , 2019, , 321-341. | | 1 |
| 43 | Design and synthesis of benzimidazoles containing substituted oxadiazole, thiadiazole and triazolo-thiadiazines as a source of new anticancer agents. Arabian Journal of Chemistry, 2019, 12, 3202-3224. | 2.3 | 45 |
| 44 | Comparison of Curcuminoids Content, in vitro Anti-oxidant and Anti-diabetic Activity of Curcuma longa Collected from Four Different Countries. Asian Journal of Biological Sciences, 2019, 12, 577-582. | 0.2 | 0 |
| 45 | A comprehensive review on Brigatinib â€“ A wonder drug for targeted cancer therapy in non-small cell lung cancer. Saudi Pharmaceutical Journal, 2018, 26, 755-763. | 1.2 | 30 |
| 46 | Chemical composition and in-vitro antioxidant and antimicrobial activity of the essential oil of Citrus aurantifolia L. leaves grown in Eastern Oman. Journal of Taibah University Medical Sciences, 2018, 13, 108-112. | 0.5 | 47 |
| 47 | Synthesis, molecular docking with COX 1& II enzyme, ADMET screening and in vivo anti-inflammatory activity of oxadiazole, thiadiazole and triazole analogs of felbinac. Journal of Saudi Chemical Society, 2018, 22, 469-484. | 2.4 | 16 |
| 48 | Development of a stress induced validated UPLC-PDA method for the analysis of Eslicarbazepine acetate. Saudi Pharmaceutical Journal, 2018, 26, 286-291. | 1.2 | 5 |
| 49 | Studies on new substituted pyridazinones: synthesis and biological evaluation. Brazilian Journal of Pharmaceutical Sciences, 2018, 54, . | 1.2 | 7 |
| 50 | Nalidixic Acid Schiff Bases: Synthesis and Biological Evaluation. Letters in Drug Design and Discovery, 2018, 15, 103-111. | 0.4 | 12 |
| 51 | Microwave-assisted green synthesis and antimicrobial activity of silver nanoparticles derived from a supercritical carbon dioxide extract of the fresh aerial parts of <i>Phyllanthus niruri</i> L. Tropical Journal of Pharmaceutical Research, 2018, 16, 2967. | 0.2 | 13 |
| 52 | Ameliorative effect of camel's milk and Nigella Sativa Oil against thioacetamide-induced hepatorenal damage in rats. Pharmacognosy Magazine, 2018, 14, 27. | 0.3 | 13 |
| 53 | Oxidative Cyclization of Isoniazid with Fluoroquinolones: Synthesis, Antibacterial and Antitubercular Activity of New 2,5-disubstituted-1,3,4-Oxadiazoles. Journal of the Chinese Chemical Society, 2017, 64, 918-924. | 0.8 | 11 |
| 54 | Phytochemistry and potential therapeutic actions of Boswellic acids: A mini-review. Asian Pacific Journal of Tropical Biomedicine, 2017, 7, 513-523. | 0.5 | 79 |

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| 55 | Three New Flavonoid Glycosides from the Fruits of Luffa echinata Roxb.- a Hepatoprotective Plant. Dhaka University Journal of Pharmaceutical Sciences, 2017, 15, 117-125. | 0.1 | 0 |
| 56 | Thymoquinone and Nanoparticles: A Promising Approach for the Clinical Trials. Journal of Bionanoscience, 2017, 11, 258-265. | 0.4 | 9 |
| 57 | Eslicarbazepine acetate: A therapeutic agent of paramount importance in acute anticonvulsant therapy. Journal of Acute Disease, 2017, 6, 245. | 0.0 | 2 |
| 58 | Chemical modification of acetaminophen: PASS assistedin vivo anti-inflammatory activity of chalcones, flavanones and Schiff bases. Journal of Chinese Pharmaceutical Sciences, 2017, 26, . | 0.4 | 0 |
| 59 | Correlation of Thrombolytic and Membrane Stabilizing Activities with Total Flavonoid Content Aerial Parts of Spondias pinnata. Bangladesh Pharmaceutical Journal, 2016, 19, 48-52. | 0.1 | 3 |
| 60 | Rational Design and Synthesis of Biologically Active Disubstituted 2(3H) Furanones and Pyrrolone Derivatives as Potent and Safer Non Steroidal Anti-inflammatory Agents. Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry, 2016, 15, 54-71. | 1.1 | 6 |
| 61 | Antimicrobial, Thrombolytic, Membrane Stabilizing Activities and Total Flavonoid Content of Various Partitionates of Aerial Parts of Eclipta alba (L.) Hassk. Dhaka University Journal of Pharmaceutical Sciences, 2016, 14, 207-213. | 0.1 | 6 |
| 62 | Isolation and in silico Studies of New Diterpene from Phyllanthus amarus Linn.. Asian Journal of Chemistry, 2016, 28, 1161-1163. | 0.1 | 0 |
| 63 | Oblongiside: A New Steroidal Glycoside from Aerial Parts of Croton oblongifolius Roxb.. Asian Journal of Chemistry, 2016, 28, 517-519. | 0.1 | 1 |
| 64 | Synthesis and biological evaluation of a mutual prodrug of norfloxacin and fenbufen. Journal of Taibah University Medical Sciences, 2016, 11, 277-281. | 0.5 | 3 |
| 65 | Synthesis, Molecular Docking and Potential Antioxidant Activity of Di/Trisubstituted Pyridazinone Derivatives. Journal of the Chinese Chemical Society, 2016, 63, 739-750. | 0.8 | 10 |
| 66 | Synthesis, antimicrobial and antitubercular activities of some novel pyrazoline derivatives. Journal of Saudi Chemical Society, 2016, 20, 577-584. | 2.4 | 70 |
| 67 | A review on dronedarone: Pharmacological, pharmacodynamic and pharmacokinetic profile. Journal of Acute Disease, 2016, 5, 102-108. | 0.0 | 19 |
| 68 | Synthesis and in vivo diuretic activity of some new benzothiazole sulfonamides containing quinoxaline ring system. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 1682-1689. | 2.5 | 16 |
| 69 | InÂvitro inhibitory effects on Î±-glucosidase and Î±-amylase level and antioxidant potential of seeds of Phoenix dactylifera L.. Asian Pacific Journal of Tropical Biomedicine, 2016, 6, 322-329. | 0.5 | 46 |
| 70 | Quinoline based furanones and their nitrogen analogues: Docking, synthesis and biological evaluation. Saudi Pharmaceutical Journal, 2016, 24, 705-717. | 1.2 | 17 |
| 71 | Ameliorating effects of Tamarindus indica fruit extract on anti-tubercular drugs induced liver toxicity in rats. Natural Product Research, 2016, 30, 715-719. | 1.0 | 22 |
| 72 | Synthesis, molecular properties, toxicity and biological evaluation of some new substituted imidazolidine derivatives in search of potent anti-inflammatory agents. Saudi Pharmaceutical Journal, 2016, 24, 104-114. | 1.2 | 88 |

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| 73 | Evaluation of antioxidant potential, total phenolic content and phytochemical screening of aerial parts of a folkloric medicine, Haplophyllum tuberculatum (Forssk) A. Juss. Journal of Coastal Life Medicine, 2016, 4, 315-319. | 0.2 | 13 |
| 74 | Synthesis, Biological Evaluation and Pharmacokinetic Studies of Mefenamic Acid - N-Hydroxymethylsuccinimide Ester Prodrug as Safer NSAID. Medicinal Chemistry, 2016, 12, 585-591. | 0.7 | 5 |
| 75 | Triazole: A Potentially Biologically Attractive Scaffold. Journal of Pharmaceutical and Medicinal Chemistry, 2016, 2, 149-170. | 0.0 | 0 |
| 76 | Synthesis and biological evaluation of new hydrazide-Schiff bases. Bangladesh Journal of Pharmacology, 2015, 10, 555. | 0.1 | 13 |
| 77 | Quantification of phenolic compounds, evaluation of physicochemical properties and antioxidant activity of four date (Phoenix dactylifera L.) varieties of Oman. Journal of Taibah University Medical Sciences, 2015, 10, 346-352. | 0.5 | 39 |
| 78 | Development of response surface methodology for optimization of extraction parameters and quantitative estimation of embelin from Embelia ribes Burm by high performance liquid chromatography. Pharmacognosy Magazine, 2015, 11, 166. | 0.3 | 11 |
| 79 | Chemical composition and antibacterial activity of essential oil isolated from Omani basil (Ocimum) Tj ETQq1 1 0.784314 rgBT /Overlo | 0.5 | 54 |
| 80 | Essential oils used in aromatherapy: A systemic review. Asian Pacific Journal of Tropical Biomedicine, 2015, 5, 601-611. | 0.5 | 634 |
| 81 | Quantification of total phenol, flavonoid content and pharmacognostical evaluation including HPTLC fingerprinting for the standardization of Piper nigrum Linn fruits. Asian Pacific Journal of Tropical Biomedicine, 2015, 5, 101-107. | 0.5 | 29 |
| 82 | Pharmacophore based virtual screening, synthesis and SAR of novel inhibitors of Mycobacterium sulfotransferase. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 701-707. | 1.0 | 8 |
| 83 | Design, synthesis, molecular properties and antimicrobial activities of some novel 2(3H) pyrrolone derivatives. Journal of Saudi Chemical Society, 2015, 19, 340-346. | 2.4 | 12 |
| 84 | Evaluation of T2DM related knowledge and practices of Omani patients. Saudi Pharmaceutical Journal, 2015, 23, 22-27. | 1.2 | 22 |
| 85 | Structure Assessment Analysis of Core Domain of Seven Protein Data Bank Entries of HIV-1 Protease Using Different in-silico Techniques. Current Enzyme Inhibition, 2015, 10, 98-104. | 0.3 | 1 |
| 86 | SYNTHESIS, COMPUTER AIDED SCREENING AND PHARMACOLOGICAL EVALUATION OF 2/3-SUBSTITUTED-6(4-METHYLPHENYL)-4,5-DIHYDROPYRIDAZIN3(2H)-ONES, AND PYRIDAZINE SUBSTITUTED TRIAZINE. Indonesian Journal of Pharmacy, 2015, 26, 200. | 0.3 | 3 |
| 87 | Evaluation of self-medication practices in acute diseases among university students in Oman. Journal of Acute Disease, 2014, 3, 249-252. | 0.0 | 34 |
| 88 | GC-MS analysis, determination of total phenolics, flavonoid content and free radical scavenging activities of various crude extracts of Moringa peregrina (Forssk.) Fiori leaves. Asian Pacific Journal of Tropical Biomedicine, 2014, 4, 964-970. | 0.5 | 129 |
| 89 | Determination of total phenol, in-vitro antioxidant and anti-inflammatory activity of seeds and fruits of Zizyphus spina-christi grown in Oman. Asian Pacific Journal of Tropical Biomedicine, 2014, 4, S656-S660. | 0.5 | 40 |
| 90 | Comparative assessment of extraction methods and quantitative estimation of luteolin in the leaves of Vitex negundo Linn. by HPLC. Asian Pacific Journal of Tropical Medicine, 2014, 7, S289-S293. | 0.4 | 16 |

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| 91 | Estimation of total phenolic content, inâ€“vitro antioxidant and antiâ€“inflammatory activity of flowers of Moringa oleifera. Asian Pacific Journal of Tropical Biomedicine, 2013, 3, 623-627. | 0.5 | 228 |
| 92 | A review on therapeutic potential of Nigella sativa: A miracle herb. Asian Pacific Journal of Tropical Biomedicine, 2013, 3, 337-352. | 0.5 | 855 |
| 93 | Knowledge, Attitudes and Awareness of Community Pharmacists Towards the Use of Herbal Medicines in Muscat Region. Oman Medical Journal, 2011, 26, 451-453. | 0.3 | 26 |
| 94 | Hepatoprotective Activity of the Ethanolic Extract of Ficus caricaLinn. LeavesinCarbon Tetrachloride-Induced Hepatotoxicityin Rats. Iranian Journal of Pharmaceutical Research, 2011, 10, 301-6. | 0.3 | 11 |
| 95 | Hepatoprotective activity of the methanolic extract ofTylophora indica(Burm. f.) Merill. leaves. International Journal of Green Pharmacy, 2009, 3, 125. | 0.1 | 20 |
| 96 | Hepatoprotective activity of two plants belonging to the Apiaceae and the Euphorbiaceae family. Journal of Ethnopharmacology, 2002, 79, 313-316. | 2.0 | 61 |
| 97 | Hepatoprotective activity of Luffa echinata fruits. Journal of Ethnopharmacology, 2001, 76, 187-189. | 2.0 | 32 |
| 98 | Self Monitoring of Blood Pressure (SMBP) among Hypertensive patients in Muscat- A pilot study. Journal of Applied Pharmaceutical Science, 0, , . | 0.7 | 2 |