**LIST OF PUBLICATIONS OF PROF. DR. KHALID MOHAMMED KHAN**

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ORCID ID: [**https://orcid.org/0000-0001-8337-402**1](https://orcid.org/0000-0001-8337-4021)

Google Scholar: [**https://scholar.google.com.pk/citations?user=yZJlQYkAAAAJ&hl=en**](https://scholar.google.com.pk/citations?user=yZJlQYkAAAAJ&hl=en)

Co-edited International Book: **1**

Co-edited National Book: **1**

Chapters in Books: **14**

International Patents: **17**

Pakistani Patents: **4**

Total Research Publications: **909 (National = 159 / International = 750)**

Supervised and Co-supervised M. Phil./Ph. D. Scholars: **101**

Total Scientific Impact Factor: **1759.750**

Total Citation: **21060** (As per Google Scholar)

H-index: **70** (As per Google Scholar)

i10-index: **492** (As per Google Scholar)

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| **RESEARCH PUBLICATIONS** | | | | | | | | | |
| **YEAR 2024** | | | | | | | | | |
| **#** | **Name of Authors** | **Title of Publication** | **Name of Journal** | **Year of Publication** | **Vol. (Issue)** | **Page No.** | | **Publication in Pakistan (Y/N)** | **Impact Factor** |
|  | S. Hameed, F. Saleem, M. Özil, N. Baltaş, U. Salar, S. Ashraf, Z. Ul-Haq, M. Taha, and **K.M. Khan,** | Indenoquinoxaline-phenylacrylohydrazide hybrids as promising drug candidates for the treatment of type 2 diabetes: *In vitro* and *in silico* evaluation of enzyme inhibition and antioxidant activity. | International Journal of Biological Macromolecules | 2024 |  | 129517 | | N | 8.2 |
|  | M. Taha, F. Rahim, B. Adalath, S. Imran, **K.M. Khan**, N. Uddin, M. Nawaz, M.K.B. Break, S.M. Magam, and S. Alqarni, | Synthesis of benzimidazole derivatives and their antiglycation, antioxidant, antiurease and molecular docking study. | Arabian Journal of Chemistry | 2024 |  | 105700 | | N | 6.0 |
|  | B. Bano, Kanwal, S. Hameed, M. Lateef, A. Wadood, S. Shams, S. Hussain, N.U. Ain, S. Perveen, M. Taha, and **K.M. Khan** | Unsymmetrical thiourea derivatives: synthesis and evaluation as promising antioxidant and enzyme inhibitors. | Future Medicinal Chemistry | 2024 | 16(6) | 497-511 | | N | 4.2 |
|  | N. Muhammad, R. Khan, F. Seraj, A. Khan, U. Ullah, A. Wadood, A. Ajmal, B. Ali, **K.M. Khan**, N.U.A. Nawaz, and N. AlMasoud, | *In vivo* analgesic, anti-inflammatory and molecular docking studies of *S*-naproxen derivatives. | Heliyon | 2024 | 10(2) | e24267 | | N | 4.0 |
|  | A. Sultana, A. Wahab, G. Fareed, H. Rafiq, **K.M. Khan**, M. Lateef, N. Fareed, S. Hussain, and S.K. Sherwani | Identification of potential drug candidates to treat gastritis and associated oxidative stress based on some novel 2-aryl-1H-naphtho[2,3-d]imidazole: synthesis, in vitro and in silico analysis. | RSC Advances | 2024 | 14(1) | 529-537 | | N | 3.9 |
|  | M. Özil, **K.M. Khan**, N. Baltaş, A. Wadood, A. Samad, and B. Kahveci | Synthesis of benzimidazoles containing piperazine ring as potential therapeutic agents against diabetes mellitus and antioxidant activities. | Journal of Molecular Structure | 2024 | 1304 | 137714 | | N | 3.8 |
|  | M.A. Al-Abdulbaqi, M. Taha, F. Rahim, I. Uddin, N. Uddin, A. Wadood, S. Haq, N. Iqbal, **K.M. Khan**, S.A.A. Shah, and M. Ali | Exploring diabetics II inhibitors based on benzodioxin derivatives, structure activity relationship, molecular docking and ADME property study. | Journal of Molecular Structure | 2024 |  | 137797 | | N | 3.8 |
|  | M. Khan, N. Ambreen, F. Saleem, M.A. Lodhi, F. Jan, M. Kamal, U. Salar, M. Taha, and **K.M. Khan** | Nicotinonitriles as potential inhibitors of α-glucosidase, tyrosinase, and urease enzymes: Synthesis, characterization, in vitro, and in silico studies. | Journal of Molecular Structure | 2024 | 1305 | 137742 | | N | 3.8 |
|  | W. Ullah, F. Rahim, S. Hayat, H. Ullah, M. Taha, S. Khan, A. Khaliq, S. Bibi, O. Gohar, N. Iqbal, S.A.A. Shah, and **K.M. Khan,** | Synthesis of indole based sulfonamide derivatives as potent inhibitors of α-glucosidase and α-amylase in management of type-II diabetes. | Chemical Data Collections | 2024 | 50 | 101122 | | N | 3.1 |
|  | M. Taha, M. Salahuddin, F. Rahim, S. Imran, S. Hussain, N. Uddin, and **K.M. Khan,** | New quinoline analogues: As potential diabetics inhibitors and molecular docking study. | Polycyclic Aromatic Compounds | 2024 | 44(1) | 67-89 | | N | 2.4 |
|  | S.Z. Siddiqui, M.A. Abbasi, A. Ur-Rehman, M. Solangi, M. Ashraf, and **K.M. Khan** | S‐Substituted Oxadiazoles: A Multi‐Faceted Approach to Synthesis, Enzyme Inhibition, and Antibacterial Properties. | ChemistrySelect | 2024 | 9(7) | 202304685 | | N | 2.3 |
|  | S. Qayyum, A. Jabeen, S. Ashraf, F. Seraj, **K.M. Khan**, R.A. Siddiqui, and Z. Ul-Haq | Oxadiazole derivatives of diclofenac as an anti-proliferative agent for β-cell non-Hodgkin lymphoma: an in vitro and in silico studies. | Medicinal Chemistry (Shariqah (United Arab Emirates)) | 2024 |  |  | | N | 2.3 |
|  | Choudhary Y., A.T. Wahab, H. Zafar, S. Siddiqui, M. Khan, **K.M. Khan**, A.H. Asseri, M.I. Choudhary, and A.U. Rahman, | Biochemical and in silico studies on triazole derivatives as tyrosinase inhibitors: Potential treatment of hyperpigmentation related skin disorders. | Medicinal Chemistry (Shariqah (United Arab Emirates)) | 2024 |  |  | | N | 2.3 |
|  | F.A. Simau, U. Ahmed, **K.M. Khan,** N.A. Khan, R. Siddiqui, A.M. Alharbi, H. Alfahemi, and A. Anwar | Lactase can target cellular differentiation of *Acanthamoeba castellanii* belonging to the T4 genotype. | Parasitology Research | 2024 | 123(2) | 117 | | N | 2.0 |
|  | A.R. Khan, S. Al-Enazi, A. Al-Gahtani, S. Al-Zahrani, S.M. Saad, **K.M. Khan**, and A. Alothaim | Accurate determination of Biotinidase activity in serum by HPLC and its utilization as second tier test for the confirmation of initial positive newborn screening results. | Molecular Genetics and Metabolism Reports | 2024 | 38 | 101045 | | N | 1.9 |
|  | Z. Hussain, A. Khan, M.Y. Naz, **K.M. Khan**, S.A. Sulaiman, and H. Gulab | Borax‐catalyzed product selective high temperature pyrolysis of waste polyethylene using solar energy. | Journal of the Chinese Chemical Society | 2024 | 1 |  | | N | 1.8 |
| **YEAR 2023** | | | | | | | | | |
|  | F. Saleem, M. Haider, **K. M. Khan**, M. Özil, N. Baltaş, Z. Ul-Haq, U. Qureshi, U. Salar, M. Taha, S. Hameed, and N. Ullah | Regioselective syntheses of 2-oxopyridine carbonitrile derivatives and evaluation for antihyperglycemic and antioxidant potential. | International Journal of Biological Macromolecules | 2023 | 241 | 124589 | | N | 8.2 |
|  | H. A. Younus, F. Saleem, A. Hameed, M. Al-Rashida, R. A. Al-Qawasmeh, M. El-Naggar, S. Rana, M. Saeed and **K. M. Khan** | Part-II: an update of Schiff bases synthesis and applications in medicinal chemistry-a patent review (2016-2023). | Expert Opinion on Therapeutic Patents | 2023 | 33(12) | 841-864 | | N | 6.7 |
|  | M. Taha, F. Rahim, A. A. Khan, B. Adalat, S. Imran, J. M. Alshehri, A. Ahmad, K. M. Khan, S. A. A. Shah, and N. Uddin | The β-carboline analogs as a potent inhibitor for Alzheimer’s Disease, molecular docking and dynamics simulation study. | Arabian Journal of Chemistry | 2023 | 16(12) | 105300 | | N | 6 |
|  | M. Taha, F. Rahim, I. Uddin, M. Amir, N. Iqbal, A. Wadood, **K.M. Khan**, N. Uddin, A.U. Rehman, and R.K. Farooq | Discovering phenoxy acetohydrazide derivatives as urease inhibitors and molecular docking studies. | Journal of Biomolecular Structure and Dynamics | 2023 |  | 1-10 | | N | 5.235 |
|  | M. Taha, F. Rahim, K. Zaman, E.H. Anouar, N. Uddin, F. Nawaz, M. Sajid, **K.M. Khan**, A.A. Shah, A. Wadood, and A.U. Rehman | Synthesis, in vitro biological screening and docking study of benzo [d] oxazole bis Schiff base derivatives as a potent anti-Alzheimer agent. | Journal of Biomolecular Structure and Dynamics | 2023 | 41(5) | 1649-1664 | | N | 5.235 |
|  | M. Taha, F. Rahim, I.U. Khan, N. Uddin, R.K. Farooq, A. Wadood, A.U. Rehman, and **K.M. Khan** | Synthesis of thiazole-based-thiourea analogs: as anticancer, antiglycation and antioxidant agents, structure activity relationship analysis and docking study. | Journal of Biomolecular Structure and Dynamics | 2023 |  | 1-16 | | N | 5.235 |
|  | B. Fatima, F. Saleem, U. Salar, S. Chigurupati, S. G. Felemban, Z. Ul‐Haq, S. S. Tariq, S. A. Almahmoud, M. Taha, S. T. Shah, and **K. M. Khan** | Multitargeted inhibition of key enzymes associated with diabetes and Alzheimer's disease by 1,3,4‐oxadiazole derivatives: Synthesis, *in vitro* screening, and computational studies. | Archiv der Pharmazie | 2023 |  | e2300384 | | N | 5.1 |
|  | F. Rahim, H. Ullah, M. Taha, R. Hussain, M. Sarfraz, R. Iqbal, N. Iqbal, S. Khan, S.A. Ali Shah, M.A. Albalawi, M.A. Abdelaziz, F. S. Alatawi, A. Alasmari, M.I. Sakran, N. Zidan, I. Jafri, and **K.M. Khan** | Synthesis of new triazole-based thiosemicarbazone derivatives as anti-alzheimer’s disease candidates: evidence-based in vitro study. | Molecules | 2023 | 28(1) | 21 | | N | 4.927 |
|  | S. Khan, H. Ullah, M. Taha, F. Rahim, M. Sarfraz, R. Iqbal, N. Iqbal, R. Hussain, S.A. Ali Shah, K. Ayub, M.A. Albalawi, M.A. Abdelaziz, F.S. Alatawi, and **K.M. Khan** | Synthesis, DFT Studies, Molecular Docking and Biological Activity Evaluation of Thiazole-Sulfonamide Derivatives as Potent Alzheimer’s Inhibitors. | Molecules | 2023 | 28(2) | 559 | | N | 4.927 |
|  | F. Saleem, F. Shamim, M. Özil, N. Baltaş, U. Salar, S. Ashraf, Z. Ul-Haq, M. Taha, M. Solangi, and **K.M. Khan** | Multicomponent diastereoselective synthesis of tetrahydropyridines as α-amylase and α-glucosidase enzymes inhibitors. | Future Medicinal Chemistry | 2023 |  |  | | N | 4.2 |
|  | I. Ali, R. Rafique, **K. M. Khan**, S. Chigurupati, X. Ji, A. Wadood, U. Salar, S. A. Almahmoud, A. U. Rehman, S. G. Felemban, and S. Hameed | Synthetic benzofuran-linked chalcones with dual actions: A potential therapeutic approach to manage diabetes mellitus. | Future Medicinal Chemistry | 2023 | 15(2) | 167-187 | | N | 4.2 |
|  | I.G. Asuquo, M. Solangi, **K.M. Khan**, S. Chigurupati, I.E. Otuokere, F.K. Ekuma, U. Salar, S.G. Felemban, A.U. Rehman, A. Wadood, and M. Taha | Design, synthesis and bio-evaluation of indolin-2-ones as potential antidiabetic agents. | Future Medicinal Chemistry | 2023 | 15(1), | 25-42 | | N | 4.2 |
|  | I.U. Haq, I. Ali, U. Salar, S. Chigurupati, U. Qureshi, S.A. Almahmoud, S. Hameed, S. Konanki, M. Ahmad, M. Ali, Z.U. Haq, and **K.M. Khan** | Synthetic piperidine-substituted chalcones as potential hits for α-amylase inhibitory and antioxidant activities. | Future Medicinal Chemistry | 2023 |  |  | | N | 4.2 |
|  | M. Taha, F. Rahim, S. Hayat, S. Chigurupati, **K.M. Khan**, S. Imran, S.A. Ali Shah, N. Uddin, S.G. Felemban, and V. Venugopal | New pyrrolopyridine-based thiazolotriazoles as diabetics inhibitors: enzymatic kinetics and in silico study. | Future Medicinal Chemistry | 2023 | 15(5) | 405-419 | | N | 4.2 |
|  | F. Seraj, **K. M. Khan**, J. Iqbal, A. Imran, Z. Hussain, U. Salar, S. Hameed, and M. Taha | Evaluation of synthetic aminoquinoline derivatives as urease inhibitors: in vitro, in silico and kinetic studies. | Future Medicinal Chemistry | 2023 | 15(18) |  | | N | 4.2 |
|  | M. Solangi, **K. M. Khan**, X. Ji, M. Ozil, N. Baltas, U. Salar, A. Khan, Z. Ul-Haq, H. Meghwar, and M. Taha | Indole-pyridine carbonitriles: MCR synthesis and bio-evaluation as potential hits against diabetes mellitus. | Future Medicinal Chemistry | 2023 | 15(21) | 1943-1965 | | N | 4.2 |
|  | S. Shamim, **K.M. Khan**, M. Ali, M. Mahdavi, U. Salar, M. Mohammadi-Khanaposhtani, M.A. Faramarzi, N. Ullah, and M. Taha | Diphenyl-substituted triazine derivatives: synthesis, *α*-glucosidase inhibitory activity, kinetics and *in silico* studies | Future Medicinal Chemistry | 2023 | 15(18) | 1651-1668 | | N | 4.2 |
|  | Alishba, U. Ahmed, M. Taha, N.A. Khan, U. Salar, **K.M. Khan**, A. Anwar, and R. Siddiqui | Potential anti-amoebic effects of synthetic 1,4-benzothiazine derivatives against *Acanthamoeba castellanii*. | Heliyon | 2023 | 10(1) | e23258 | | N | 4.0 |
|  | M. Khan, G. Ahad, A. Alam, S. Ullah, A. Khan, Kanwal, U. Salar, A. Wadood, A. Ajmal, **K.M. Khan**, S. Perveen, J. Uddin, and A. Al-Harrasi | Synthesis of new *bis*(dimethylamino)benzophenone hydrazone for diabetic management: *In-vitro* and *in-silico* approach. | Heliyon | 2023 | 10(1) | e23323 | | N | 4.0 |
|  | M. Taha, S.J. Gilani, I. Kazmi, F. Rahim, B. Adalat, H. Ullah, F. Nawaz, A. Wadood, Z. Ali, S.A.A. Shah, and **K.M. Khan** | Synthesis, biological evaluation and molecular docking study of indazole based Schiff base analogues as new anti-diabetic inhibitors. | Journal of Molecular Structure | 2023 | 1300 | 137189 | | N | 3.8 |
|  | M. Taha, S. Imran, F. Rahim, N. Uddin, N. Iqbal, **K.M. Khan**, R.K. Farooq, M. Alomari, I. Islam, and S. Algheribe | Discovering biological efficacy of new thiadiazole as effective inhibitors of urease, glycation, and (DPPH) scavengers: Biochemical and *in silico* study. | Journal of Molecular Structure | 2023 | 1274 | 134449 | | N | 3.841 |
|  | A. Ata, U. Salar, F. Saleem, M. Lateef, S.A. Khan, **K.M. Khan,** M. Taha, S.M. Haider, and Z. Ul-Haq | Identification of potential urease inhibitors and antioxidants based on saccharin derived analogs: Synthesis, *in vitro*, and *in silico* studies. | Journal of Molecular Structure | 2023 | 1274 | 134376 | | N | 3.841 |
|  | K.A. Mbachu, E. Umm, M.A. Khan, S. Hameed, M. Lateef, L. Atta, Z. Ul-Haq, **K.M. Khan**, and O. Ekundayo | Urease inhibitory activity on 1, 2, 3-triazoles-linked indomethacin derivatives; in vitro and in silico studies. | Journal of Molecular Structure | 2023 | 1278 | 134945 | | N | 3.841 |
|  | S.Z. Siddiqui, M. Arfan, M.A. Abbasi, S.A.A. Shah, R. Parveen, M. Ashraf, M. Solangi, S. Hussain, and **K.M. Khan** | Design, synthesis of triazole-based scaffolds, N-(substitutedphenyl)-2-(5-(4-methoxyphenyl)-4-phenyl-4H-1, 2, 4-triazol-3-ylthiol) acetamides: As potential anti-cholinesterase agents for neurodegenerative diseases. | Journal of Molecular Structure | 2023 |  | 135885 | | N | 3.841 |
|  | M. Taha, A.A. Khan, F. Rahim, S. Hayat, S. Imran, N. Iqbal, N. Uddin, **K.M. Khan**, R.K. Farooq, M. Nawaz, and S.A.A. Shah | Synthesis, in vitro evaluation and molecular docking studies of hybrid 4-quinolinyl bearing 1, 3, 4-thiadiazole-2-amine as a new inhibitor of α-amylase and α-glucosidase. | Journal of Molecular Structure | 2023 | 1282 | 135173 | | N | 3.841 |
|  | M. Taha, S. Hayat, F. Rahim, N. Uddin, A. Wadood, M. Nawaz, M. Gollapalli, A.U. Rehman, **K.M. Khan**, and R.K. Farooq | Exploring thiazole-based Schiff base analogs as potent α-glucosidase and α-amylase inhibitor: their synthesis and in-silico study. | Journal of Molecular Structure | 2023 | 1287 | 135672 | | N | 3.841 |
|  | M. Taha, H. Sadia, F. Rahim, M.I. Khan, S. Hayat, N. Iqbal, F. Nawaz, H. Ullah, H. Zada, S. A. A. Shah, A. Wadood, R. K. Farooq, and **K.M. Khan** | Synthesis, biological evaluation and molecular docking study of oxindole based chalcone analogues as potent anti-Alzheimer agents | Journal of Molecular Structure | 2023 | 1285 | 135530 | | N | 3.841 |
|  | M. Hamid, U. Salar, Y. Rashid, M. K. Azim, **K. M. Khan**, S. Naz, T. Aziz, M. Alharbi, A. Alshammari, and A. F. Alasmari | Determining the 3-substituted coumarins inhibitory potential against the HslV protease of E. coli. | European Review for Medical and Pharmacological Sciences | 2023 | 27 | 9169-9182 | | N | 3.3 |
|  | S.M. Umer, S. Shamim, **K.M. Khan**, and R.S.Z. Saleem | Perplexing Polyphenolics: The Isolations, Syntheses, Reappraisals, and Bioactivities of Flavonoids, Isoflavonoids, and Neoflavonoids from 2016 to 2022. | Life | 2023 | 13(3) | 736 | | N | 3.2 |
|  | U. Ahmed, S. Ong, K.O. Tan, **K.M. Khan,** N.A. Khan, R. Siddiqui, B.S. Alawfi and A. Anwar | Alpha-Mangostin and its nano-conjugates induced programmed cell death in *Acanthamoeba castellanii* belonging to the T4 genotype. | International Microbiology | 2023 |  | 1-19 | | N | 3.1 |
|  | U. Ahmed, S. K. Ong, **K. M. Khan**, R. Siddiqui, N. A. Khan, M. F. Shaikh, B. S. Alawfi, and A. Anwar | Effect of embelin on inhibition of cell growth and induction of apoptosis in *Acanthamoeba castellanii*. | Archives of Microbiology | 2023 | 205(12) | 360 | | N | 2.8 |
|  | U. Ahmed, M. Manzoor, S. Qureshi, M. Mazhar, A. Fatima, S. Aurangzeb, M. Hamid, **K.M. Khan**, N.A. Khan, Y. Rashid, and A. Anwar | Anti-amoebic effects of synthetic acridine-9 (10H)-one against brain-eating amoebae. | Acta tropica | 2023 | 239 | 106824 | | N | 2.7 |
|  | U. Ahmed, Y. Sivasothy, **K. M. Khan,** N. A. Khan, S. M. A. Wahab, K. Awang, M. A. Othman, and A. Anwar | Malabaricones from the fruit of Myristica cinnamomea King as potential agents against Acanthamoeba castellanii. | Acta Tropica | 2023 | 248 | 107033 | | N | 2.7 |
|  | M. Arfan, S.Z. Siddiqui, M.A. Abbasi, S.M. Saad, S.A.A. Shah, M. Ashraf, S. Hussain, F. Ali, M. Solangi, and **K.M. Khan** | Innovative cholinergic scaffolds, synthesis, and characterization of substituted 1, 2, 4-triazole-3-ylthio-N-acetamides and their in silico studies: supplement against neurodegenerative disease. | Journal of the Iranian Chemical Society | 2023 |  | 1-15 | | N | 2.4 |
|  | A. Gul, S.M. Saad, H. Zafar, **K.M. Khan**, and M.I. Choudhary | *In vitro* and In silico Xanthine Oxidase Inhibitory Activities of 3-Aryl-2-thioxo-2, 3-dihydroquinazolin-4 (1H)-one Derivatives. | Medicinal Chemistry | 2023 | 19(4) | 384-392 | | N | 8.039 |
|  | M. Taha, M. Salahuddin, F. Rahim, S. Imran, S. Hussain, N. Uddin, and **K.M. Khan** | New Quinoline Analogues: As Potential Diabetics Inhibitors and Molecular Docking Study. | Polycyclic Aromatic Compounds | 2023 |  | 1-23 | | N | 2.195 |
|  | M. Taha, M. Salahuddin, N.B. Almandil, R.K. Farooq, F. Rahim, N. Uddin, M. Nawaz, A.H. Alhibshi, E.H. Anouar, and **K.M. Khan** | In Vitro and in Vivo Anti diabetics Study of New Oxadiazole Derivatives Along with Molecular Docking Study. | Polycyclic Aromatic Compounds | 2023 |  | 1-16 | | N | 2.195 |
|  | I.U. Haq, I. Ali, **K.M. Khan**, S. Chigurupati, A. Habib, U. Salar, M. Ahmad, S. Konanki, S.G. Felemban, M. Taha, and Z.U.Haq | New arylidene-linked chromane-2, 4-dione analogs as potential leads for diabetic management; syntheses, α-amylase inhibitory, and radical scavenging activities. | Chemical Papers | 2023 | 77(5) | 2581-2604 | | N | 2.146 |
|  | N. L. Rajput, M. A. Moghal, A. Balouch, and **K. M. Khan** | Simultaneous remediation of Cr and Ni from waste water using efficient Schiff-base resin bis (2-methoxy-1-napthaldehy)-O-phenylene diimine as an adsorbent. | Journal of Coordination Chemistry | 2023 |  | 1-15 | |  | 1.9 |
|  | Z. Shaikh, U. Ashiq, R.A. Jamal, S. Gul, M. Mahroof-Tahir, S. Sultan, U. Salar, and **K.M. Khan** | Synthesis, characterization, lipoxygenase, and tyrosinase inhibitory activities of non-cytotoxic titanium (III) and (IV) hydrazide complexes. | Bulletin of the Chemical Society of Ethiopia | 2023 | 37(2) | 315-333 | | N | 1.450 |
|  | O. Babatunde, S. Hameed, K.A. Mbachu, F. Saleem, S. Chigurupati, A. Wadood, A.U. Rehman, V. Venugopal, **K.M. Khan**, M. Taha, and O. Ekundayo | Evaluation of derivatives of 2, 3-dihydroquinazolin-4 (1H)-one as inhibitors of cholinesterases and their antioxidant activity: In vitro, in silico and kinetics studies. | Journal of the Serbian Chemical Society | 2023 |  |  | | N | 1.1 |
|  | M. Khan, M. Raheel, S. Shah, M. Ibrahim, M. Asif, U. Salar, and **K.M. Khan** | Synthesis, Characterization, DPPH, Ferric Reducing, and Ferrous Ion- Chelating Activities of Isophthalate Schiff Bases. | Letters in Drug Design & Discovery | 2023 | 20(1) | 31-39. | | N | 1.099 |
|  | M. Khan, A. Alam, U. Salar, S. Chigurupati, F. Saleem, S. Hameed, M. Taha, and **K.M. Khan** | Flurbiprofen Derivatives as Potential DPPH and ABTS Radical Scavengers. | Russian Journal of Organic Chemistry | 2023 | 59(9) | 1577-1582 | | N | 0.8 |
|  | A.A. Khan, H. Ullah, F. Rahim, M. Taha, F. Khan, W. Rehman, A. Wadood, and **K.M. Khan** | Synthesis, in vitro α-glucosidase and α-amylase activities, and an in silico molecular docking study of triazinoindole-thiazolidinone hybrid derivatives. | Chemical Data Collections | 2023 | 45 | 101035 | | N | 0.217 |
|  | Qurat-ul-Ain, S. Rafi, Arshia, R. Uddin, **K. M. Khan**, and M. I. Choudhary | Benzophenone Semicarbazones as Potential alpha-glucosidase and Prolyl Endopeptidase Inhibitor: In-vitro free radical scavenging, enzyme inhibition, mechanistic, and molecular docking studies. | arXiv preprint arXiv | 2023 |  | 2310.00947 | | N | 0.0 |
|  | S. Perveen, Qurat-ul-Ain, S. Iqbal, S. Wajid, **K. M. Khan**, and M. I. Choudhary | 1,1-Diphenyl-2-picrylhydrazyl and superoxide anion radical scavenging 1 activities of heterocyclic 2-oxo-1,2,3,4-tetrahydropyrimidines. | arXiv preprint arXiv | 2023 |  | 2310.10063 | | N | 0.0 |
|  | F. Saleem, and **K.M. Khan** | Indole Derivatives: Unveiling New Frontiers in Medicinal and Synthetic Organic Chemistry. | Molecules | 2023 | 28(14) | 5477 | |  | - |
|  | F. Saleem, F. Naz, and **K.M. Khan** | Patent analysis of novel therapeutic approaches for treating Alzheimer’s disease 2018–2023. | Pharmaceutical Patent Analyst | 2023 |  |  | |  | 2.321 |
| **YEAR 2022** | | | | | | | | | |
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