

Touqeer Ahmed

Professor

Atta-Ur-Rahman School of Applied Biosciences

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About

Dr. Touqeer Ahmed is working as Professor in the Atta-Ur-Rahman School of Applied Biosciences. Dr. Touqeer Ahmed has a PhD in HEALTH SCIENCES. Dr. Touqeer Ahmed has published 67 research articles & conference papers having a citation count of 2508, carried out 3 projects and filed 0 intellectual property.

Qualifications

PhD in HEALTH SCIENCES Aga Khan University , Pakistan	2005 - 2009
BS in Pharmacy Gomal University , Pakistan	2000 - 2004

Experience

Professor Atta-Ur-Rahman School of Applied Biosciences	2023- Present
Professor Atta-Ur-Rahman School of Applied Biosciences	2022 - 2023
Professor Atta-Ur-Rahman School of Applied Biosciences	2021 - 2022
Associate Professor Atta-Ur-Rahman School of Applied Biosciences	2016 - 2021
Assistant Professor Atta-Ur-Rahman School of Applied Biosciences	2015 - 2016
Assistant Professor Atta-Ur-Rahman School of Applied Biosciences	2012 - 2015
Assistant Professor NUST Centre for Virology And Immunology	2011 - 2012
Scientist Korea institute of Science and Technology , KIST, Seoul South Korea	2010 - 2011

Awards

Dr. Touqeer Ahmed Best Teacher Award 2017 ASAB/ NUST	2017
Dr.Touqeer Ahmed Research Productivity Award/2011 by Pakistan Council of Science and Technology *Category G* Research Productivity Award/ 2012 by Pakistan Council of Science and Technology *Category F*	2012
Touqeer Ahmed Awarded gold medal for securing first division and first position.	2004
Touqeer Ahmed Best Graduate Certificate" for securing highest marks percentage ever in the history of pharmacy up to the session 2004 in the Faculty of Pharmacy, Gomal University, Dera Ismail Khan, KPK, Pakistan.	2004

Research Projects

National Projects

Brain Awareness Week - Bridging the Gap Between Brain And Community

Funding Agency: IBRO
Amount: PKR 347,787.00
Status: Approved_inprocess

Diversity promotion in neurosciences in Pakistan and South Asian Countries: Moving a step forward

2023

Funding Agency: Internationa Brain Research Organization (IBRO)
Amount: PKR 1,078,928.00
Status: Approved_inprocess

Evaluation of Therapeutic Potential of Resveratrol in Metals-Induced Neurotoxicity.

2019

Funding Agency: HEC
Amount: PKR 4,440,000.00
Status: Completed

International Projects

Research Articles

Protective effects of resveratrol in high fat diet– and metals (Al, Pb, As)-induced metabolic and cognitive impairments

2025

Abida Zulfikar Saima Bashir Touqeer Ahmed
Bangladesh Journal of Pharmacology , Volume:20, Issue:2, Pages 78-87
Impact Factor: 0.900 | Quartile: 4
DOI: 10.3329/bjp.v20i2.80955

Post-exposure self-recovery reverses oxidative stress, ameliorates pathology and neurotransmitters imbalance and rescues spatial memory after time-dependent aluminum exposure in rat brain

2024

Humna Asghar Alveena Siddiqui Touqeer Ahmed Laraib Batool Zehra Batool
BioMetals , Pages: 20
Impact Factor: 3.5 | Quartile: 3 | Citations: 1
DOI: 10.1007/s10534-023-00570-1

Sex-specific effects of neuromodulatory drugs on normal and stress-induced social dominance and aggression in rats

2023

Sara Ishaq Saadia Zahid Touqeer Ahmed
Psychopharmacology , Pages 1-14
Impact Factor: 3.4 | Quartile: 2 | Citations: 4
DOI: 10.1007/s00213-023-06503-7

Sexually Dimorphic Effects of Neuromodulatory Drugs on Normal and Stress-Induced Social Interaction in Rats

2023

Sara Ishaq Touqeer Ahmed
Brain Sciences , Volume 13(10), Article Number 1378
Impact Factor: 3.3 | Quartile: 3
DOI: 10.3390/brainsci13101378

Comparative Study of Time-Dependent Aluminum Exposure and Post-Exposure Recovery Shows Better Improvement in Synaptic Changes and Neuronal Pathology in Rat Brain After Short-Term Exposure

2023

Humna Asghar Touqeer Ahmed
Neurochemical Research , Pages 1-23
Impact Factor: 4.414 | Quartile: 2 | Citations: 3
DOI: https://doi.org/10.1007/s11064-023-03936-6

Influence of Sex and Muscarinic Activity on Memory Retrieval in Mouse Model of Traumatic Brain Injury

2023

Habiba Rashid Touqeer Ahmed
Brain Sciences , Volume 13(1), Article Number 108
Impact Factor: 3.333 | Quartile: 3 | Citations: 3
DOI: https://doi.org/10.3390/brainsci13010108

Neuroprotective effects of Shogaol in metals (Al, As and Pb) and high fat diet induced neuroinflammation and behavior in mice <i>Sara Ishaq Sohana Siyar Rabia Basri Amna Liaqat Armeen Hameed Touqeer Ahmed</i> <i>Current Molecular Pharmacology</i> , Pages 1-17 Impact Factor: 3.855 Quartile: 2 Citations: 8 DOI: 10.2174/1874467215666220928110557	2022
Gender dimorphic effect of dopamine D2 and muscarinic cholinergic receptors on memory retrieval <i>Habiba Rashid Touqeer Ahmed</i> <i>Psychopharmacology</i> , Volume 238, Issue 8, Pages 2225-2234 Impact Factor: 4.415 Quartile: 2 Citations: 3 DOI: 10.1007/s00213-021-05847-2	2021
Rosmarinic acid and ursolic acid alleviate deficits in cognition, synaptic regulation and adult hippocampal neurogenesis in an Aβ1-42-induced mouse model of Alzheimer's disease <i>Fatima Javed Mirza Sanila Amber Sumera Deebea Hassan Saadia Zahid Touqeer Ahmed</i> <i>Phytomedicine</i> , Volume 83, Article Number 153490 Impact Factor: 6.656 Quartile: 1 Citations: 78 DOI: https://doi.org/10.1016/j.phymed.2021.153490	2021
Amyloid beta induced Neurotoxicity Impairs Cognition and Adult hippocampal Neurogenesis in a Mouse Model for Alzheimer's disease <i>Touqeer Ahmed Sanila Amber Sumera Fatima Javed Mirza Muhammad Asif Deebea Hassan Saadia Zahid</i> <i>Current Alzheimer Research</i> , Volume 17 (11), Pages 1033-1042 Impact Factor: 3.047 Quartile: 2 Citations: 10 DOI: 10.2174/1567205017666201224162730	2020
Expression of DnMTs and MBDs in AICl3-Induced Neurotoxicity Mouse Model <i>Muhammad Faisal Ikram Syeda Mehpara Farhat Aamra Mahboob Saeeda Baig Ahmed Yaqinuddin Touqeer Ahmed</i> <i>Biological Trace Element Research</i> , Pages 1-12 Impact Factor: 4.662 Quartile: 1 Citations: 14 DOI: 10.1007/s12011-020-02474-4	2020
Map kinase signaling as therapeutic target for neurodegeneration <i>Touqeer Ahmed Abida Zulfiqar Sandro Arguelles Mahsa Rasekhian Seyed Fazel Nabavi Ana Sanches Silva Seyed Mohammad Nabavi</i> <i>Pharmacological Research</i> , Volume 160, Article Number 105090 Impact Factor: 7.658 Quartile: 1 DOI: 10.1016/j.phrs.2020.105090.	2020
Acute effects of aerobic exercise on somatosensory evoked potentials in patients with mild cognitive impairment <i>Touqeer Ahmed Imran Amjad Imran Khan Niazi Hamza Ghazanfar Toor Rasmus Bach Nedergaard Muhammad Shafique Kelly Holt Heidi Haavik</i> <i>Brain Sciences</i> , Volume 10(10), Article Number 663 Impact Factor: 3.394 Quartile: 3 Citations: 2 DOI: https://doi.org/10.3390/brainsci10100663	2020
Blood-Based Biomarkers for Predictive Diagnosis of Cognitive Impairment in a Pakistani Population <i>Ghazala Iqbal Nady Braidy Touqeer Ahmed</i> <i>Frontiers in Aging Neuroscience</i> , Volume 12, Article Number 223 Impact Factor: 5.750 Quartile: 1 Citations: 17 DOI: https://doi.org/10.3389/fnagi.2020.00223	2020
Effects of curcuminoids on cognitive deficits in young audiovisually overstimulated mice <i>Ameema Tariq Sana Javed Syeda Mehpara Farhat Touqeer Ahmed</i> <i>Food Bioscience</i> , Volume 35, Article Number 100565 Impact Factor: 4.240 Quartile: 2 Citations: 2 DOI: https://doi.org/10.1016/j.fbio.2020.100565	2020
Muscarinic activity in hippocampus and entorhinal cortex is crucial for spatial and fear memory retrieval <i>Touqeer Ahmed Habiba Rashid</i> <i>Pharmacological Reports</i> , Volume 71, Issue 3, Pages 449-456 Impact Factor: 2.754 Quartile: 2 Citations: 12 DOI: 10.1016/j.pharep.2019.02.004	2019

- Therapeutic effects of aerobic exercise on EEG parameters and higher cognitive functions in mild cognitive impairment patients.** 2019
Hamza Toor Imran Khan Niazi Hina Afzal Mads Jochumsen Muhammad Shafique Kathryn Allen Heidi Haavik Touqeer Ahmed Imran Amjad International Journal of Neuroscience, Volume 129, Issue 6, Pages 551-562
Impact Factor: 2.107 | **Quartile:** 4 | **Citations:** 48
DOI: 10.1080/00207454.2018.1551894
- Xbox 360 Kinect Cognitive Games Improve Slowness, Complexity of EEG, and Cognitive Functions in Subjects with Mild Cognitive Impairment: A Randomized Control Trial.** 2019
Hamza Toor Imran Khan Niazi Sanna Pervaiz Mads Jochumsen Muhammad Shafique Heidi Haavik Touqeer Ahmed Imran Amjad Games for Health Journal, Volume 8, Issue 2, Pages 144-152
Impact Factor: 1.859 | **Quartile:** 1 | **Citations:** 83
DOI: 10.1089/g4h.2018.0029
- Novel therapeutic strategies for stroke: The role of autophagy.** 2019
Antoni Sureda Ana Sanches-Silva Kasi Pandima Devi Momina Shahid Eduardo Sobarzo-Sánchez Marco Dacrema Nady Braidy Rosa Anna Vacca Ioana BerindanNeagoe Diana Gulei Davide Barreca Maciej Banach Seyed Mohammad Nabavi Ahmad Reza Dehpour Samira Shirooie Touqeer Ahmad Seyed Fazel Nabavi Maria Daglia Critical Reviews in Clinical Laboratory Sciences, Volume 56, Issue 3, Pages 182-199
Impact Factor: 4.677 | **Quartile:** 1 | **Citations:** 50
DOI: 10.1080/10408363.2019.1575333
- Co-exposure of metals and high fat diet causes aging like neuropathological changes in non-aged mice brain.** 2019
Touqeer Ahmed Ghazala Iqbal Brain Research Bulletin, Volume 147, Pages 148-158
Impact Factor: 3.370 | **Quartile:** 2 | **Citations:** 29
DOI: 10.1016/j.brainresbull.2019.02.013
- Oral Exposure to Aluminum Leads to Reduced Nicotinic Acetylcholine Receptor Gene Expression, Severe Neurodegeneration and Impaired Hippocampus Dependent Learning in Mice** 2019
Aamra Mahboob Touqeer Ahmed Syeda Mehpara Farhat Drug and Chemical Toxicology, -
Impact Factor: 2.405 | **Quartile:** 3 | **Citations:** 17
DOI: 10.1080/01480545.2019.1587452
- Targeting STATs in neuroinflammation: the Road Less Traveled.** 2019
Touqeer Ahmed Maheen Nawaz Kasi Pandima Devi Devasahayam Jaya Balan Valeria Pittalà Sandro Argüelles-Castilla Lara Testai Haroon Khan Antoni Sureda Marcos Roberto de Oliveira Rosa Anna Vacca Suowen Xu Bahman Yousef Valeria Curti Maria Daglia Eduardo Sobarzo-Sánchez Rosanna Filosa Seyed Fazel Nabavi Maryam Majidinia Ahmad Reza Dehpour Samira Shirooie Seyed Mohammad Nabavi Pharmacological Research, Volume 141, Pages 73-84
Impact Factor: 5.893 | **Quartile:** 1 | **Citations:** 33
DOI: 10.1016/j.phrs.2018.12.004
- Regulation of autophagy by polyphenols: Paving the road for treatment of neurodegeneration.** 2018
Antoni Suredab Samira Shirooie Kasi Pandima Devi Nafeesa Ishaq Rabia Hashimi , Eduardo Sobarzo-Sánchez Nady Braidy Rosa Anna Vaccaro Ahmad Reza Dehpour Ana Sanches Silva Touqeer Ahmed Maria Daglia Mariateresa Volpicella Seyed Mohammad Nabavi Seyed Fazel Nabavi Biotechnology Advances, Volume: 36, Issue: 6, Pages: 1768-1778
Impact Factor: 12.831 | **Quartile:** 1 | **Citations:** 60
DOI: 10.1016/j.biotechadv.2017.12.001
- Gender Dependent Contribution of Muscarinic Receptors in Memory Retrieval under Sub-Chronic Stress** 2018
Touqeer Ahmed Habiba Rashid Neuroscience Letters, NULL
Impact Factor: 2.173 | **Quartile:** 3 | **Citations:** 5
DOI: 10.1016/j.neulet.2018.05.024
- Elevated heavy metals levels in cognitively impaired patients from Pakistan.** 2018
Ghazala Iqbal Wahid Zada Abdul Mannan Touqeer Ahmed Environmental Toxicology and Pharmacology, Volume 60, Pages 100-109
Impact Factor: 3.061 | **Quartile:** 2 | **Citations:** 27
DOI: 10.1016/j.etap.2018.04.011

- Aluminum Suppresses Effect of Nicotine on Gamma Oscillations (20-40 Hz) in Mouse Hippocampal Slices** 2018
Mahpara Farhat Touqeer Ahmed
CNS & Neurological Disorders-Drug Targets, Volume 17, Pages 404-411
Impact Factor: 2.761 | **Quartile:** 2
DOI: 10.2174/1871527317666180619155644.
- Neuroprotective effects of Foeniculum vulgare seeds extract on lead-induced neurotoxicity in mice brain.** 2018
Syed Adnan Ali Shah Touqeer Ahmed Saadia Zahid Sheharbano Bhatti
Drug and Chemical Toxicology, Volume 41(4), Pages 399-407
Impact Factor: 1.946 | **Quartile:** 3 | **Citations:** 27
DOI: 10.1080/01480545.2018.1459669
- Syzygium aromaticum ethanol extract reduces AIC13-induced neurotoxicity in mice brain through regulation of amyloid precursor protein and oxidative stress gene expression** 2018
Sanila Amber Syed Adnan Ali Shah Touqeer Ahmed Saadia Zahid
Asian Pacific Journal of Tropical Medicine, Volume:11, Issue:2, Page 123-130
Impact Factor: 1.772 | **Quartile:** 3 | **Citations:** 6
DOI: 10.4103/1995-7645.225019
- Protective effects of Nigella sativa L. seed extract on lead induced neurotoxicity during development and early life in mouse models** 2018
Syed Adnan Ali Shah Syed Adnan Ali Shah Touqeer Ahmed Saadia Zahid Umer Javed Butt
Toxicology Research, Volume: 7 Issue: 1 Pages: 32-40
Impact Factor: 1.593 | **Quartile:** 4 | **Citations:** 20
DOI: 10.1039/c7tx00201g
- Cortex- and Amygdala-Dependent Learning and Nicotinic Acetylcholine Receptor Gene Expression is Severely Impaired in Mice Orally Treated with AIC13** 2017
Syeda Mehpara Farhat Aamra Mahboob Touqeer Ahmed
Biological Trace Element Research, Volume: 179, Issue: 1, Pages: 91-101
Impact Factor: 2.361 | **Quartile:** 3 | **Citations:** 17
DOI: 10.1007/s12011-017-0942-1
- Role of cholinergic receptors in memory retrieval depends on gender and age of memory** 2017
Habiba Rashid Aamra Mahboob Touqeer Ahmed
Behavioural Brain Research, Volume: 331, Pages: 233-240
Impact Factor: 3.173 | **Quartile:** 2 | **Citations:** 19
DOI: 10.1016/j.bbr.2017.05.017
- Soaked Almonds Exhibit Vitamin E-dependent Memory Protective Effect in Rodent Models.** 2017
Touqeer Ahmed Anwarul-Hassan Gilani Anwarul-Hassan Gilani Jamshed Arslan
International Journal of Pharmacology, Volume 13, Issue 5, Pages 448-456
Impact Factor: 0.765 | **Quartile:** 4 | **Citations:** 9
DOI: 10.3923/ijp.2017.448.456
- Aluminum-Induced Cholinergic Deficits in Different Brain Parts and Its Implications on Sociability and Cognitive Functions in Mouse** 2017
Aamra Mahboob Ghazala Iqbal Touqeer Ahmed Syeda Mehpara Farhat
Biological Trace Element Research, Volume: 177, Issue: 1, Pages: 115-121
Impact Factor: 2.361 | **Quartile:** 3 | **Citations:** 28
DOI: 10.1007/s12011-016-0856-3
- Resveratrol and Alzheimer's Disease: Mechanistic Insights.** 2017
Touqeer Ahmed Sana Javed Ameema Tariq Dunja Šamec Silvia Tejada Seyed Fazel Nabavi Nady Braidy Seyed Mohammad Nabavi Sehrish Javed
Molecular Neurobiology, Volume 54, Issue 4, Pages 2622-2635
Impact Factor: 5.076 | **Quartile:** 1 | **Citations:** 158
DOI: 10.1007/s12035-016-9839-9
- Neuroprotective Effects of Citrus Fruit-Derived Flavonoids, Nobiletin and Tangeretin in Alzheimer's and Parkinson's disease.** 2017
Nady Braidy Solomon Habtemariam Maria Daglia Eduardo Sobarzo-Sanchez Sahar Behzad Seyed Muhammad Nabavi Seyed Fazel Nabavi Touqeer Ahmed
CNS & Neurological Disorders-Drug Targets, Volume 16, Issue 4, Pages 387-397
Impact Factor: 2.084 | **Quartile:** 3 | **Citations:** 142

DOI: 10.2174/1871527316666170328113309	
Pharmacological Effects of Turmeric on Learning, Memory and Expression of Muscarinic Receptor Genes (M1, M3 and M5) in Stress-induced Mouse Model <i>Aliya Khalid Rabia Shakeel Saira Justin Ghazala Iqbal Saadia Zahid Syed Adnan Ali Shah Tauqeer Ahmad</i> <i>Current Drug Targets</i> , Volume: 18 Issue: 13 Pages: 1545-1557 Impact Factor: 3.112 Quartile: 2 Citations: 4 DOI: https://doi.org/10.2174/1389450118666170315120627	2017
A feedback neural circuit for calibrating aversive memory strength <i>Edgar A Ycu Ashwani Kumar Li-Feng Yeh Touqeer Ahmed Jenny Koivumaa Joshua P Johansen Takaaki Ozawa</i> <i>Nature Neuroscience</i> , Volume: 20 Issue: 1 Pages: 90-97 Impact Factor: 19.912 Quartile: 1 Citations: 84 DOI: 10.1038/nn.4439	2017
Neuroprotective and Neurotoxic Implications of $\alpha 7$ Nicotinic Acetylcholine Receptor and Aβ Interaction: Therapeutic Options in Alzheimer's Disease <i>Touqeer Ahmed Syeda Mehpara Farhat</i> <i>Current Drug Targets</i> , Volume 18, Issue 13, Pages 1537-1544 Impact Factor: 3.112 Quartile: 2 Citations: 18 DOI: 10.2174/1389450117666161005145143	2017
Daidzein And Its Effects On Brain. <i>Touqeer Ahmed Ameema Tariq Barbara Budzyńska Grazia D'Onofrio Maria Daglia Seyed Fazel Nabavi Seyed Mohammad Nabavi Sana Javed</i> <i>Current Medicinal Chemistry</i> , Volume 24 , Issue 4, Pages 365-375 Impact Factor: 3.469 Quartile: 2 Citations: 39 DOI: 10.2174/0929867323666161101140214	2017
Anticonvulsant, Anxiolytic, and Sedative Activities of Verbena officinalis <i>Abdul Waheed Khan Arif-ullah Khan Touqeer Ahmed</i> <i>Frontiers in Pharmacology</i> , Volume 7, Article Number 499 Impact Factor: 4.4 Quartile: 1 Citations: 43 DOI: 10.3389/fphar.2016.00499	2016
Tanshinones and mental diseases: from chemistry to medicine <i>Sana Javed Ameema Tariq Touqeer Ahmed Barbara Budzynska Silvia Tejada Maria Daglia Seyed Fazel Nabavi Eduardo Sobarzo-Sánchez Seyed Mohammad Nabavi Sana Javed Ameema Tariq Barbara Budzynska Silvia Tejada Maria Daglia Seyed Fazel Nabavi Eduardo Sobarzo-Sánchez Seyed Mohammad Nabavi</i> <i>Reviews in the Neurosciences</i> , Volume 27, Issue 8, Pages 777-791 Impact Factor: 2.546 Quartile: 3 Citations: 16 DOI: 10.1515/revneuro-2016-0012	2016
Quercetin and the mitochondria: A mechanistic view. <i>Marcos Roberto de Oliveira Seyed Mohammad Nabavi Nady Braidy William N. Setzer Touqeer Ahmed Seyed Fazel Nabavi</i> <i>Biotechnology Advances</i> , Volume 34, Issue 5, Pages 532-549 Impact Factor: 10.597 Quartile: 1 Citations: 215 DOI: 10.1016/j.biotechadv.2015.12.014	2016
Memory-enhancing effect of aspirin is mediated through opioid system modulation in an AICl3-induced neurotoxicity mouse model <i>Ayesha Idrees Muhammad Ashraf Ayesha Idrees Muhammad Ashraf Touqeer Ahmed Saima Rizwan</i> <i>Experimental and Therapeutic Medicine</i> , Volume 11, Issue 5, Pages 1961-1970 Impact Factor: 1.261 Quartile: 4 Citations: 17 DOI: 10.3892/etm.2016.3147	2016
Memory Enhancing Effect of Black Pepper in the AICl3 Induced Neurotoxicity Mouse Model is Mediated Through Its Active Component Chavicine <i>Anila Iqbal Aamra Mahboob Syeda Mehpara Farhat Touqeer Ahmed Ghazala Iqbal</i> <i>Current Pharmaceutical Biotechnology</i> , Volume 17, Issue 11 Impact Factor: 2.459 Quartile: 2 Citations: 28 DOI: 10.2174/1389201017666160709202124	2016
Alpha-lipoic acid-mediated activation of muscarinic receptors improves hippocampus- and amygdala-dependent memory <i>Syeda Mehpara Farhat Ghazala Iqbal Mustafeez Mujtaba Babar Najam-us-Sahar Sadaf Zaidi Seyed Mohammad Nabavi Touqeer Ahmed Aamra Mahboob</i> <i>Brain Research Bulletin</i> , Volume 122, Pages 19-28	2016

Impact Factor: 3.033 Quartile: 2 Citations: 40 DOI: 10.1016/j.brainresbull.2016.02.014	
Ibuprofen targets neuronal pentraxins expression and improves cognitive function in mouse model of AICl3-induced neurotoxicity <i>Aamra Mahboob Touqeer Ahmed Anum Jamil</i> <i>Experimental and Therapeutic Medicine</i> , Volume 11, Issue 2, Pages 601-606 Impact Factor: 1.261 Quartile: 4 Citations: 14 DOI: 10.3892/etm.2015.2928	2016
Insights Into Effects of Ellagic Acid on the Nervous System: A Mini Review <i>Touqeer Ahmed William N. Setzer Seyed Fazel Nabavi Ilkay Erdogan Orhan Nady Braidy Eduardo Sobarzo-Sanchez Seyed Mohammad Nabavi</i> <i>Current Pharmaceutical Design</i> , Volume 22, Issue 10, Pages 1350-1360 Impact Factor: 2.611 Quartile: 2 Citations: 80 DOI: 10.2174/1381612822666160125114503	2016
Cyclooxygenase I and II inhibitors distinctly enhance hippocampal- and cortex-dependent cognitive functions in mice <i>Huma Syed Muhammad Faisal Ikram Ahmed Yaqinuddin Touqeer Ahmed</i> <i>Molecular Medicine Reports</i> , Volume 12(5), Pages 7649-7656 Impact Factor: 1.559 Quartile: 3 Citations: 15 DOI: doi:10.3892/mmr.2015.4351	2015
Polyphenolic Composition of Crataegus monogyna Jacq.: From Chemistry to Medical Applications. <i>Solomon Habtemariam Touqeer Ahmed Antoni Sureda Maria Daglia Eduardo Sobarzo-Sánchez Seyed Mohammad Nabavi Seyed Fazel Nabavi</i> <i>Nutrients</i> , Volume: 7 Issue: 9 Pages: 7708-7728 Impact Factor: 3.759 Quartile: 1 Citations: 87 DOI: 10.3390/nu7095361	2015
Pharmacological effects of Ibuprofen on learning and memory, Muscarinic receptors gene expression and APP isoforms level in Pre-frontal cortex of AICl3-induced toxicity mouse model. <i>Ahmed Yaqinuddin Touqeer Ahmed Aisha Nasir Hashmi</i> <i>International Journal of Neuroscience.</i> , Volume 125, Issue 4, Pages 277-287 Impact Factor: 1.521 Quartile: 4 Citations: 23 DOI: 10.3109/00207454.2014.922972	2014
Therapeutic potential of Turmeric in Alzheimer's disease. Curcumin or curcuminoids? <i>Touqeer Ahmed Anwarul-Hassan Gilani</i> <i>Phytotherapy Research</i> , Volume 28, Issue 4, Pages 517-525 Impact Factor: 2.660 Quartile: 2 Citations: 122 DOI: 10.1002/ptr.5030	2014
Curcuminoids Rescue Long-Term Potentiation Impaired by Amyloid Peptide in Rat Hippocampal Slices. <i>TOUQEEER AHMED ANWARUL-HASSAN GILANI NARGES HOSSEINMARDI SAEED SEMNANIAN SYED ATHER ENAM YAGHOUB FATHOLLAHI</i> <i>Synapse</i> , Volume 65, Issue 7, Pages 572-582 Impact Factor: 2.945 Quartile: 2 Citations: 41 DOI: 10.1002/syn.20876	2011
Curcuminoids enhance memory in an amyloid-infused rat model of Alzheimer's disease. <i>Touqeer Ahmed S. A. ENAM A. H. GILANI</i> <i>Neuroscience</i> , Volume 169, Issue 3, Pages 1296-1306 Impact Factor: 3.215 Quartile: 2 Citations: 150 DOI: 10.1016/j.neuroscience.2010.05.078	2010
Inhibitory effect of curcuminoids on acetylcholinesterase activity and attenuation of scopolamine-induced amnesia may explain medicinal use of turmeric in Alzheimer's disease. <i>Touqeer Ahmed Anwarul-Hassan Gilani</i> <i>Pharmacology Biochemistry and Behavior</i> , Volume 91, Issue 4, Pages 554-559 Impact Factor: 2.967 Quartile: 2 Citations: 274 DOI: 10.1016/j.pbb.2008.09.010	2009

Conference Proceedings

Identification of Hub genes in Ependymoma through Weighted Gene Co-expression Network Analysis2025

Iqra Arshad Zartasha Mustansar Touqeer Ahmed

IEEE 17th International Conference on Bioinformatics and Biomedical Technology (ICBBT 2025), res.country(48,)

Citations: N/A

DOI: Nil

Book Chapters

Neurotoxic effects of metals on blood brain barrier impairment and possible therapeutic approaches2024

Saba Mehak Zahoor Sara Ishaq Touqeer Ahmed

In: Blood-Brain Barrier (Vitamins and Hormones Book Series), Volume 126 , Pages 1-24

Citations: 2

DOI: 10.1016/bs.vh.2024.04.003

Co-Exposure of Aluminium with other Metals Causes Neurotoxicity and Neurodegeneration2021

Touqeer Ahmed Abida Zulfiqar Ghazala Iqbal

In: Book on Biochemical Mechanisms of Aluminium Induced Neurological Disorders, Chapter 2, Pages 33-65

Citations: 1

DOI: 10.2174/9781681088839121010004

Biochemical Mechanisms of Aluminium and Other Metals Exposure, Their Brain Entry Mechanisms, Effects on Blood Brain Barrier and Important Pharmacokinetic Parameters in Neurological Disorders2021

Sara Ishaq Amna Liaqat Armeen Hameed Touqeer Ahmed

In: Book on Biochemical Mechanisms of Aluminium Induced Neurological Disorders, Chapter 1, Pages 1-32

Citations: 4

DOI: 10.2174/9781681088839121010003

Anti-Oxidant Nutrients and Nutraceuticals in Aging2020

Abida Zulfiqar Sara Ishaq Touqeer Ahmed

In: Book on Nutrients and Nutraceuticals for Active & Healthy Ageing, Chapter 9, Pages 195-216

Citations: 1

DOI: 10.1007/978-981-15-3552-9_9

Age-Related Diseases2020

Touqeer Ahmed Abida Zulfiqar Sara Ishaq

In: Book on Nutrients and Nutraceuticals for Active & Healthy Ageing, Chapter 3, Pages 27-51

Citations: 3

DOI: 10.1007/978-981-15-3552-9_3

Pharmacological Effects of Curcuminoids in Neurological Disorders2019

Touqeer Ahmed Maheen Nawaz Waqar Iqbal Maheen Nawaz Waqar Iqbal

In: Book on Curcumin for Neurological and Psychiatric Disorders: Neurochemical and Pharmacological Properties, Chapter-7, Pages 129-154

Citations: 4

DOI: https://doi.org/10.1016/B978-0-12-815461-8.00007-4

Potential Use of Curcuminoids for the Treatment of Alzheimer's Disease2017

Touqeer Ahmed Sana Javed Ameema Tariq Anwarul?Hassan Gilani Sana Javed Ameema Tariq Anwarul?Hassan Gilani

In: Book on Neuroprotective Effects of Phytochemicals in Neurological Disorders, Chapter 24

Citations: N/A

DOI: DOI:10.1002/9781119155195.ch24

Editorial Activities

Frontiers in Molecular Neurosciences Editor in Chief of Journal Impact Factor: 6.26	2022
Toxicology Letters Reviewed Papers for Journals Impact Factor: 4.271	2022
Experimental and Therapeutic Medicine Edited Journal Issue / Proceeding / Book Impact Factor: 3.42	2022
Evidence-Based Complementary and Alternative Medicine Journal Edited Journal Issue / Proceeding / Book Impact Factor: 2.65	2021
 Edited Journal Issue / Proceeding / Book Impact Factor: NA	2021
Phytomedicine Reviewed Papers for Journals Impact Factor: 6.656	2021
Molecular Medicine Reports Reviewed Papers for Journals Impact Factor: 3.423	2021
Frontiers in Neuroscience Reviewed Papers for Journals Impact Factor: 5.152	2021
 Reviewed Papers for Journals Impact Factor: 1.5	2021
 Reviewed Papers for Journals Impact Factor: 3.5	2021
 Edited Journal Issue / Proceeding / Book Impact Factor: 4.05	2021
 Reviewed Papers for Journals Impact Factor: 5.8	2021
 Reviewed Papers for Journals Impact Factor: 3.9	2021
 Reviewed Papers for Journals Impact Factor: 00	2021
 Reviewed Papers for Journals Impact Factor: 3.73	2021
 Reviewed Papers for Journals Impact Factor: 3.5	2020
 Edited Journal Issue / Proceeding / Book Impact Factor: 4.05	2019