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Neurosciences (Total Articles: 23)

- [Journal Paper] **Shahid S**, Chaudhry MN, Mahmood N, Hussain K, Sheikh S, Ahmed N. Hematological Profiling and Assessment of Suspected Environmental Factors of Brain Tumor Patients: A Prospective Study of a Tertiary Care Hospital in Pakistan. **Journal of Neurological Sciences (Turkish)**. 2015 Mar 1;32(1). (Impact factor: 0.12)
- [Journal Paper] **Shahid S**, Chaudhry MN, Mahmood N, Sheikh S. Mutations of the human interferon alpha-2b gene in brain tumor patients exposed to different environmental conditions. **Cancer gene therapy (NATURE Publishing Grp.)**. 2015 May;22(5):246-61. (Impact factor: 2.553)
- [Journal Paper] **Shahid S**, Hussain K. Role of Glioblastoma Craniotomy Related to Patient Survival: A 10-Year Survey in a Tertiary Care Hospital in Pakistan. **Journal of neurological surgery. Part B, Skull base**. 2017 Apr;78(2):132. (Impact factor: 1.079).
- [Journal Paper] Abid M, Hussain K, Sarwar MA, **Shahid S**, Ahmed N, Sheikh S. Supratentorial Mass Lesion Biopsy Using Frameless Stereotactic System; Diagnostic Yield, Surgical Morbidity, and Comparison With Freehand Biopsy. **Journal of Neurological Sciences (Turkish)**. 2015 Jul 1;32(3) (Impact factor: 0.105)
- [Journal Paper] Ghayyur A, Hussain SS, Butt A. **Shahid S**, Asif HH, Nisar S. Risk Factors of mmagnesemia In Patients With Acute Ischemic Stroke (AIS): A Cross Sectional Study Of A Tertiary Care Hospital, Lahore Pakistan During 2015. **FUFAST Journal of Biology**. 2017 Jun 7;7(1):23-32. (HEC Approved Journal)
- [Journal Paper] Hussain SS, Raza A, **Shahid S**, Asif HH, Ahmad U, Ashraf N. Postoperative Reduction of Intraventricular Hemorrhage Volume: Single-Versus Dual-Catheter Drainage. **Journal of Neurological Surgery Part A: Central European Neurosurgery**. 2018 Jul;79(04):279-84. (Impact Factor: 0.726)
- [Journal Paper] Sarwar MA, Ali K, Hussain K, **Shahid S**, Abid M, Kazmi AR, Ahmad N, Abbas R, SHAHID S. Management and Outcome of Chronic Subdural Hematoma: A Prospective Study of Shaikh Zayed Hospital, Lahore. **Pakistan Journal of Neurological Surgery**. 2018 Mar 31;22(1):24-32. (HEC Approved Journal)
- [Journal Paper] Kibzai MS, Anwar K, Islam M, **Shahid S**. Intracranial Hydatid Cyst: A Case Report of Three Cases. **Pakistan Journal Of Neurological Surgery**. 2018 Nov 8;22(3):115-22. (HEC Approved Journal)
- [Journal Paper] Hussain SS, Kamboh UA, Raza MA, **Shahid S**, Ashraf N. Evaluation of Midline Shift and GCS as an Outcome in Severe Traumatic Brain Injury. **Pakistan Journal Of Neurological Surgery**. 2019 Jun 4;23(2):80-4. (HEC Approved Journal)
- [Journal Paper] Khalid S, **Shahid S**, Chaudhry MN, Hussain SS, Ghayyur A, Iftikhar S, Rasheed S. Impacts of intake of bakery food chemicals, degraded water and psychiatric drugs on liver & renal functions of brain tumor patients. **Pakistan journal of pharmaceutical sciences**. 2019 Jul 1;32(4 (Supplementary)):1767-72. (Impact factor: 0.596).
- [Journal Paper] Khalid S, **Shahid S**, Rasheed S, Iftikhar S, Hussain SS, Ghayyur A, Chaudhry MN. Depression and dementia from hyponatremia in brain cancer patients exposed to frozen food chemicals. **Pakistan journal of pharmaceutical sciences**. 2019 Nov 2;32. (Impact factor: 0.596).
- [Journal Paper] Hussain SS, Kamboh UA, Raza MA, Shahzad M, **Shahid S**, Ashraf N. Prevalence of Post Traumatic Amnesia after Mild Closed Traumatic Brain Injury by Galveston Orientation and Amnesia Test. **Pakistan Journal Of Neurological Surgery**. 2019 Sep 26;23(3):157-62. (HEC Approved Journal)
- [Journal Paper] Hussain SS, Kamboh UA, Raza MA, Kanwal M, **Shahid S**, Ashraf N. The Woes of Economic Burden of Traumatic Brain Injury (TBI) Cases Borne by Public Sector Hospital of Pakistan. **Pakistan Journal Of Neurological Surgery**. 2019 Sep 26;23(3):176-81. (HEC Approved Journal)
- [Journal Paper] Hussain SS, Kamboh UA, Raza A, Hafeez A, **Shahid S**, Ashraf N. Leukocytosis: Predictor of Radiological and Neurological Outcome of Patients of Traumatic Brain Injury Presented to Jinnah Hospital, Lahore. **Pakistan Journal Of Neurological Surgery**. 2019 Dec 29;23(4):300-6. (HEC Approved Journal)
- [Journal Paper] Hussain SS, Kamboh UA, Raza A, Amin A, **Shahid S**, Ashraf N. Postoperative Wound Pain and Hospital Stay in Patients of Open Lumbar Discectomy (OLD) Versus Endoscopic Lumbar Discectomy (ELD) in Lumbar Disc Herniation (LDH). **Pakistan Journal Of Neurological Surgery**. 2020 Apr 11;24(1):56-66. (HEC Approved Journal)
- [Journal Paper] Ashraf M, Hussain SS, Kamboh UA, Mehboob M, **Shahid S**, Ashraf N. Improvement in the quality of patient notes: A report of a closed loop audit quality improvement project at a neurosurgical department in Pakistan. **J Pak Med Assoc**. 2021 May;71(5):1515-1520. doi: 10.47391/JPMA.452. PMID: 34091651. (Impact Factor: 0.573)
- [Journal Paper] Iftikhar S, Ghias M, **Shahid S**, Ali MR, Hassan MU, Numan A. Clinical and biochemical indicators of disease severity and neurological findings in COVID-19: A study of King Edward Medical University (KEMU), **Pakistan. Pak. J. Pharm. Sci**. 2021 Jan;34(1):275-81. (Impact factor: 0.596).
- [Journal Paper]. MN Chaudary, **S Shahid**, Safe neurosurgical practices in Pakistan during second-wave of COVID-19. **Pakistan J Neurological Surgery**. Editorial. 2021;25(1): xi
- [Journal Paper]. Kamboh UA, Mehboob M, Ashraf, M, **S Shahid**, Sultan KA, Raza MA, Hussain SS, Ashraf N. Early experience with percutaneous transpedicular screw fixation for thoracolumbar fractures at a tertiary hospital in Pakistan. **Pakistan Journal Of Neurological Surgery**. 2021 Jun; 25(2):215-224.
- [Journal Paper]. S Shahid, Chaudary MA, Majeed A, Siddique RA. Mental disorders emerging from the climate change: A need to mitigate the eco-anxieties. **FUFAST J Biol**. 2021; June 11(1): 69-73.
- [Journal Paper]. MN Chaudary, **S Shahid**. COVID-19 Vaccination in Neurosurgeons. **Pakistan J Neurological Surgery**. Editorial. 2021;25(2): xii
- [Journal Paper]. Chaudary MA, **Shahid S**. Sub arachnoid hemorrhage and vasospasm. **Pakistan Journal Of Neurological Surgery**. Editorial 2021 Oct 4;25(3).
- [Journal Paper]. Chaudary MA, **Shahid S**. Management of Calcium, Vitamin D, and Uric-Acid Levels for Spinal Pain. Editorial **Pakistan Journal Of Neurological Surgery**. 2021;25(4).

Cancer Genetics, Epidemiological Studies & Environmental Science (Total Articles: 17)

- [Journal Paper] Sultan AQ, **Shahid S**, Afzal MY. A Comparative Study Of Intra-Articular Sodium Hyaluronate Acid (NA-HA) And Corticosteroids In The Pain Management Of Knee-Osteoarthritis. **FUFAST Journal of Biology**. 2016 Jun 3;6(1):17-23. (HEC Approved Journal)

25. [Journal Paper] Anjum HS, Afzal MY, Siddiqui UN, **S Shahid**, S Sheikh. Evaluation Of Model For End Stage Liver Disease (MELD) Score In Spontaneous Bacterial Peritonitis (SBP) In Patients With Liver Cirrhosis. **FUUAST Journal of Biology**. 2016 Jun 3;6(1):25-32. (HEC Approved Journal)
26. [Journal Paper] Afzal MY, Anjum HS, Siddiqui UN, **S Shahid**. Nonalcoholic fatty liver disease (NAFLD) frequency in Diabetes Mellitus (DM) type-II patients. **FUUAST Journal of Biology**. 2016 Jun 3;6(1):7-10. (HEC Approved Journal)
27. Ahmed F, Mahmood N, **Shahid S**, Hussain Z, Ahmed I, Jalal A, Ijaz B, Shahid A, Mujtaba G, Mustafa T. Mutations in human interferon $\alpha 2b$ gene and potential as risk factor associated with female breast cancer. **Cancer Biotherapy and Radiopharmaceuticals**. 2016 Aug 1;31(6):199-208. (Impact factor: 2.314)
28. [Journal Paper] Riaz S, Manzoor F, Mahmood N, **Shahid S**. Molecular detection of *M. tuberculosis* and *M. bovis* and hematological and biochemical analyses in agricultural sprayers exposed to pesticides: A cross-sectional study in Punjab, Pakistan during 2014–2016. **Journal of exposure science & environmental epidemiology**, Nature Publishing Group-NPG. 2017 Jul;27(4):434-43. (Impact Factor: 3.141)
29. [Journal Paper] Munir S, Mahmood N, **Shahid S**, Khan MI. Molecular detection of isoniazid, rifampin and ethambutol resistance to *M. tuberculosis* and *M. bovis* in multidrug resistant tuberculosis (MDR-TB) patients in Pakistan. **Microbial pathogenesis**. 2017 Sep 1;110:262-74. (Impact Factor 2.009).
30. [Journal Paper] **Shahid S**, Ali S, Nawaz H, Khalid S. Impact Of Degraded Water On Immune Response: Survey Of Lahore, Punjab, Pakistan In 2017. **FUUAST Journal of Biology**. 2018 Jun 3;8(1):73-94. (HEC Approved Journal)
31. [Journal Paper] Mahmood N, Abbas SN, Faraz N, **Shahid S**. Mutational analysis of *gyrB* at amino acids: G481A & D505A in multidrug resistant (MDR) tuberculosis patients. **Journal of infection and public health**. 2019 Jul 1;12(4):496-501. (Impact Factor: 2.118)
32. [Journal Paper] Saleem M, Qadir MA, Mahmood N, Shahzadi SK, **Shahid S**. Synthesis and evaluation of solid lipid nanoparticles loaded with bovine serum albumin prepared by different methods. **Pakistan journal of pharmaceutical sciences**. 2019 Jan 3;32. (Impact factor: 0.804)
33. [Journal Paper] Abbas SN, Abbas W, Nasir SB, **Shahid S**, Mahmood N. Antibacterial And Antifungal Activities Of Oleaeuropaea And Cuminum Cyminum Extract. **FUUAST Journal of Biology**. 2019 Jun 3;9(1):71-80. (HEC Approved Journal).
34. [Journal Paper] Abbas SN, Jamshed K, Nasir SB, **Shahid S**, Mahmood N Antimicrobial activities of Methanolic and Aqueous extracts of *Nigella Sativa* and *Ficus Carica*. **Biologia**. 2019 Jun; 65(1): 101-112. (HEC recognized Y, listed in the clarivate analytics master list).
35. [Journal Paper] Ghufran H, Riaz S, Mahmood N, Yaqoob M, **Shahid S**, Bhinder MA, Anwar S, Faizan M. Polymorphism of interleukin-10 (IL-10, – 1082 G/A) and interleukin-28B (IL-28B, C/T) in pediatric acute lymphoblastic leukemia (ALL). **Pak. J. Pharm. Sci**. 2019 Sep 1;32(5):2357-61. (Impact factor: 0.596).
36. [Journal Paper] Mahmood N, Abbas SN, Nazeer Q, Manzoor I, **Shahid S**, Majeed A. Molecular detection of *hupB* gene of *Mycobacterium tuberculosis* in young patients with acute lymphoblastic leukemia (ALL) on chemotherapy. **Pak. J. Pharm. Sci**. 2020; 33(5)Sp.: 2471-2475. (Impact factor: 0.596).
37. [Journal Paper]. Iftikhar S, **Shahid S**, Hassan MU. Platelets, D-dimer and Lactate Dehydrogenase (LDH) as Cost-Effective Markers for COVID-19-Associated Coagulopathy (CAC). **Biologia** (Biological Society of Pakistan listed in MJL). 2020 Dec; 66(2): 197-201.
38. [Journal Paper] Ghayyur A, Hussain SS, Salam E, Saeed S, **Shahid S**, Salaam TU. Less disease severity of COVID-19 among smokers: An indication of investigating nicotine as preventive measure. **Pak. J. Pharm. Sci**. 2021 Jan;34(1Supp):321-325. (Impact factor: 0.596).
39. [Journal Paper] Mahmood N, Younas H, Zafar M, **Shahid S**, Ajmal S, Qursehi ZU, Nasir SB. Effects of plants extracts on the expression of major genes of JAK/STAT pathway. **Nucleosides, Nucleotides & Nucleic Acids**. 2021 Feb 28:1-37. (Impact factor: 1.556).
40. [Journal Paper] **Shahid S**, Ghayyur A, Majeed A, Nisar S, Chaudar MA. Post-vaccination (COVID-19) impacts in healthcare personnel. **Pakistan Journal of Pharmaceutical Science (PJPS)**. 2021. Sept 20: Vol.34, No.05(Suppl): 1957-1962. (Impact factor: 0.684)
41. [Journal Paper] Mahmood N, Bhatti S, Abbas SN, **Shahid S**. The *pncA* gene mutations of *Mycobacterium tuberculosis* in multidrug-resistant tuberculosis. **Biotechnology and Applied Biochemistry**. 2021. (Impact factor: 2.431)

Computing & Artificial Intelligence (AI) (Total Articles: 8)

42. [Conference Paper] Awais MM, Shamail S, Ahmed N, **Shahid S**. A new intelligent approach towards solving state space models for fusion process. International Multi Topic Conference, 2002. **INMIC 2002**. 2002 Dec 27 (pp. 13-18). IEEE.
43. [Conference Paper] Awais M, Shamail S, Ahmed N, **Shahid S**. A comparative study of feed forward neural networks and radial basis neural networks for modeling Tokamak fusion process. In 7th International Multi Topic Conference, 2003. **INMIC 2003**. 2003 Dec 8 (pp. 334-339). IEEE.
44. [Conference paper] Bakhshi T, **Shahid S**. Securing internet of bio-Nano things: ML-enabled parameter profiling of bio-cyber interfaces. In 2019 22nd International Multitopic Conference (**INMIC**) 2019 Nov 29 (pp. 1-8). IEEE.
45. [Journal Paper] Mahmood N, **Shahid S**, Bakhshi T, Riaz S, Ghufran H, Yaqoob M. Identification of significant risks in pediatric acute lymphoblastic leukemia (ALL) through machine learning (ML) approach. **Medical & Biological Engineering & Computing**. 2020 Nov;58(11):2631-40 (Impact Factor 2.022).
46. [Journal Paper] Iftikhar S, **Shahid S**, Hassan MU, Ghias M. Assessment and prediction of restless leg syndrome (RLS) in patients with diabetes mellitus type II through artificial intelligence (AI). **Pakistan Journal of Pharmaceutical Sciences**. 2020 Sep 1;33(5):2399-404. (Impact Factor: 0.562).
47. [Journal Paper] **Shahid S**, Masood K, Khan AW. Prediction of Impacts on Liver Enzymes from the Exposure of Low-Dose Medical Radiations through Artificial Intelligence (AI) Algorithms. **Revista da Associação Médica Brasileira**. 2021 Feb, 67(2); 248-259. (Impact factor: 1.209) [DOI: <https://doi.org/10.1590/1806-9282.67.02.20200653>].
48. [Journal Paper] Atique A, Karim S, **S Shahid**, Alamgir Z. Identification of plant species through leaf vein morphometric and deep learning. 2021. **Pakistan Journal of Botany**. (Impact factor: 0.972)
49. [Journal Paper] **S Shahid**, S Iftikhar. Machine learning models to predict neuropsychiatric disorders in various brain tumors. 17 Feb 2022. **Current Medical Research and Opinion, Taylor & Francis**. DOI: [10.1080/03007995.2022.2043654](https://doi.org/10.1080/03007995.2022.2043654). (Impact factor: 2.580)