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EDITORIAL REVIEW

Journal of Clinical Medicine (Quartile 1; Impact Factor 3)

Journal of Personalized Medicine (Quartile 1; Impact Factor 3)

European Journal of Applied Physiology (Quartile 1; Impact Factor 2.8)

Medicina (Quartile 1; Impact Factor 2.4)

Frontiers in Physiology (Quartile 2; Impact Factor 3.2)

Journal of Food and Drug Analysis (Quartile 2; Impact Factor 2.6)

Applied Sciences (Quartile 2; Impact Factor 2.5)

Journal of Oral & Facial Pain and Headache (Quartile 2; Impact Factor 1.9)

Clinics and Practice (Quartile 2; Impact Factor 1.7)

Frontiers in Neurology (Quartile 3; Impact Factor 2.7)

Brain Sciences (Quartile 3; Impact Factor 2.7)

International Journal of Environmental Research and Public Health (Quartile 1; CiteScore 7.3)

RESEARCH PAPERS

(Total Impact Factor 42.078 + 11.787 = 53.865; Citations = 62; h-index = 5)

1. Diogo Machado de Oliveira, **Anas Rashid**, Patrice Brassard, Bruno Moreira Silva, **Exercise-Induced Potentiation of the Acute Hypoxic Ventilatory Response: Neural Mechanisms and Implications for Cerebral Blood Flow**, *Experimental Physiology* 2024, pp. 1-12. DOI: 10.1113/EP091330. Online ISSN:1469-445X; Print ISSN:0958-0670 (**Quartile 2; Impact Factor 2.6**).
2. Diogo Machado de Oliveira, Thiago Ribeiro Lopes, Felipe Silva Gomes, **Anas Rashid**, Bruno Moreira Silva, **Ventilatory Response to Peripheral Chemoreflex and Muscle Metaboreflex During Static Handgrip in Healthy Humans: Evidence of Hyperadditive Integration**, *Experimental Physiology* 2023, Vol. 108, Issue 4, pp. 1-8. DOI: 10.1113/EP091094. Online ISSN:1469-445X; Print ISSN:0958-0670 (**Quartile 2; Impact Factor 2.6**).
3. **Anas Rashid**, Syed Atif Iqar, Aiman Rashid, Marian Simka, **Results of Numerical Simulations of Blood Flow in the Models of Popliteal Vein with Elastic Valves and with the Leaflets of an Increased Stiffness**, *Hungarian Journal of Vascular Diseases* 2023, Vol. XXX, Issue 4, pp. 97-100. Online ISSN: 1218-3636.
4. **Anas Rashid**, Silvestro Roatta, **Hemodynamic Changes in the Temporalis and Masseter Muscles During Acute Stress in Healthy Humans**, *European Journal of Applied Physiology* 2023, pp. 1-10. DOI: 10.1007/s00421-023-05349-3. Online ISSN: 1439-6327; Print ISSN: 1439-6319 (**Quartile 1; Impact Factor 2.8**).
5. **Anas Rashid**, Silvestro Roatta, **Hemodynamic Monitoring in the Human Temporalis Muscle Using Near-Infrared Spectroscopy**, *Physiological Measurement* 2023, Vol. 44, No. 6, pp. 1-10. DOI: 10.1088/1361-6579/acd6d5. Online ISSN: 1361-6579; Print ISSN: 0967-3334 (**Quartile 2; Impact Factor 2.688**).
6. **Anas Rashid**, Silvestro Roatta, **Differential Control of Blood Flow in Masseter and Biceps Brachii Muscles During Stress**, *Archives of Oral Biology* 2022, Vol. 141, No. 105490, pp. 1-10. DOI: 10.1016/j.archoralbio.2022.105490. Online ISSN: 1879-1506; Print ISSN: 0003-9969 (**Quartile 1; Impact Factor 3.0**).
7. **Anas Rashid**, Syed Atif Iqar, Aiman Rashid, Marian Simka, **Results of Numerical Modeling of Blood Flow in the Internal Jugular Vein Exhibiting Different Types of Strictures**, *Diagnostics* 2022,

Vol. 12, Issue 11, No. 2862, pp. 1-14. DOI: 10.3390/diagnostics12112862. ISSN: 2075-4418 (**Quartile 1; Impact Factor 3.992**).

8. **Anas Rashid**, Enrica Laura Santarcangelo, Silvestro Roatta, **Does Hypnotizability Affect Neurovascular Coupling During Cognitive Tasks?**, *Physiology and Behavior* 2022, Vol. 257, Issue 1, No. 113915, pp. 1-5. DOI: 10.1016/j.physbeh.2022.113915. Online ISSN: 1873-507X; Print ISSN: 0031-9384 (**Quartile 1; Impact Factor 3.742**).
9. **Anas Rashid**, Enrica Laura Santarcangelo, Silvestro Roatta, **Cerebrovascular Reactivity During Visual Stimulation: Does Hypnotizability Matter?**, *Brain Research* 2022, Vol. 1794, No. 148059, pp. 1-4. DOI: 10.1016/j.brainres.2022.148059. Online ISSN: 1872-6240; Print ISSN: 0006-8993 (**Quartile 3; Impact Factor 3.61**).
10. **Anas Rashid**, Enrica Laura Santarcangelo, Silvestro Roatta, **Cerebral Blood Flow in Healthy Subjects with Different Hypnotizability Score**, *Brain Sciences* 2022, Vol. 12, Issue 5, No. 558, pp. 1-13. DOI: 10.3390/brainsci12050558. ISSN: 2076-3425 (**Quartile 3; Impact Factor 3.333**).
11. Marco Rolando Aronés Jara, Edgar Cárdenas Landeo, Kirianova Godoy Bautista, Eylen Almendra Ortiz Pérez, Juan Clímaco Paniagua Segovia, Hugo Roberto Luna Molero, Stephanny Barbarán Vilcatoma, Mónica Gómez, Quispe, Edith Eveling Conisla Cáceres, Jesús Javier Paniagua Segovia, **Anas Rashid**, María Segunda Aurora Prado, **UHPLC-MS/MS Chemical Profiling, Preliminary Toxicity, In Vitro Antioxidant Potential and Antimicrobial Activity of *Brachyotum naudinii* Triana Flowers**, *Journal of Taibah University for Science* 2024, Vol. 18, Issue 1, No. 2398230, pp. 1-16. DOI: 10.1080/16583655.2024.2398230. Online ISSN: 1658-3655 (**Quartile 2; Impact Factor 2.8**).
12. Claudia Vilela de Oliveira, Adriano Peron, **Anas Rashid**, Frank Alonso Gavilano Fajardo, Felipe Rebello Lourenço, Marina Franco Maggi Tavares, María Segunda Aurora Prado, **Validation, Measurement Uncertainty Estimation and Evaluation of UHPLC Greenness for Simultaneous Determination of Metoprolol Tartrate and Hydrochlorothiazide in Binary Tablet**, *Journal of Taibah University for Science* 2024, Vol. 18, Issue 1, No. 2339010, pp. 1-13. DOI: 10.1080/16583655.2024.2339010. Online ISSN: 1658-3655 (**Quartile 2; Impact Factor 2.8**).
13. Antonio Marcos Callejo de Souza, Frank Alonso Gavilano Fajardo, **Anas Rashid**, Marina Franco Maggi Tavares, María Segunda Aurora Prado, **Capillary Electrophoresis Method for Simultaneous Quantification of Hypcholesterolemic Drugs in Binary Mixture Formulation: Fast, Green, and Cost-Effective Alternative to HPLC**, *Chromatographia* 2023, Vol. 86, Issue 4, pp. 1-15. DOI: 10.1007/s10337-023-04243-6. Online ISSN: 1612-1112; Print ISSN: 0009-5893 (**Quartile 3; Impact Factor 2.213**).
14. Frank Alonso Gavilano Fajardo, Marina Franco Maggi Tavares, **Anas Rashid**, María Segunda Aurora Prado, **Novel Eco-Friendly Stability Indicating Capillary Zone Electrophoresis Method for Determination of Aripiprazole in Tablet Dosage Form: DoE Directed Optimization, Development and Method Validation**, *Journal of Pharmaceutical Sciences* 2022, Vol. 111, Issue 12, pp. 3340-3351. DOI: 10.1016/j.xphs.2022.08.025. Online ISSN: 1520-6017; Print ISSN: 0022-3549 (**Quartile 2; Impact Factor 3.8**).
15. Rosy Yesela Mancilla Santa Cruz, Sharon Velásquez Arévalo, **Anas Rashid**, Marco Rolando Aronés Jara, María Segunda Aurora Prado, **Antioxidant and Photoprotective Potential of *Polypodium leucotomos***, *Exploration of Medicine* 2022, Vol. 3, pp. 607-616. DOI: 10.37349/emed.2022.00117. Online ISSN: 2692-3106 (**Quartile 2; CiteScore 2.1**).
16. **Anas Rashid**, Muhammad Farqaleet, Muhammad Shamim Qureshi, **Efficacy and Safety Comparison Between Pregabalin and Thiocolchicoside in Acute Back Pain**, *Research and Reports of Medicine* 2020, Vol. 3, Issue 1, pp. 1-9. DOI: 10.31829/2637-367X/rrm2020-3(1)-107. ISSN: 2637-367X.
17. **Anas Rashid**, **Study on Pressure Overload Induced Cardiac Hypertrophy Model by Applying Transverse Aortic Constriction and O-Ring Ascending Aortic Banding Technique: A Comparative Analysis**, *Annals of Surgery and Perioperative Care* 2020, Vol. 5, Issue 1, No. 1043, pp. 1-3. ISSN: 2573-5314.
18. Yaya Emerencia Ngah, Estella Tembe Fokunang, Emilia Lyonga, Francis Ikomey, Berinyuy Eustace, Martha Mesembe, Doh Gilbert Ndeh, Marie Clair Okomo, Charles Fokunang, **Anas Rashid**, George Mondinde Ikomey, **Curbing the Spread of COVID-19 Pandemic Caused by SARS-CoV-2:**

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21. **Anas Rashid**, Aiman Rashid, Hamza Rashid, Usamah Rashid Qureshi, **Curbing Methicillin Resistant *Staphylococcus aureus*: Challenges and Options in Drug Therapy**, *American Journal of Medicine and Medical Sciences* 2015, Vol. 5, No. 1, pp. 53-57. DOI: 10.5923/j.ajmms.20150501.10. p-ISSN: 2165-901X; e-ISSN: 2165-9036.
22. **Anas Rashid**, Usamah Rashid Qureshi, Aiman Rashid, Hamza Rashid, **Combating MRSA in Pakistan: An Integrated Drug Therapy Approach**, *American Journal of Life Sciences* 2015, Vol. 3, No. 2, pp. 71-75. DOI: 10.11648/j.ajls.20150302.13. ISSN: 2328-5737.
23. **Anas Rashid**, Aiman Rashid, Hamza Rashid, Usamah Rashid Qureshi, **Curbing Methicillin-Resistant *Staphylococcus aureus*: Challenges and Options in Drug Therapy**, *Archives of Clinical Microbiology* 2015, Vol. 6, No. 1:3, pp. 1-5. ISSN 1989-8436.
24. **Anas Rashid**, Hamza Rashid, Aiman Rashid, Usamah Rashid Qureshi, **Conquering Methicillin-Resistant *Staphylococcus aureus*: Perspectives and Treatment Options**, *International Archives of Medicine* 2015, Vol. 8, No. 67, pp. 1-7. DOI: 10.3823/1666. ISSN: 1755-7682.
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CONFERENCE / CONGRESS / SYMPOSIUM / WORKSHOP / MEETING / FORUM PAPERS

(Impact Factor 11.787)

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1. **Anas Rashid**, **Symptomatic Orthostatic Hypotension in Patients with Precapillary Pulmonary Hypertension: A Mechanistic Investigation**, *Physiology and Pulmonology Meeting*, São Paulo, **Brazil** (2024).
2. Maria Clara Rodrigues de Góes da Trindade, Ivone Lima Bonifacio, **Anas Rashid**, Rudolf Krawczenko Feitoza de Oliveira, Eloara Vieira Machado Ferreira Alvares da Silva Campos, Jaquelina Sonoe Ota Arakaki, Bruno Moreira Silva, **Prevalence and Mechanisms of Postural Hypotension in Patients with Precapillary Pulmonary Hypertension**, *7th International Conference on "Patient Safety"*, Islamabad, **Pakistan** (2024).
3. **Anas Rashid**, Syed Atif Iqrar, Aiman Rashid, Marian Simka, **Statistical Insights into Blood Flow Patterns in the Internal Jugular Vein under Varied Stenosis and Venous Valve Conditions**, *1st International Conference on "Recent Trends in Statistics and Data Analytics with Applications in Natural Sciences"*, Islamabad, **Pakistan** (2024).
4. **Anas Rashid**, **Emerging Trends in Vascular and Nuclear Medicine**, *Nuclear Physics, Medicine and Engineering Workshop*, Murree, **Pakistan** (2023).
5. **Anas Rashid**, Syed Atif Iqrar, Aiman Rashid, Marian Simka, **Results of Numerical Simulations of Blood Flow in the Models of Popliteal Vein with Elastic Valves and with the Leaflets of an Increased Stiffness**, *23rd European Venous Forum*, Berlin, **Germany** (2023).
6. **Anas Rashid**, **Numerical Modeling of Blood Flow in Internal Jugular Vein**, *Doctoral Programme of Experimental Medicine and Therapy of University of Torino Annual Welcome Day*, Torino, **Italy** (2022).
7. **Anas Rashid**, Silvestro Roatta, **Hemodynamic Monitoring of Human Temporal Muscle Using Near-Infrared Spectroscopy**, *Swiss Physiology Meeting*, Bern, **Switzerland** (2022).

8. **Anas Rashid**, Enrica Laura Santarcangelo, Silvestro Roatta, **Does Hypnotizability Affect Neurovascular Coupling During Cognitive Tasks?**, *XXX National Congress of Italian Society of Psychophysiology and Cognitive Neuroscience on "Developing Brain"*, Udine, **Italy** (2022).
9. **Anas Rashid**, Syed Atif Iqrar, Aiman Rashid, Marian Simka, **Stenosis at the Beginning of the Internal Jugular Vein Compromises Outflow through this Blood Vessel and Can Alter the Geometry of the Jugular Valve Located Downstream: Results of Numerical Modeling of Blood Flow**, *XV Congress of Polish Society of Angiology*, Wrocław, **Poland** (2022).
10. Marian Simka, Syed Atif Iqrar, **Anas Rashid**, Aiman Rashid, Marta Nowak, **Abnormal Jugular Valves are not the Sole Explanation of an Impaired Outflow from the Cranial Cavity through the Internal Jugular Veins: Results of *In Silico* Studies**, *10th International Society for Neurovascular Disease Annual Meeting on "Vascular Contributions to Healthy Aging and Dementia"*, New York, **United States of America** (*Veins and Lymphatics* 2022) Vol. 11 (No. 1). DOI: 10.4081/vl.2022.10957. Online ISSN: 2279-7483.
11. Claudia Vilela de Oliveira, **Anas Rashid**, Marina Franco Maggi Tavares, María Segunda Aurora Prado, **Simultaneous Determination of Anti-Hypertensive Drugs Using Analytical Method**, *6th Italian Society of Cardiovascular Research Forum on "New Roads in Cardiovascular Research"*, Bari, **Italy** (2022).
12. **Anas Rashid**, **Summarizing Doctoral Research and Italian Cultural Experience**, *3rd National Meeting of Partnership for Knowledge*, Aosta Valley, **Italy** (2022).
13. **Anas Rashid**, **Advances in Cardio-Oncology**, *22nd Workshop of the International School of Cardiology*, Erice, **Italy** (2022).
14. Diogo Machado de Oliveira, Thiago Ribeiro Lopes, Felipe Silva Gomes, **Anas Rashid**, Bruno Moreira Silva, **Hyperadditive Ventilatory Responses to Simultaneous Peripheral Chemoreflex and Muscle Metaboreflex Activation in Humans**, *VII Academic Congress of Federal University of São Paulo on "Biological Sciences: Sport and Exercise Physiology"*, São Paulo, **Brazil** (2022).
15. **Anas Rashid**, **Control of Skeletal Muscle Blood Flow**, *Physiology and Pulmonology Meeting*, São Paulo, **Brazil** (2021).
16. **Anas Rashid**, Silvestro Roatta, **Dilatory Response of Masseter Muscle to Stress**, *Doctoral Student Association of University of Pécs "Medical Conference for PhD Students and Experts of Clinical Sciences"*, Pécs, **Hungary** (2021).
17. **Anas Rashid**, Silvestro Roatta, **Differential Control of Blood Flow in Facial and Limb Muscles During Stress**, *Annual Meeting of the American Physiological Society at "Experimental Biology"*, Rockville, Maryland, **United States of America** (*The FASEB Journal* 2021) Vol. 35 (Issue S1). DOI: 10.1096/fasebj.2021.35.S1.02925. Online ISSN: 1530-6860; Print ISSN: 0892-6638 (**Quartile 1; Impact Factor 5.834**).
18. **Anas Rashid**, **A Study on Pressure Overload Induced Cardiac Hypertrophy Model in Mice by Applying Transverse Aortic Constriction and O-Ring Ascending Aortic Banding Technique: A Comparative Analysis**, *International Society on Thrombosis and Hemostasis Virtual Congress on "Science of Today is Innovation of Tomorrow"*, Milan, **Italy** (*Research and Practice in Thrombosis and Hemostasis* 2020) Vol. 4 (Issue S1). DOI: 10.1002/rth2.12393. Online ISSN: 2475-0379 (**Quartile 1; Impact Factor 5.953**).
19. **Anas Rashid**, Muhammad Shafiq, **Computational and Mathematical Modelling to Predict the Outcome of Vaccines**, *14th Vaccine Congress on "Combating Threat of COVID-19"*, **Online Edition** (2020).
20. **Anas Rashid**, Kyun Hoo Kim, Gou Young Koh, **Development of Dilated and Hypertrophic Cardiomyopathy Mice Model Using Surgical Technique**, *8th Saudi Heart Failure Group Symposium on "Together We Overcome Failure"*, Riyadh, **Kingdom of Saudi Arabia** (2019).
21. Gehan Fatima, **Anas Rashid**, Hyunsoo Cho, Gou Young Koh, **Role of YAP/TAZ and NF-κB Signaling in the Development and Pathologic Lymphangiogenesis**, *Korean Society for Biochemistry and Molecular Biology International Conference on "Integrative Science of Life and New Direction"*, Jeju, **Republic of Korea** (2019).
22. **Anas Rashid**, Muhammad Shamim Qureshi, **Analyzing Leukocyte-Adjusted Epigenome-Wide Association: An Empirical Study on Blood-Derived DNA from Selected Solid Tumor Patients**, *European Molecular Biology Organization Workshop on "From Epigenome towards Epitranscriptome in Cell Fate Choice"*, Capri, **Italy** (2018).
23. **Anas Rashid**, **Biological Evaluation and Characterization of Novel Chalcones as Antibacterial Agents**, *6th International Symposium-Cum-Training Course on "Molecular Medicine and Drug Research"*, Karachi, **Pakistan** (2017).

24. **Anas Rashid, Model Systems in Drug Discovery**, *International Centre for Genetic Engineering and Biotechnology Course on "Cell and Animal Models for Drug Discovery"*, Montevideo, **Uruguay** (2017).
 25. **Anas Rashid, Spermatozoa Protein Alterations in Infertile Men with Varicocele**, *5th International Conference on "Reproductive Health and Assisted Reproductive Technology" and 2nd International Conference on "Gynecological Endoscopy"*, Lahore, **Pakistan** (2017).
 26. **Anas Rashid, Mathematical Modelling to Predict the Long-Term Outcome of Human Papillomavirus Vaccines**, *3rd International Centre for Genetic Engineering and Biotechnology Workshop on "Human Papillomavirus and Associated Malignancies: Biology, Prevention and Therapy"*, São Paulo, **Brazil** (2017).
 27. **Anas Rashid, Rubina Kamran, Clinico-Pathological Approach to Oral Sub Mucous Fibrosis**, *3rd International Nurses Conference on "Ensuring Patient Safety"*, Rawalpindi, **Pakistan** (2016).
 28. **Anas Rashid, Muhammad Shafiq, Impact of Climate Change on Waterborne Diseases**, *3rd International Water Conference on "Water Security and Sustainable Growth"*, Islamabad, **Pakistan** (2016).
 29. **Anas Rashid, Muhammad Kamran Naqi Khan, Community Perception of Air Pollution and Related Health Risks**, *7th Annual Public Health Conference on "Experiences in the Field of Public Health and Way Forward"*, Islamabad, **Pakistan** (2016).
 30. **Anas Rashid, Muhammad Shafiq, Aiman Rashid, Hamza Rashid, Usamah Rashid Qureshi, Propagation Dynamics of Hospital Acquired – Methicillin Resistance *Staphylococcus aureus*: A Mathematical Modeling Approach**, *1st International BioMedical Conference on "Microbiology and Infectious Diseases"*, Berlin, **Germany** (2015).
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 33. **Anas Rashid, Impact of Vascular Diseases on Human Health**, *1st Annual Shifa Research Conference on "Enhancing Lives through Discovery"*, Islamabad, **Pakistan** (2015).
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 35. **Anas Rashid, Hamza Rashid, Usamah Rashid Qureshi, Aiman Rashid, Modeling Prolactin Secretion: The Interplay of Dopamine and Thyrotropin Releasing Hormone**, *4th International Molecular Biology and Biotechnology Congress on "Advances in Life Sciences Research"*, Islamabad, **Pakistan** (2015).
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