

# Syed Ghulam Musharraf

## List of Publications by Year in descending order

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Version: 2024-02-01

178  
papers

2,816  
citations

186265

28  
h-index

302126

39  
g-index

181  
all docs

181  
docs citations

181  
times ranked

3868  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Characterization of a newly isolated cyanobacterium <i>Trichocoleus desertorum</i> BERC08 as a potential feedstock for the algal biorefinery. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 5283-5294.  | 4.6 | 9         |
| 2  | Untargeted metabolomics of the alkaliphilic cyanobacterium <i>Plectonema terebrans</i> elucidated novel stress-responsive metabolic modulations. <i>Journal of Proteomics</i> , 2022, 252, 104447.  | 2.4 | 5         |
| 3  | Structure-fragmentation study of pentacyclic triterpenoids using electrospray ionization quadrupole time-of-flight tandem mass spectrometry (ESI-QTOFMS/MS). <i>Rapid Communications in Mass Spectrometry</i> , 2022, 36, e9243.  | 1.5 | 6         |
| 4  | Pooling strategy to construct in-house high-resolution electrospray ionization tandem mass spectrometry database of drugs. <i>Journal of Industrial and Engineering Chemistry</i> , 2022, 107, 466-471.   | 5.8 | 1         |
| 5  | In Vitro and In Vivo Studies for the Investigation of $\beta$ -Globin Gene Induction by <i>Adhatoda vasica</i> : A Pre-Clinical Study of HbF Inducers for $\beta$ -Thalassemia. <i>Frontiers in Pharmacology</i> , 2022, 13, 797853.  | 3.5 | 2         |
| 6  | Determination of Mercury in Artificial Saliva Extract of Chewing Tobacco by Dispersive Liquid-Liquid Micro-Extraction Using Electrothermal Atomic Absorption Spectrometry (ETAAS). <i>Analytical Letters</i> , 2022, 55, 2185-2198.   | 1.8 | 1         |
| 7  | Selective extraction of heavy metals (Fe, Co, Ni) from their aqueous mixtures by Task-Specific salicylate functionalized imidazolium based ionic liquid. <i>Journal of Cleaner Production</i> , 2022, 344, 131119.  | 9.3 | 16        |
| 8  | XMN polymorphism along with HU administration renders alterations to RBC membrane lipidome in $\beta$ -thalassemia patients. <i>Chemistry and Physics of Lipids</i> , 2022, 244, 105195.  | 3.2 | 2         |
| 9  | IVS I-5 (G > C) is associated with changes to the RBC membrane lipidome in response to hydroxyurea treatment in $\beta$ -thalassemia patients. <i>Molecular Omics</i> , 2022, 18, 534-544.  | 2.8 | 2         |
| 10 | Investigation of fragmentation behaviors of steroidal drugs with Li <sup>+</sup> , Na <sup>+</sup> , K <sup>+</sup> adducts by tandem mass spectrometry aided with computational analysis. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103939.                                  | 4.9 | 2         |
| 11 | Tenofovir disoproxil fumarate-mediated $\beta$ -globin induction is correlated with the suppression of trans-acting factors in CD34 <sup>+</sup> progenitor cells: A role in the reactivation of fetal hemoglobin. <i>European Journal of Pharmacology</i> , 2022, 927, 175036.     | 3.5 | 1         |
| 12 | Screening for natural and derived bio-active compounds in preclinical and clinical studies: One of the frontlines of fighting the coronaviruses pandemic. <i>Phytomedicine</i> , 2021, 85, 153311.  | 5.3 | 51        |
| 13 | Metaproteomics reveals the structural and functional diversity of <i>Dermatocarpon miniatum</i> (L.) W. Mann. <i>Microbiota. Fungal Biology</i> , 2021, 125, 32-38.   | 2.5 | 3         |
| 14 | Exploring natural products-based cancer therapeutics derived from egyptian flora. <i>Journal of Ethnopharmacology</i> , 2021, 269, 113626.  | 4.1 | 23        |
| 15 | Concurrent ring-opening and atom transfer radical polymerization for synthesis of block copolymers, and their comprehensive chromatographic characterization. <i>European Polymer Journal</i> , 2021, 142, 110161.  | 5.4 | 9         |
| 16 | Metabolomics approach to understand the hepatitis C virus induced hepatocellular carcinoma using LC-ESI-MS/MS. <i>Arabian Journal of Chemistry</i> , 2021, 14, 102907.  | 4.9 | 8         |
| 17 | Flow Injection-High Resolution-Electrospray Ionization-Mass Spectrometry (FI-HR-ESI-MS) Method for the Screening of Antimicrobial Pharmaceutical Drugs and Compounds against <i>Klebsiella pneumoniae</i> . <i>European Journal of Pharmaceutical Sciences</i> , 2021, 157, 105633. | 4.0 | 3         |
| 18 | Characterization of a newly isolated cyanobacterium <i>Plectonema terebrans</i> for biotransformation of the wastewater-derived nutrients to biofuel and high-value bioproducts. <i>Journal of Water Process Engineering</i> , 2021, 39, 101702.                                    | 5.6 | 31        |

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|----|---|------|-----------|
| 19 | Monoterpenes as therapeutic candidates to induce fetal hemoglobin synthesis and up-regulation of gamma-globin gene: An in vitro and in vivo investigation. <i>European Journal of Pharmacology</i> , 2021, 891, 173700.                                       | 3.5  | 8         |
| 20 | Evaluation of cytotoxicity of areca nut and its commercial products on normal human gingival fibroblast and oral squamous cell carcinoma cell lines. <i>Journal of Hazardous Materials</i> , 2021, 403, 123872.   | 12.4 | 10        |
| 21 | Pericardial fluid proteomic label-free quantification of differentially expressed proteins in ischemic heart disease patients with systolic dysfunction by nano-LC-ESI-MS/MS analysis. <i>RSC Advances</i> , 2021, 11, 320-327.                               | 3.6  | 3         |
| 22 | Efficiency of different green shaking extraction methods for the preconcentration of trace quantity of mercury in artificial saliva extract of snuff products: impact on adult consumers. <i>Chemical Papers</i> , 2021, 75, 3005-3015.                       | 2.2  | 1         |
| 23 | Wasp Venom Biochemical Components and Their Potential in Biological Applications and Nanotechnological Interventions. <i>Toxins</i> , 2021, 13, 206.  | 3.4  | 46        |
| 24 | A simple and sensitive NGS-based method for pork detection in complex food samples. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103124.   | 4.9  | 7         |
| 25 | Chemical fingerprinting of three Anemone species and an adulteration study to detect cross mixing of medicinal plants by HPLC-HR-ESI-MS/MS method. <i>Journal of King Saud University - Science</i> , 2021, 33, 101461.                                       | 3.5  | 11        |
| 26 | High-Throughput Detection of an Alkaloidal Plant Metabolome in Plant Extracts Using LC-ESI-QTOF-MS. <i>Journal of Proteome Research</i> , 2021, 20, 3826-3839.  | 3.7  | 3         |
| 27 | Association of metabolites with obesity based on two gene variants, MC4R rs17782313 and BDNF rs6265. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166144.  | 3.8  | 2         |
| 28 | Rapid Identification of Common Secondary Metabolites of Medicinal Herbs Using High-Performance Liquid Chromatography with Evaporative Light Scattering Detector in Extracts. <i>Metabolites</i> , 2021, 11, 489.  | 2.9  | 10        |
| 29 | Ionic liquids containing plant derived benzoate as anions, exhibiting supramolecular polymeric aggregation: Impact of the aggregation on organic catalysis in aqueous medium. <i>Journal of Molecular Liquids</i> , 2021, 336, 116329.                        | 4.9  | 9         |
| 30 | Critical Review of Biotransformational Studies on Steroids by Using Culture of <i>Cunninghamella blakesleeana</i> . <i>Letters in Organic Chemistry</i> , 2021, 18, 936-944.  | 0.5  | 1         |
| 31 | Impact of wastewater cultivation on pollutant removal, biomass production, metabolite biosynthesis, and carbon dioxide fixation of newly isolated cyanobacteria in a multiproduct biorefinery paradigm. <i>Bioresource Technology</i> , 2021, 333, 125194.    | 9.6  | 39        |
| 32 | Repurposing of pharmaceutical drugs by high-throughput approach for antihypertensive activity as inhibitors of angiotensin-converting enzyme (ACE) using HPLC-ESI-MS/MS method. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103279.                       | 4.9  | 6         |
| 33 | Acyclovir induces fetal hemoglobin via downregulation of $\hat{\Gamma}^3$ -globin repressors, BCL11A and SOX6 trans-acting factors. <i>Biochemical Pharmacology</i> , 2021, 190, 114612.  | 4.4  | 9         |
| 34 | GC-MS Analysis and In Silico Approaches of <i>Indigofera heterantha</i> Root Oil Chemical Constituents. <i>Compounds</i> , 2021, 1, 116-124.  | 1.9  | 5         |
| 35 | Cilostazol-mediated reversion of $\hat{\Gamma}^3$ -globin silencing is associated with a high level of HbF production: A potential therapeutic candidate for $\hat{\Gamma}^2$ -globin disorders. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 112058.  | 5.6  | 5         |
| 36 | A UPLC-DAD-Based Bio-Screening Assay for the Evaluation of the Angiotensin Converting Enzyme Inhibitory Potential of Plant Extracts and Compounds: Pyrroquinazoline Alkaloids from <i>Adhatoda vasica</i> as a Case Study. <i>Molecules</i> , 2021, 26, 6971. | 3.8  | 2         |

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|----|---|------|-----------|
| 37 | Metabolite distribution and correlation studies of <i>Ziziphus jujuba</i> and <i>Ziziphus nummularia</i> using LC-ESI-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 178, 112918.  | 2.8  | 20        |
| 38 | Salicylaldehyde derivative of nano-chitosan as an efficient adsorbent for lead(II), copper(II), and cadmium(II) ions. <i>International Journal of Biological Macromolecules</i> , 2020, 147, 643-652.   | 7.5  | 65        |
| 39 | Profiling of hydroxyurea-treated <i>β</i> -thalassemia/ serum proteome through nano-ESI-MS/MS in combination with microscale isoelectric focusing. <i>Biomedical Chromatography</i> , 2020, 34, e4753.  | 1.7  | 3         |
| 40 | Ionic profiling of pericardial fluid in ischemic heart disease. <i>RSC Advances</i> , 2020, 10, 36439-36451.  | 3.6  | 1         |
| 41 | Cross-mixing study of a poisonous <i>Cestrum</i> species, <i>Cestrum diurnum</i> in herbal raw material by chemical fingerprinting using LC-ESI-QTOF-MS/MS. <i>Arabian Journal of Chemistry</i> , 2020, 13, 7851-7859.                                      | 4.9  | 5         |
| 42 | Tenofovir disoproxil fumarate induces fetal hemoglobin production in K562 cells and YAC transgenic mice: A therapeutic approach for $\beta$ -globin induction. <i>Experimental Cell Research</i> , 2020, 394, 112168.                                       | 2.6  | 9         |
| 43 | Adaptation mechanism of mango fruit ( <i>Mangifera indica</i> L. cv. Chaunsa White) to heat suggest modulation in several metabolic pathways. <i>RSC Advances</i> , 2020, 10, 35531-35544.  | 3.6  | 9         |
| 44 | Rapid identification and quantification of bioactive metabolites in processed <i>Camellia sinensis</i> samples by UHPLC-ESI-MS/MS and evaluation of their antioxidant activity. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 90, 419-426. | 5.8  | 13        |
| 45 | Antimicrobial Properties of <i>Apis mellifera</i> 's Bee Venom. <i>Toxins</i> , 2020, 12, 451.  | 3.4  | 54        |
| 46 | Comprehensive Overview on Multiple Strategies Fighting COVID-19. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5813.   | 2.6  | 24        |
| 47 | Phosphoproteomic strategies in cancer research: a minireview. <i>Analyst</i> , 2020, 145, 7125-7149.  | 3.5  | 9         |
| 48 | Understanding of metals dysregulation in patients with systolic and diastolic dysfunction in ischemic heart disease. <i>Scientific Reports</i> , 2020, 10, 13948.   | 3.3  | 3         |
| 49 | A comparative metabolomic study on desi and kabuli chickpea ( <i>Cicer arietinum</i> L.) genotypes under rainfed and irrigated field conditions. <i>Scientific Reports</i> , 2020, 10, 13919.   | 3.3  | 15        |
| 50 | Untargeted-metabolomics differentiation between poultry samples slaughtered with and without detaching spinal cord. <i>Arabian Journal of Chemistry</i> , 2020, 13, 9081-9089.  | 4.9  | 15        |
| 51 | Honeybee products: An updated review of neurological actions. <i>Trends in Food Science and Technology</i> , 2020, 101, 17-27.  | 15.1 | 41        |
| 52 | A high-throughput method for dereplication and assessment of metabolite distribution in <i>Salvia</i> species using LC-MS/MS. <i>Journal of Advanced Research</i> , 2020, 24, 79-90.  | 9.5  | 20        |
| 53 | Poly(propylene glycol) stabilized gold nanoparticles: An efficient colorimetric assay for ceftriaxone. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 87, 180-186.  | 5.8  | 17        |
| 54 | Madecassic Acid Reduces Fast Transient Potassium Channels and Promotes Neurite Elongation in Hippocampal CA1 Neurons. <i>CNS and Neurological Disorders - Drug Targets</i> , 2020, 19, 12-26.   | 1.4  | 5         |

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|----|---|------|-----------|
| 55 | Synthesis and Erythroid Induction Activity of New Thiourea Derivatives. <i>Medicinal Chemistry</i> , 2020, 17, 121-133.   | 1.5  | 1         |
| 56 | Plasma metabolite profiling and chemometric analyses of tobacco snuff dippers and patients with oral cancer: Relationship between metabolic signatures. <i>Head and Neck</i> , 2019, 41, 291-300.   | 2.0  | 8         |
| 57 | Detection of lard contamination in five different edible oils by FT-IR spectroscopy using a partial least squares calibration model. <i>Turkish Journal of Chemistry</i> , 2019, 43, 1098-1108.   | 1.2  | 8         |
| 58 | Association of Cyclin Dependent Kinase 10 and Transcription Factor 2 during Human Corneal Epithelial Wound Healing in vitro model. <i>Scientific Reports</i> , 2019, 9, 11802.  | 3.3  | 7         |
| 59 | Combining untargeted and targeted metabolomics approaches for the standardization of polyherbal formulations through UPLC-MS/MS. <i>Metabolomics</i> , 2019, 15, 116.   | 3.0  | 16        |
| 60 | Truffles: From Islamic culture to chemistry, pharmacology, and food trends in recent times. <i>Trends in Food Science and Technology</i> , 2019, 91, 193-218.   | 15.1 | 32        |
| 61 | Cinchona alkaloids as natural fetal hemoglobin inducing agents in human erythroleukemia cells. <i>RSC Advances</i> , 2019, 9, 17551-17559.  | 3.6  | 11        |
| 62 | Assessment of heavy metals in calcium carbide treated mangoes by inductively coupled plasma-mass spectrometry (ICP-MS). <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2019, 36, 1769-1776. | 2.3  | 10        |
| 63 | Sensitive Determination of C-Alkylated Flavonoids by HPLC-ESI-MS/MS Using Multiple Reaction Monitoring Approach: <i>Pseudarthria hookeri</i> as a Case Study. <i>Journal of Chromatographic Science</i> , 2019, 57, 944-949.                              | 1.4  | 2         |
| 64 | Metabolite Profiling and Quantitation of Cucurbitacins in Cucurbitaceae Plants by Liquid Chromatography coupled to Tandem Mass Spectrometry. <i>Scientific Reports</i> , 2019, 9, 15992.  | 3.3  | 19        |
| 65 | Photolysis of carboxymethylflavin in aqueous and organic solvent: a kinetic study. <i>RSC Advances</i> , 2019, 9, 26559-26571.  | 3.6  | 8         |
| 66 | Characterization of Polystyrene- <i>block</i> -Poly(2-vinyl pyridine) Copolymers and Blends of Their Homopolymers by Liquid Chromatography at Critical Conditions. <i>Macromolecules</i> , 2019, 52, 7688-7695.   | 4.8  | 12        |
| 67 | Untargeted metabolomic analysis of coronary artery disease patients with diastolic dysfunction show disturbed oxidative pathway. <i>Metabolomics</i> , 2019, 15, 98.  | 3.0  | 14        |
| 68 | Poly(propylene ether carbonate)-Based Di- and Tri-Block Copolymers: Synthesis and Chromatographic Characterization. <i>Macromolecular Research</i> , 2019, 27, 911-918.   | 2.4  | 5         |
| 69 | Thiourea derivatives induce fetal hemoglobin production in-vitro: A new class of potential therapeutic agents for $\beta^0$ -thalassemia. <i>European Journal of Pharmacology</i> , 2019, 855, 285-293.   | 3.5  | 7         |
| 70 | Facile liquid-phase deposition synthesis of titania-coated magnetic sporopollenin for the selective capture of phosphopeptides. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 3373-3382.   | 3.7  | 9         |
| 71 | Reflection of treatment proficiency of hydroxyurea treated $\beta^0$ -thalassemia serum samples through nuclear magnetic resonance based metabolomics. <i>Scientific Reports</i> , 2019, 9, 2041.   | 3.3  | 6         |
| 72 | Magnetite nanoparticles coated with chitosan and polyethylenimine as anion exchanger for sorptive enrichment of phosphopeptides. <i>Mikrochimica Acta</i> , 2019, 186, 852.   | 5.0  | 8         |

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|----|---|-----|-----------|
| 73 | Cardenolides: Insights from chemical structure and pharmacological utility. <i>Pharmacological Research</i> , 2019, 141, 123-175.   | 7.1 | 43        |
| 74 | Impact of hydroxyurea therapy on serum fatty acids of $\beta^2$ -thalassemia patients. <i>Metabolomics</i> , 2018, 14, 27.  | 3.0 | 4         |
| 75 | Evaluation of antidiabetic potential of steroidal alkaloid of <i>Sarcococca saligna</i> . <i>Biomedicine and Pharmacotherapy</i> , 2018, 100, 461-466.  | 5.6 | 18        |
| 76 | Quantitative assessment of metal dysregulation in $\beta^2$ -thalassemia patients in comparison with healthy controls by ICP-MS and chemometric analyses. <i>Biomedical Chromatography</i> , 2018, 32, e4200.   | 1.7 | 1         |
| 77 | Two-stage mass spectrometry approach for the analysis of triterpenoid glycosides in <i>Fagonia indica</i> . <i>RSC Advances</i> , 2018, 8, 41023-41031.   | 3.6 | 4         |
| 78 | Alteration of Serum Free Fatty Acids are Indicators for Progression of Pre-leukaemia Diseases to Leukaemia. <i>Scientific Reports</i> , 2018, 8, 14883.   | 3.3 | 15        |
| 79 | Hydroxyurea Treated $\beta^2$ -Thalassemia Children Demonstrate a Shift in Metabolism Towards Healthy Pattern. <i>Scientific Reports</i> , 2018, 8, 15152.  | 3.3 | 16        |
| 80 | Newly designed pyridine and piperidine based Ionic Liquids: Aggregation behavior in ESI-MS and catalytic activity in C C bond formation reactions. <i>Journal of Molecular Liquids</i> , 2018, 272, 84-91.  | 4.9 | 10        |
| 81 | Synthesis and characterization of 4-arm star-shaped amphiphilic block copolymers consisting of poly(ethylene oxide) and poly( $\mu$ -caprolactone). <i>RSC Advances</i> , 2018, 8, 28569-28580.   | 3.6 | 29        |
| 82 | A comparative profiling of oral cancer patients and high risk niswar users using FT-IR and chemometric analysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 203, 177-184.   | 3.9 | 14        |
| 83 | Soluble Production of Human Recombinant VEGF-A121 by Using SUMO Fusion Technology in <i>Escherichia coli</i> . <i>Molecular Biotechnology</i> , 2018, 60, 585-594.  | 2.4 | 6         |
| 84 | Chromatographic characterization of amphiphilic di- and tri- block copolymers of poly(ethylene oxide) and poly( $\mu$ -caprolactone). <i>Journal of Separation Science</i> , 2018, 41, 3352-3359.   | 2.5 | 15        |
| 85 | SERUM metabolomics of acute lymphoblastic leukaemia and acute myeloid leukaemia for probing biomarker molecules. <i>Hematological Oncology</i> , 2017, 35, 769-777.   | 1.7 | 28        |
| 86 | CD5 molecule-like and transthyretin as putative biomarkers of chronic myeloid leukemia - an insight from the proteomic analysis of human plasma. <i>Scientific Reports</i> , 2017, 7, 40943.  | 3.3 | 7         |
| 87 | $\beta^2$ -Thalassemia Patients Revealed a Significant Change of Untargeted Metabolites in Comparison to Healthy Individuals. <i>Scientific Reports</i> , 2017, 7, 42249.   | 3.3 | 29        |
| 88 | Sensitive quantification of coixol, a potent insulin secretagogue, in <i>Scoparia dulcis</i> extract using high-performance liquid chromatography combined with tandem mass spectrometry and UV detection. <i>Biomedical Chromatography</i> , 2017, 31, e3964.          | 1.7 | 3         |
| 89 | Screening of inhibitors of angiotensin-converting enzyme (ACE) employing high performance liquid chromatography-electrospray ionization triple quadrupole mass spectrometry (HPLC-ESI-QqQ-MS). <i>European Journal of Pharmaceutical Sciences</i> , 2017, 101, 182-188. | 4.0 | 4         |
| 90 | Polymeric hydrophilic interaction liquid chromatography coupled with Orbitrap mass spectrometry and chemometric analysis for untargeted metabolite profiling of natural rice variants. <i>Journal of Cereal Science</i> , 2017, 73, 165-173.                            | 3.7 | 6         |

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|-----|--|-----|-----------|
| 91  | Synthesis and Characterization of Novel Biodegradable Di- and Tri-Block Copolymers Based on Ethylene Carbonate Polymer as Hydrophobic Segment. <i>Journal of Polymer Science Part A</i> , 2017, 55, 1887-1893. | 2.3 | 10        |
| 92  | Metallomic profiling to evaluate the response to drug treatment: hydroxyurea as a case study in $\beta$ -thalassemia patients. <i>RSC Advances</i> , 2017, 7, 23882-23889.                                     | 3.6 | 2         |
| 93  | Application of dyes as doping agents in MALDI-MS matrices for the signal enhancement of proteins. <i>RSC Advances</i> , 2017, 7, 6598-6604.  | 3.6 | 1         |
| 94  | Fungi as a source of marker compounds for the control of illicit use of drugs: mesterolone as a case study. <i>Metabolomics</i> , 2017, 13, 1.   | 3.0 | 0         |
| 95  | Serum amyloid A1 and plasminogen as predictive proteins to monitor the progression of preleukemic diseases towards acute lymphoblastic leukaemia. <i>RSC Advances</i> , 2017, 7, 29218-29226.                  | 3.6 | 2         |
| 96  | Analysis of individual block length of amphiphilic di- & tri-block copolymers containing poly(ethylene oxide) and poly(methyl methacrylate). <i>RSC Advances</i> , 2017, 7, 41693-41704.                       | 3.6 | 13        |
| 97  | Isolation and characterization of non-sulfated and sulfated triterpenoid saponins from <i>Fagonia indica</i> . <i>Phytochemistry</i> , 2017, 143, 151-159.   | 2.9 | 9         |
| 98  | Sensitive analysis of bioactive secondary metabolites in lichen species using liquid chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 146, 279-284.          | 2.8 | 11        |
| 99  | 5D proteomic approach for the biomarker search in plasma: Acute myeloid leukaemia as a case study. <i>Scientific Reports</i> , 2017, 7, 16440.   | 3.3 | 4         |
| 100 | Serum Metabolomic Profiles for Breast Cancer Diagnosis, Grading and Staging by Gas Chromatography-Mass Spectrometry. <i>Scientific Reports</i> , 2017, 7, 1715.  | 3.3 | 61        |
| 101 | Stability-Indicating TLC-Densitometric Assay for Methyltestosterone and Quantum Chemical Calculations. <i>Journal of Chromatographic Science</i> , 2017, 55, 954-960.  | 1.4 | 4         |
| 102 | Identification of actin beta-like 2 (ACTBL2) as novel, upregulated protein in colorectal cancer. <i>Journal of Proteomics</i> , 2017, 152, 33-40.  | 2.4 | 23        |
| 103 | Application of analytical methods in authentication and adulteration of honey. <i>Food Chemistry</i> , 2017, 217, 687-698.   | 8.2 | 195       |
| 104 | MALDI-MS analysis and theoretical evaluation of olanzapine as a UV laser desorption ionization (LDI) matrix. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 132, 190-194.                    | 2.8 | 1         |
| 105 |  |     |           |

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|-----|--|-----|-----------|
| 109 | Serum metabonomics of acute leukemia using nuclear magnetic resonance spectroscopy. <i>Scientific Reports</i> , 2016, 6, 30693.  | 3.3 | 48        |
| 110 | Synthesis and meticulous molecular, morphological and thermal characterization of linear and star-shaped polycaprolactones. <i>RSC Advances</i> , 2016, 6, 98117-98127.  | 3.6 | 20        |
| 111 | Glycosylated Alpha-1-acid glycoprotein 1 as a potential lung cancer serum biomarker. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 70, 68-75.  | 2.8 | 39        |
| 112 | Quantification of aroma constituents of mango sap from different Pakistan mango cultivars using gas chromatography triple quadrupole mass spectrometry. <i>Food Chemistry</i> , 2016, 196, 1355-1360.                      | 8.2 | 17        |
| 113 | Development of diamond-lanthanide metal oxide affinity composites for the selective capture of endogenous serum phosphopeptides. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 1633-1641.                     | 3.7 | 19        |
| 114 | Mass spectrometric identification, characterization and validation of the haptoglobin $\beta^2$ -chain protein as a lung cancer serum biomarker. <i>Molecular Medicine Reports</i> , 2015, 12, 3755-3762.                  | 2.4 | 5         |
| 115 | Selective C-Arylation of 2,5-Dibromo-3-hexylthiophene via Suzuki Cross Coupling Reaction and Their Pharmacological Aspects. <i>Molecules</i> , 2015, 20, 5202-5214.  | 3.8 | 15        |
| 116 | HPLC determination of gamma amino butyric acid (GABA) and some biogenic amines (BAs) in controlled, germinated, and fermented brown rice by pre-column derivatization. <i>Journal of Cereal Science</i> , 2015, 64, 56-62. | 3.7 | 21        |
| 117 | New immunomodulatory steroidal alkaloids from <i>Sarcococa saligna</i> . <i>Phytochemistry Letters</i> , 2015, 14, 203-208.  | 1.2 | 4         |
| 118 | Post-derivative TLC densitometric stability indicating assay for mestrolone and quantum chemical calculations. <i>Analytical Methods</i> , 2015, 7, 8412-8417.   | 2.7 | 1         |
| 119 | Photodegradation of norfloxacin in aqueous and organic solvents: A kinetic study. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015, 302, 1-10.  | 3.9 | 29        |
| 120 | Quantification of FAMES in biodiesel blends of various sources by gas chromatography tandem mass spectrometry. <i>Analytical Methods</i> , 2015, 7, 3372-3378.   | 2.7 | 9         |
| 121 | Sensitive determination of glycerol by derivatization using a HPLC-DAD method in biodiesel samples. <i>Analytical Methods</i> , 2015, 7, 7805-7810.  | 2.7 | 6         |
| 122 | Plasma Metabolite Profiling and Chemometric Analyses of Lung Cancer along with Three Controls through Gas Chromatography-Mass Spectrometry. <i>Scientific Reports</i> , 2015, 5, 8607.                                     | 3.3 | 41        |
| 123 | Immunosuppressive and hepatoprotective potential of <i>Sarcococca saligna</i> and its biomarker components. <i>International Immunopharmacology</i> , 2015, 28, 235-243.   | 3.8 | 9         |
| 124 | Rapid identification of lichen compounds based on the structure-fragmentation relationship using ESI-MS/MS analysis. <i>Analytical Methods</i> , 2015, 7, 6066-6076.   | 2.7 | 34        |
| 125 | Quantification of steroidal alkaloids in <i>Buxus papillosa</i> using electrospray ionization liquid chromatography-triple quadrupole mass spectrometry. <i>Steroids</i> , 2015, 100, 5-10.                                | 1.8 | 5         |
| 126 | Sensitive quantification of six steroidal lactones in <i>Withania coagulans</i> extract by UHPLC electrospray tandem mass spectrometry. <i>Steroids</i> , 2015, 104, 176-181.  | 1.8 | 18        |



| #   | ARTICLE   | IF  | CITATIONS |
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