

# Ala A Alhusban

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1516142/publications.pdf>

Version: 2024-02-01

21  
papers

502  
citations

933447

10  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

558  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Recent advances in enhancing the sensitivity of electrophoresis and electrochromatography in capillaries and microchips (2012–2014). <i>Electrophoresis</i> , 2015, 36, 36-61.   | 2.4 | 138       |
| 2  | Recent advances in enhancing the sensitivity of electrophoresis and electrochromatography in capillaries and microchips (2016–2018). <i>Electrophoresis</i> , 2019, 40, 17-39.   | 2.4 | 113       |
| 3  | Preferential Accumulation of Phospholipid-PEG and Cholesterol-PEG Decorated Gold Nanorods into Human Skin Layers and Their Photothermal-Based Antibacterial Activity. <i>Scientific Reports</i> , 2019, 9, 5796.   | 3.3 | 49        |
| 4  | On-line sequential injection-capillary electrophoresis for near-real-time monitoring of extracellular lactate in cell culture flasks. <i>Journal of Chromatography A</i> , 2014, 1323, 157-162.  | 3.7 | 27        |
| 5  | Capillary electrophoresis for monitoring bioprocesses. <i>Electrophoresis</i> , 2013, 34, 1465-1482.   | 2.4 | 22        |
| 6  | Capillary electrophoresis for automated on-line monitoring of suspension cultures: Correlating cell density, nutrients and metabolites in near real-time. <i>Analytica Chimica Acta</i> , 2016, 920, 94-101.   | 5.4 | 21        |
| 7  | The Safety Assessment of Toxic Metals in Commonly Used Pharmaceutical Herbal Products and Traditional Herbs for Infants in Jordanian Market. <i>Biological Trace Element Research</i> , 2019, 187, 307-315.  | 3.5 | 21        |
| 8  | Upregulation of PI3K/AKT/PTEN pathway is correlated with glucose and glutamine metabolic dysfunction during tamoxifen resistance development in MCF-7 cells. <i>Scientific Reports</i> , 2020, 10, 21933.  | 3.3 | 20        |
| 9  | Changes in Lactate Production, Lactate Dehydrogenase Genes Expression and DNA Methylation in Response to Tamoxifen Resistance Development in MCF-7 Cell Line. <i>Genes</i> , 2021, 12, 777.  | 2.4 | 16        |
| 10 | PI3K/AKT and MAPK1 molecular changes preceding matrix metalloproteinases overexpression during tamoxifen-resistance development are correlated to poor prognosis in breast cancer patients. <i>Breast Cancer</i> , 2021, 28, 1358-1366.                                    | 2.9 | 16        |
| 11 | Liquid chromatography–tandem mass spectrometry for rapid and selective simultaneous determination of fluoroquinolones level in human aqueous humor. <i>Journal of Pharmaceutical and Toxicological Methods</i> , 2019, 97, 36-43.  | 0.7 | 15        |
| 12 | Time-Resolved Pharmacological Studies using Automated, On-line Monitoring of Five Parallel Suspension Cultures. <i>Scientific Reports</i> , 2017, 7, 10337.  | 3.3 | 9         |
| 13 | Simple HPLC method for rapid quantification of nicotine content in e-cigarettes liquids. <i>Acta Chromatographica</i> , 2021, 33, 302-307.   | 1.3 | 7         |
| 14 | High Performance Liquid Chromatography–Tandem Mass Spectrometry Method for Correlating the Metabolic Changes of Lactate, Pyruvate and L-Glutamine with Induced Tamoxifen Resistant MCF-7 Cell Line Potential Molecular Changes. <i>Molecules</i> , 2021, 26, 4824.         | 3.8 | 6         |
| 15 | Simple HPLC method for simultaneous quantification of nicotine and cotinine levels in rat plasma after exposure to two different tobacco products. <i>Acta Chromatographica</i> , 2023, 35, 106-114.   | 1.3 | 5         |
| 16 | Isolation and structure elucidation of bioactive polyphenols. <i>Studies in Natural Products Chemistry</i> , 2019, 63, 267-337.  | 1.8 | 4         |
| 17 | Lactate and pyruvate levels correlation with lactate dehydrogenase gene expression and glucose consumption in Tamoxifen-resistant MCF-7 cells using capillary electrophoresis with contactless conductivity detection (CE-CD). <i>Electrophoresis</i> , 2022, 43, 446-455. | 2.4 | 4         |
| 18 | Development and characterization of k-carrageenan platforms as periodontal intra-pocket films. <i>Tropical Journal of Pharmaceutical Research</i> , 2021, 18, 1791-1798.   | 0.3 | 3         |

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|----|--|-----|-----------|
| 19 | In vitro Characterization and Evaluation of Commercialized Paracetamol Products in Jordan. <i>Dissolution Technologies</i> , 2019, 26, 36-44.  | 0.6 | 3         |
| 20 | Automated online monitoring of lactate and pyruvate in tamoxifen resistant MCF-7 cells using sequential-injection capillary electrophoresis with contactless conductivity detection (SI-CE-C <sup>4</sup> /sup>D) and correlation with MCT1 and MCT4 genes expression. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2022, 45, 18-27. | 1.0 | 2         |
| 21 | A developing method for preconcentration and determination of Pb, Cd, Al and As in different herbal pharmaceutical dosage forms using chelex-100. <i>Chemical Papers</i> , 2021, 75, 3563-3573.  | 2.2 | 1         |