

# Aemi S Abdul Keyon

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

961  
citations

516710

16  
h-index

580821

25  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1037  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous preconcentration and determination of sulfonamide antibiotics in milk and yoghurt by dynamic pH junction focusing coupled with capillary electrophoresis. <i>Talanta</i> , 2022, 236, 122833.	5.5	34
2	Occurrence of heavy metals and their removal in <i>Perna viridis</i> mussels using chemical methods: a review. <i>Environmental Science and Pollution Research</i> , 2022, 29, 4803-4821.	5.3	4
3	A simple and efficient sequential electrokinetic and hydrodynamic injections in micellar electrokinetic chromatography method for quantification of anticancer drug 5-fluorouracil and its metabolite in human plasma. <i>Biomedical Chromatography</i> , 2021, 35, e5050.	1.7	3
4	Analytical method development and validation of anticancer agent, 5-fluorouracil, and its metabolites in biological matrices: An updated review. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2020, 43, 562-579.	1.0	7
5	Superhydrophilic graphene oxide/electrospun cellulose nanofibre for efficient adsorption of organophosphorus pesticides from environmental samples. <i>Royal Society Open Science</i> , 2020, 7, 192050.	2.4	20
6	Removal of rhodamine 6G and crystal violet dyes from water sample using cellulose acetate-(3-aminopropyl)-triethoxysilane sorbent. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	7
7	Capillary electrophoresis for the analysis of antidepressant drugs: A review. <i>Journal of Separation Science</i> , 2019, 42, 906-924.	2.5	9
8	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
9	Graphene-magnetite as adsorbent for magnetic solid phase extraction of 4-hydroxybenzoic acid and 3,4-dihydroxybenzoic acid in stingless bee honey. <i>Food Chemistry</i> , 2018, 265, 165-172.	8.2	54
10	Calcium Alginate-Caged Multiwalled Carbon Nanotubes Dispersive Microsolid Phase Extraction Combined With Gas Chromatography-Flame Ionization Detection for the Determination of Polycyclic Aromatic Hydrocarbons in Water Samples. <i>Journal of Chromatographic Science</i> , 2018, 56, 177-186.	1.4	14
11	Statistical optimization and operational stability of <i>Rhizomucor miehei</i> lipase supported on magnetic chitosan/chitin nanoparticles for synthesis of pentyl valerate. <i>International Journal of Biological Macromolecules</i> , 2018, 115, 680-695.	7.5	26
12	Enzymatic esterification of eugenol and benzoic acid by a novel chitosan-chitin nanowhiskers supported <i>Rhizomucor miehei</i> lipase: Process optimization and kinetic assessments. <i>Enzyme and Microbial Technology</i> , 2018, 108, 42-52.	3.2	43
13	Advances in organic-inorganic hybrid sorbents for the extraction of organic and inorganic pollutants in different types of food and environmental samples. <i>Journal of Separation Science</i> , 2018, 41, 195-208.	2.5	30
14	Magnetic sporopollenin-cyanopropyltriethoxysilane-dispersive micro-solid phase extraction coupled with high performance liquid chromatography for the determination of selected non-steroidal anti-inflammatory drugs in water samples. <i>Journal of Chromatography A</i> , 2018, 1532, 50-57.	3.7	34
15	Box-Behnken Experimental Design for the Synthesis of Magnetite-Polypyrrole Composite for the Magnetic Solid Phase Extraction of Non-steroidal Anti-inflammatory Drug Residues. <i>Analytical Letters</i> , 2018, 51, 2221-2239.	1.8	5
16	Toxic metals in <i>Perna viridis</i> mussel and surface seawater in Pasir Gudang coastal area, Malaysia, and its health implications. <i>Environmental Science and Pollution Research</i> , 2018, 25, 30224-30235.	5.3	17
17	Polypyrrole-magnetite dispersive micro-solid phase extraction combined with ultraviolet-visible spectrophotometry for the determination of rhodamine 6G and crystal violet in textile wastewater. <i>Journal of Separation Science</i> , 2017, 40, 4256-4263.	2.5	7
18	Recent advances in enhancing the sensitivity of electrophoresis and electrochromatography in capillaries and microchips (2014-2016). <i>Electrophoresis</i> , 2017, 38, 33-59.	2.4	87

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19	Online preconcentration by electrokinetic supercharging for separation of endocrine disrupting chemical and phenolic pollutants in water samples. <i>Electrophoresis</i> , 2016, 37, 2649-2656.	2.4	8
20	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
21	Capillary electrophoresis for the analysis of paralytic shellfish poisoning toxins in shellfish: Comparison of detection methods. <i>Electrophoresis</i> , 2014, 35, 1496-1503.	2.4	28
22	Transient isotachopheresis-capillary zone electrophoresis with contactless conductivity and ultraviolet detection for the analysis of paralytic shellfish toxins in mussel samples. <i>Journal of Chromatography A</i> , 2014, 1364, 295-302.	3.7	27
23	Recent advances in enhancing the sensitivity of electrophoresis and electrochromatography in capillaries and microchips (2010-2012). <i>Electrophoresis</i> , 2013, 34, 29-54.	2.4	163
24	Preparation and characterization of a new sol-gel hybrid based tetraethoxysilane-polydimethylsiloxane as a stir bar extraction sorbent materials. <i>Journal of Sol-Gel Science and Technology</i> , 2011, 58, 602-611.	2.4	44
25	Synthesis and characterization of polydimethylsiloxane-cyanopropyltriethoxysilane-derived hybrid coating for stir bar sorptive extraction. <i>Journal of Sol-Gel Science and Technology</i> , 2011, 59, 128-134.	2.4	39