

# Aemi S Abdul Keyon

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25  
papers

708  
citations

13  
h-index

25  
g-index

25  
ext. papers

819  
ext. citations

3.7  
avg, IF

3.87  
L-index

#	Paper	IF	Citations
25	Simultaneous preconcentration and determination of sulfonamide antibiotics in milk and yoghurt by dynamic pH junction focusing coupled with capillary electrophoresis. <i>Talanta</i> , <b>2022</b> , 236, 122833	6.2	4
24	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> , <b>2021</b> , 29, 4803	5.1	0
23	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> , <b>2021</b> , 35, e5050	1.7	0
22	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> , <b>2020</b> , 43, 562-579	1.3	3
21	Superhydrophilic graphene oxide/electrospun cellulose nanofibre for efficient adsorption of organophosphorus pesticides from environmental samples. <i>Royal Society Open Science</i> , <b>2020</b> , 7, 192050	3.3	8
20	Removal of rhodamine 6G and crystal violet dyes from water sample using cellulose acetate-(3-aminopropyl)-triethoxysilane sorbent <b>2019</b> ,		2
19	Capillary electrophoresis for the analysis of antidepressant drugs: A review. <i>Journal of Separation Science</i> , <b>2019</b> , 42, 906-924	3.4	4
18	Recent advances in enhancing the sensitivity of electrophoresis and electrochromatography in capillaries and microchips (2016-2018). <i>Electrophoresis</i> , <b>2019</b> , 40, 17-39	3.6	69
17	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> , <b>2018</b> , 265, 165-172	8.5	41
16	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> , <b>2018</b> , 56, 177-186	1.4	7
15	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> , <b>2018</b> , 115, 680-695	7.9	19
14	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> , <b>2018</b> , 108, 42-52	3.8	31
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> , <b>2018</b> , 41, 195-208	3.4	21
12	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> , <b>2018</b> , 25, 30224-30235	5.1	8
11	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> , <b>2018</b> , 1532, 50-57	4.5	27
10	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> , <b>2018</b> , 51, 2221-2239	2.2	3
9	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> , <b>2017</b> , 40, 4256-4263	3.4	5

8	Recent advances in enhancing the sensitivity of electrophoresis and electrochromatography in capillaries and microchips (2014-2016). <i>Electrophoresis</i> , <b>2017</b> , 38, 33-59	3.6	76
7	Online preconcentration by electrokinetic supercharging for separation of endocrine disrupting chemical and phenolic pollutants in water samples. <i>Electrophoresis</i> , <b>2016</b> , 37, 2649-2656	3.6	8
6	Recent advances in enhancing the sensitivity of electrophoresis and electrochromatography in capillaries and microchips (2012-2014). <i>Electrophoresis</i> , <b>2015</b> , 36, 36-61	3.6	129
5	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> , <b>2014</b> , 1364, 295-302	4.5	26
4	Capillary electrophoresis for the analysis of paralytic shellfish poisoning toxins in shellfish: comparison of detection methods. <i>Electrophoresis</i> , <b>2014</b> , 35, 1496-503	3.6	24
3	Recent advances in enhancing the sensitivity of electrophoresis and electrochromatography in capillaries and microchips (2010-2012). <i>Electrophoresis</i> , <b>2013</b> , 34, 29-54	3.6	122
2	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> , <b>2011</b> , 58, 602-611	2.3	36
1	Synthesis and characterization of polydimethylsiloxane-cyanopropyltriethoxysilane-derived hybrid coating for stir bar sorptive extraction. <i>Journal of Sol-Gel Science and Technology</i> , <b>2011</b> , 59, 128-134	2.3	35