

# Nantana Nuchtavorn

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

371  
citations

1039406

9  
h-index

1058022

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

577  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent applications of microchip electrophoresis to biomedical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 113, 72-96.	1.4	95
2	A novel highly flexible, simple, rapid and low-cost fabrication tool for paper-based microfluidic devices (µPADs) using technical drawing pens and in-house formulated aqueous inks. <i>Analytica Chimica Acta</i> , 2016, 919, 70-77.	2.6	73
3	Miniaturised medium pressure capillary liquid chromatography system with flexible open platform design using off-the-shelf microfluidic components. <i>Analytica Chimica Acta</i> , 2015, 896, 166-176.	2.6	41
4	Exploring chip-capillary electrophoresis-laser-induced fluorescence field-deployable platform flexibility: Separations of fluorescent dyes by chip-based non-aqueous capillary electrophoresis. <i>Journal of Chromatography A</i> , 2013, 1286, 216-221.	1.8	25
5	High power deep UV-LEDs for analytical optical instrumentation. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 1238-1243.	4.0	25
6	Antioxidant and anti-inflammatory activities of <i>Clerodendrum</i> leaf extracts collected in Thailand. <i>European Journal of Integrative Medicine</i> , 2016, 8, 281-285.	0.8	24
7	Distance-based detection in analytical flow devices: From gas detection tubes to microfluidic chips and microfluidic paper-based analytical devices. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 150, 116581.	5.8	21
8	Rapid separations of Nile blue stained microorganisms as cationic charged species by chip-CE with LIF. <i>Electrophoresis</i> , 2012, 33, 1421-1426.	1.3	18
9	Potential of Capillary Electrophoresis (CE) and Chip-CE with Dual Detection (Capacitively-Coupled) Tj ETQq1 1 0.784314 rgBT /Overload and Cotinine Derivatization. <i>Analytical Sciences</i> , 2013, 29, 339-344.	0.8	13
10	Paper-based sol-gel thin films immobilized cytochrome P450 for enzyme activity measurement. <i>Analytica Chimica Acta</i> , 2020, 1098, 86-93.	2.6	10
11	In-capillary derivatization with fluorescamine for the rapid determination of adamantane drugs by capillary electrophoresis with UV detection. <i>Journal of Separation Science</i> , 2018, 41, 3764-3771.	1.3	8
12	Brompheniramine as a novel probe for indirect UV detection and its application for the capillary electrophoresis of adamantane drugs. <i>Journal of Separation Science</i> , 2017, 40, 1184-1192.	1.3	7
13	PLS-regression-model-assisted Raman spectroscopy for vegetable oil classification and non-destructive analysis of alpha-tocopherol contents of vegetable oils. <i>Journal of Food Composition and Analysis</i> , 2021, 103, 104119.	1.9	7
14	Simultaneous Analysis of Biologically Active Pyridines in Pharmaceutical Formulations by Capillary Zone Electrophoresis. <i>Journal of Chromatographic Science</i> , 2012, 50, 151-156.	0.7	4