

# Cari E Sãnger-Van De Griend

## List of Publications by Year in descending order

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32  
papers

923  
citations

430874

18  
h-index

454955

30  
g-index

32  
all docs

32  
docs citations

32  
times ranked

655  
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein mapping of peanut extract with capillary electrophoresis. <i>Electrophoresis</i> , 2022, 43, 1027-1034.	2.4	9
2	Method development for mono- and disaccharides monitoring in cell culture medium by capillary and microchip electrophoresis. <i>Electrophoresis</i> , 2022, 43, 922-929.	2.4	12
3	Sixteen capillary electrophoresis applications for viral vaccine analysis. <i>Electrophoresis</i> , 2022, 43, 1068-1090.	2.4	10
4	Four-step approach to efficiently develop capillary gel electrophoresis methods for viral vaccine protein analysis. <i>Electrophoresis</i> , 2021, 42, 10-18.	2.4	17
5	Development and Validation of a CE Method for the Determination of Tetracyclines with Capacitively Coupled Contactless Conductivity Detection. <i>Chromatographia</i> , 2019, 82, 1395-1403.	1.3	13
6	CE-SDS method development, validation, and best practice—An overview. <i>Electrophoresis</i> , 2019, 40, 2361-2374.	2.4	49
7	Implementation of at-line capillary zone electrophoresis for fast and reliable determination of adenovirus concentrations in vaccine manufacturing. <i>Electrophoresis</i> , 2019, 40, 2277-2284.	2.4	11
8	Development of a capillary zone electrophoresis method to quantify <i>E. coli</i> l-asparaginase and its acidic variants. <i>Talanta</i> , 2018, 182, 83-91.	5.5	9
9	A simple, low-cost and robust capillary zone electrophoresis method with capacitively coupled contactless conductivity detection for the routine determination of four selected penicillins in money-constrained laboratories. <i>Electrophoresis</i> , 2018, 39, 2521-2529.	2.4	19
10	Fast, selective and quantitative protein profiling of adenovirus-vector based vaccines by ultra-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2018, 1581-1582, 25-32.	3.7	5
11	Recent advances in the capillary electrophoresis analysis of antibiotics with capacitively coupled contactless conductivity detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 158, 405-415.	2.8	36
12	Method Development and Validation of Capillary Electromigration Methods. , 2018, , 235-267.		4
13	One single, fast and robust capillary electrophoresis method for the direct quantification of intact adenovirus particles in upstream and downstream processing samples. <i>Talanta</i> , 2017, 166, 8-14.	5.5	33
14	Recent advances in capillary electrophoretic migration techniques for pharmaceutical analysis (2013–2015). <i>Electrophoresis</i> , 2016, 37, 1591-1608.	2.4	93
15	CE-C 4 D method development and validation for the assay of ciprofloxacin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 129, 1-8.	2.8	16
16	New capillary gel electrophoresis method for fast and accurate identification and quantification of multiple viral proteins in influenza vaccines. <i>Talanta</i> , 2015, 144, 1030-1035.	5.5	22
17	Recent advances in capillary electrophoretic migration techniques for pharmaceutical analysis. <i>Electrophoresis</i> , 2014, 35, 170-189.	2.4	75
18	6 General considerations to improve performance of CE methods. <i>Separation Science and Technology</i> , 2008, , 123-144.	0.2	3

#	ARTICLE	IF	CITATIONS
19	Method development for the enantiomeric purity determination of low concentrations of adrenaline in local anaesthetic solutions by capillary electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 41, 77-83.	2.8	35
20	Capillary electrophoresis for the analysis of small-molecule pharmaceuticals. <i>Electrophoresis</i> , 2006, 27, 2263-2282.	2.4	88
21	Quantification in capillary electrophoresis-mass spectrometry: Long- and short-term variance components and their compensation using internal standards. <i>Electrophoresis</i> , 2005, 26, 2360-2375.	2.4	31
22	Microemulsion electrokinetic chromatography of drugs varying in charge and hydrophobicity: I. Impact of parameters on separation performance evaluated by multiple linear regression models. <i>Electrophoresis</i> , 2004, 25, 80-93.	2.4	23
23	Migration order of dipeptide and tripeptide enantiomers in the presence of single isomer and randomly sulfated cyclodextrins as a function of pH. <i>Electrophoresis</i> , 2003, 24, 1069-1076.	2.4	48
24	The determination of bromide in a local anaesthetic hydrochloride by capillary electrophoresis using direct UV detection. <i>Journal of Chromatography A</i> , 2002, 977, 265-275.	3.7	20
25	Electroosmotic flow variations caused by the volatility of buffer components: diagnosis and therapy. <i>Journal of Chromatography A</i> , 2002, 979, 97-103.	3.7	5
26	Influence of the amino acid sequence and nature of the cyclodextrin on the separation of small peptide enantiomers by capillary electrophoresis using randomly substituted and single isomer sulfated and sulfonated cyclodextrins. <i>Electrophoresis</i> , 2001, 22, 2416-2423.	2.4	44
27	Enantiomeric separation of alanyl and leucyl dipeptides by capillary electrophoresis with cyclodextrins as chiral selectors. <i>Electrophoresis</i> , 2000, 21, 2397-2404.	2.4	21
28	A chiral capillary electrophoresis method for ropivacaine hydrochloride in pharmaceutical formulations: Validation and comparison with chiral liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1997, 15, 1051-1061.	2.8	37
29	Enantiomeric separation of a tetrapeptide with cyclodextrin extension of the model for chiral capillary electrophoresis by complex formation of one enantiomer molecule with more than one chiral selector molecules. <i>Journal of Chromatography A</i> , 1997, 782, 271-279.	3.7	39
30	Chiral separation of local anaesthetics with capillary electrophoresis. <i>Chromatographia</i> , 1996, 42, 263-268.	1.3	40
31	Validation of a capillary electrophoresis method for the enantiomeric purity testing of ropivacaine, a new local anaesthetic compound. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1996, 14, 295-304.	2.8	42
32	Capillary electrophoresis coupled on-line with flame photometric detection. <i>Journal of Chromatography A</i> , 1994, 673, 299-302.	3.7	14