

Salvatore Fanali

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320 papers	10,926 citations	51 h-index	82 g-index
369 ext. papers	11,605 ext. citations	4 avg, IF	6.63 L-index

#	Paper	IF	Citations
320	Enantioselective determination by capillary electrophoresis with cyclodextrins as chiral selectors. <i>Journal of Chromatography A</i> , 2000 , 875, 89-122	4.5	378
319	Separation of optical isomers by capillary zone electrophoresis based on host-guest complexation with cyclodextrins. <i>Journal of Chromatography A</i> , 1989 , 474, 441-446	4.5	371
318	Identification of chiral drug isomers by capillary electrophoresis. <i>Journal of Chromatography A</i> , 1996 , 735, 77-121	4.5	292
317	Indirect photometric detection in capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 1989 , 470, 299-308	4.5	221
316	Use of cyclodextrins in capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 1991 , 545, 437-444	4.5	217
315	Controlling enantioselectivity in chiral capillary electrophoresis with inclusion-complexation. <i>Journal of Chromatography A</i> , 1997 , 792, 227-67	4.5	215
314	Capillary zone electrophoresis of rare earth metals with indirect UV absorbance detection. <i>Electrophoresis</i> , 1990 , 11, 780-3	3.6	156
313	Enantioseparations by capillary electrochromatography. <i>Electrophoresis</i> , 2001 , 22, 3131-51	3.6	149
312	Enantiomer resolution by using capillary zone electrophoresis: resolution of racemic tryptophan and determination of the enantiomer composition of commercial pharmaceutical epinephrine. <i>Electrophoresis</i> , 1990 , 11, 757-60	3.6	145
311	Use of charged and neutral cyclodextrins in capillary zone electrophoresis: enantiomeric resolution of some 2-hydroxy acids. <i>Journal of Chromatography A</i> , 1993 , 638, 247-253	4.5	139
310	Chiral analysis by capillary electrophoresis using antibiotics as chiral selector. <i>Journal of Chromatography A</i> , 1998 , 807, 37-56	4.5	126
309	Use of negatively charged sulfobutyl ether- β -cyclodextrin for enantiomeric separation by capillary electrophoresis. <i>Journal of Chromatography A</i> , 1995 , 716, 183-196	4.5	124
308	Chiral capillary electrophoresis-electrospray mass spectrometry coupling using vancomycin as chiral selector. <i>Journal of Chromatography A</i> , 1998 , 800, 69-76	4.5	121
307	Chiral separations by CE employing CDs. <i>Electrophoresis</i> , 2009 , 30 Suppl 1, S203-10	3.6	116
306	Use of cyclodextrins in capillary electrophoresis for the chiral resolution of some 2-arylpropionic acid non-steroidal anti-inflammatory drugs. <i>Journal of Chromatography A</i> , 1995 , 694, 297-305	4.5	112
305	Recent applications in nanoliquid chromatography. <i>Journal of Separation Science</i> , 2007 , 30, 1589-610	3.4	107
304	Use of vancomycin silica stationary phase in packed capillary electrochromatography I. Enantiomer separation of basic compounds. <i>Electrophoresis</i> , 2001 , 22, 535-43	3.6	80

303	Recent advancements and future trends in environmental analysis: Sample preparation, liquid chromatography and mass spectrometry. <i>Analytica Chimica Acta</i> , 2017 , 983, 9-41	6.6	78
302	Enantiomeric separation of acidic herbicides by capillary electrophoresis using vancomycin as chiral selector. <i>Journal of Chromatography A</i> , 1997 , 781, 503-513	4.5	77
301	Accelerated solvent extraction and confirmatory analysis of sulfonamide residues in raw meat and infant foods by liquid chromatography electrospray tandem mass spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 4614-24	5.7	76
300	Evaluation of a method based on liquid chromatography-diode array detector-tandem mass spectrometry for a rapid and comprehensive characterization of the fat-soluble vitamin and carotenoid profile of selected plant foods. <i>Journal of Chromatography A</i> , 2011 , 1218, 684-97	4.5	75
299	Capillary zone electrophoresis separations of enantiomers present in complex ionic matrices with on-line isotachophoretic sample pretreatment. <i>Journal of Chromatography A</i> , 1999 , 838, 31-43	4.5	75
298	Simultaneous stereoselective analysis of tramadol and its main phase I metabolites by on-line capillary zone electrophoresis-electrospray ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2000 , 868, 295-303	4.5	74
297	HPLC separation of enantiomers of chiral arylpropionic acid derivatives using polysaccharide-based chiral columns and normal-phase eluents with emphasis on elution order. <i>Journal of Separation Science</i> , 2013 , 36, 140-7	3.4	73
296	Comparative performance of capillary columns made with totally porous and core-shell particles coated with a polysaccharide-based chiral selector in nano-liquid chromatography and capillary electrochromatography. <i>Journal of Chromatography A</i> , 2012 , 1269, 136-42	4.5	73
295	Multi-walled carbon nanotubes-dispersive solid-phase extraction combined with nano-liquid chromatography for the analysis of pesticides in water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 1113-23	4.4	73
294	Use of vancomycin silica stationary phase in packed capillary electrochromatography. II. Enantiomer separation of venlafaxine and O-desmethylenlafaxine in human plasma. <i>Journal of Chromatography A</i> , 2001 , 919, 195-203	4.5	71
293	Simultaneous determination of reduced and oxidized glutathione in peripheral blood mononuclear cells by liquid chromatography-electrospray mass spectrometry. <i>Biomedical Applications</i> , 2001 , 757, 69-78		70
292	Separation of alpha-hydroxy acid enantiomers by high performance capillary electrophoresis using copper(II)-L-amino acid and copper(II)-aspartame complexes as chiral selectors in the background electrolyte. <i>Electrophoresis</i> , 1994 , 15, 864-9	3.6	70
291	Enantiomeric resolution study by capillary electrophoresis. <i>Journal of Chromatography A</i> , 1997 , 772, 185-194	4.5	69
290	Resolution of optical isomers by capillary zone electrophoresis: Study of enantiomeric and diastereoisomeric Co(III) complexes with ethylenediamine and amino acid ligands. <i>Journal of Separation Science</i> , 1989 , 1, 190-194		69
289	Use of cyclodextrins for the enantioselective separation of ergot alkaloids by capillary zone electrophoresis. <i>Electrophoresis</i> , 1992 , 13, 39-43	3.6	66
288	Chiral MEKC-LIF of amino acids in foods: analysis of vinegars. <i>Electrophoresis</i> , 2006 , 27, 2551-7	3.6	65
287	Use of vancomycin as chiral selector in capillary electrophoresis. Optimization and quantitation of loxiglumide enantiomers in pharmaceuticals. <i>Journal of High Resolution Chromatography</i> , 1996 , 19, 322-326		63
286	Food analysis: a continuous challenge for miniaturized separation techniques. <i>Journal of Separation Science</i> , 2009 , 32, 3764-800	3.4	61

285	Enantiomeric separation of fluoxetine and norfluoxetine in plasma and serum samples with high detection sensitivity capillary electrophoresis. <i>Electrophoresis</i> , 1999 , 20, 3432-8	3.6	61
284	Use of Cyclodextrin polymer as a chiral selector in capillary electrophoresis. <i>Journal of Chromatography A</i> , 1994 , 680, 137-146	4.5	61
283	Comprehensive profiling of carotenoids and fat-soluble vitamins in milk from different animal species by LC-DAD-MS/MS hyphenation. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 1628-39	5.7	60
282	Separation of organophosphorus pesticides by using nano-liquid chromatography. <i>Journal of Chromatography A</i> , 2009 , 1216, 3970-6	4.5	60
281	Remediation of hexavalent chromium contaminated water through zero-valent iron nanoparticles and effects on tomato plant growth performance. <i>Scientific Reports</i> , 2020 , 10, 1920	4.9	59
280	Chiral capillary electrophoresis in food analysis. <i>Electrophoresis</i> , 2010 , 31, 2106-14	3.6	59
279	Advanced analytical techniques for fat-soluble vitamin analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 87, 82-97	14.6	57
278	Chiral separations in food analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2013 , 52, 206-225	14.6	56
277	Capillary electrochromatography and capillary electrochromatography-electrospray mass spectrometry for the separation of non-steroidal anti-inflammatory drugs. <i>Journal of Chromatography A</i> , 2000 , 895, 123-32	4.5	55
276	Simultaneous stereoselective analysis of venlafaxine and O-desmethylvenlafaxine enantiomers in clinical samples by capillary electrophoresis using charged cyclodextrins. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2000 , 23, 107-15	3.5	54
275	Capillary zone electrophoretic separation of cyclodextrins with indirect UV photometric detection. <i>Electrophoresis</i> , 1990 , 11, 774-6	3.6	54
274	Capillary zone electrophoresis and mass spectrometry for the characterization of genetic variants of human hemoglobin. <i>Analytical Biochemistry</i> , 1991 , 194, 1-8	3.1	53
273	Enantiomers resolution in capillary zone electrophoresis by using cyclodextrins. <i>Electrophoresis</i> , 1992 , 13, 687-90	3.6	53
272	Chiral separations in food analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 96, 151-171	14.6	52
271	Nano-liquid chromatography analysis of dansylated biogenic amines in wines. <i>Journal of Chromatography A</i> , 2007 , 1147, 192-9	4.5	52
270	Current applications of miniaturized chromatographic and electrophoretic techniques in drug analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 101, 194-220	3.5	51
269	Analysis of mephencytoid, 4-hydroxymephencytoid and 4-hydroxyphenytoin enantiomers in human urine by cyclodextrin micellar electrokinetic capillary chromatography: simple determination of a hydroxylation polymorphism in man. <i>Electrophoresis</i> , 1994 , 15, 87-93	3.6	51
268	Nano-liquid chromatography coupled with mass spectrometry: separation of sulfonamides employing non-porous core-shell particles. <i>Journal of Chromatography A</i> , 2012 , 1255, 277-85	4.5	50

267	Quantitative analysis of synthetic dyes in lipstick by micellar electrokinetic capillary chromatography. <i>Electrophoresis</i> , 1998 , 19, 1478-83	3.6	49
266	Use of vancomycin chiral stationary phase for the enantiomeric resolution of basic and acidic compounds by nano-liquid chromatography. <i>Journal of Chromatography A</i> , 2005 , 1081, 105-13	4.5	49
265	Separation and analysis of glycyrrhizin, 18beta-glycyrrhetic acid and 18alpha-glycyrrhetic acid in liquorice roots by means of capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 2005 , 1081, 65-71	4.5	49
264	Use of methylamino-β-cyclodextrin in capillary electrophoresis. Resolution of acidic and basic enantiomers. <i>Chromatographia</i> , 1996 , 43, 247-253	2.1	49
263	Chiral nano-liquid chromatography-mass spectrometry applied to amino acids analysis for orange juice profiling. <i>Food Chemistry</i> , 2008 , 108, 1114-21	8.5	48
262	Improved separation of diastereomeric derivatives of enantiomers by a physical network of linear polyvinylpyrrolidone applied as pseudophase in capillary zone electrophoresis. <i>Electrophoresis</i> , 1994 , 15, 769-73	3.6	48
261	Capillary electrochromatography in food analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 82, 250-267	4.6	47
260	Nano-liquid chromatography applied to enantiomers separation. <i>Journal of Chromatography A</i> , 2017 , 1486, 20-34	4.5	47
259	Optical isomer separation of flavanones and flavanone glycosides by nano-liquid chromatography using a phenyl-carbamate-propyl-beta-cyclodextrin chiral stationary phase. <i>Journal of Chromatography A</i> , 2010 , 1217, 1175-82	4.5	47
258	On-line CE-MS using pressurized liquid junction nanoflow electrospray interface and surface-coated capillaries. <i>Electrophoresis</i> , 2006 , 27, 4666-73	3.6	47
257	Determination of losartan and hydrochlorothiazide in tablets by CE and CEC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002 , 29, 981-7	3.5	47
256	Effect of content of chiral selector and pore size of core-shell type silica support on the performance of amylose tris(3,5-dimethylphenylcarbamate)-based chiral stationary phases in nano-liquid chromatography and capillary electrochromatography. <i>Journal of Chromatography A</i> , 2014 , 1263, 513-21	4.5	45
255	Use of vancomycin silica stationary phase in packed capillary electrochromatography: III. enantiomeric separation of basic compounds with the polar organic mobile phase. <i>Electrophoresis</i> , 2002 , 23, 477-85	3.6	45
254	Solid-phase extraction followed by high-performance liquid chromatography-ionspray interface-mass spectrometry for monitoring of herbicides in environmental water. <i>Journal of Chromatography A</i> , 2000 , 874, 187-98	4.5	45
253	Simultaneous stereoselective analysis by capillary electrophoresis of tramadol enantiomers and their main phase I metabolites in urine. <i>Journal of Chromatography A</i> , 1999 , 846, 227-37	4.5	45
252	Enantiomeric separation of new cathinone derivatives designer drugs by capillary electrochromatography using a chiral stationary phase, based on amylose tris(5-chloro-2-methylphenylcarbamate). <i>Electrophoresis</i> , 2014 , 35, 3242-9	3.6	44
251	Development and validation of two multiresidue liquid chromatography tandem mass spectrometry methods based on a versatile extraction procedure for isolating non-steroidal anti-inflammatory drugs from bovine milk and muscle tissue. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 404, 1375-88	4.4	44
250	Enantioseparations on amylose tris(5-chloro-2-methylphenylcarbamate) in nano-liquid chromatography and capillary electrochromatography. <i>Journal of Chromatography A</i> , 2010 , 1217, 1166-74	4.5	44

249	Experimental design methodologies to optimize the CE separation of epinephrine enantiomers. <i>Chromatographia</i> , 1998 , 48, 395-401	2.1	44
248	Enantiomeric separation of citalopram and its metabolites by capillary electrophoresis. <i>Electrophoresis</i> , 2003 , 24, 2608-16	3.6	44
247	Enantiomeric separation by capillary electrophoresis using a soluble neutral β -cyclodextrin polymer. <i>Journal of Chromatography A</i> , 1995 , 709, 89-98	4.5	44
246	Enantioseparations with cellulose tris(3-chloro-4-methylphenylcarbamate) in nano-liquid chromatography and capillary electrochromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008 , 875, 296-303	3.2	43
245	HPLC analysis of the novel antipsychotic drug quetiapine in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002 , 30, 969-77	3.5	43
244	Separation of diastereomeric derivatives of enantiomers by capillary zone electrophoresis with a polymer network: Use of polyvinylpyrrolidone as buffer additive. <i>Journal of Chromatography A</i> , 1993 , 639, 375-378	4.5	43
243	Rapid assay of vitamin E in vegetable oils by reversed-phase capillary electrochromatography. <i>Electrophoresis</i> , 2005 , 26, 798-803	3.6	42
242	Atrazine and simazine determination in river water samples by micellar electrokinetic capillary chromatography. <i>Electrophoresis</i> , 1992 , 13, 698-700	3.6	42
241	Stereoselective analysis of herbicides by capillary electrophoresis using sulfobutyl ether beta-cyclodextrin as chiral selector. <i>Electrophoresis</i> , 1997 , 18, 227-34	3.6	41
240	Analysis of hydroquinone and some of its ethers by using capillary electrochromatography. <i>Journal of Chromatography A</i> , 2000 , 887, 489-96	4.5	41
239	Estrogenic compounds determination in water samples by dispersive liquid-liquid microextraction and micellar electrokinetic chromatography coupled to mass spectrometry. <i>Journal of Chromatography A</i> , 2014 , 1344, 109-21	4.5	40
238	Rapid, high performance method for the determination of vitamin K(1), menaquinone-4 and vitamin K(1) 2,3-epoxide in human serum and plasma using liquid chromatography-hybrid quadrupole linear ion trap mass spectrometry. <i>Journal of Chromatography A</i> , 2014 , 1338, 102-10	4.5	40
237	Analysis of phytosterols in extra-virgin olive oil by nano-liquid chromatography. <i>Journal of Chromatography A</i> , 2009 , 1216, 7173-8	4.5	40
236	A rapid HPLC-DAD method for the analysis of fluoxetine and norfluoxetine in plasma from overdose patients. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004 , 36, 351-6	3.5	40
235	Chiral analysis of UV nonabsorbing compounds by capillary electrophoresis using macrocyclic antibiotics: 1. Separation of aspartic and glutamic acid enantiomers. <i>Electrophoresis</i> , 2001 , 22, 2129-35	3.6	40
234	Micellar electrokinetic chromatographic study of hydroquinone and some of its ethers. Determination of hydroquinone in skin-toning cream. <i>Journal of Chromatography A</i> , 1992 , 596, 95-100	4.5	40
233	Enantiomeric separation of amlodipine and its two chiral impurities by nano-liquid chromatography and capillary electrochromatography using a chiral stationary phase based on cellulose tris(4-chloro-3-methylphenylcarbamate). <i>Electrophoresis</i> , 2013 , 34, 2593-600	3.6	39
232	Determination of aloe emodin in Aloe vera extracts and commercial formulations by HPLC with tandem UV absorption and fluorescence detection. <i>Food Chemistry</i> , 2011 , 126, 387-393	8.5	39

231	Analysis of hesperetin enantiomers in human urine after ingestion of blood orange juice by using nano-liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 51, 225-9	3.5	39
230	Separation of basic compounds of pharmaceutical interest by using nano-liquid chromatography coupled with mass spectrometry. <i>Journal of Chromatography A</i> , 2007 , 1150, 252-8	4.5	39
229	Analysis of the second generation antidepressant venlafaxine and its main active metabolite O-desmethylvenlafaxine in human plasma by HPLC with spectrofluorimetric detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 856, 88-94	3.2	39
228	Micellar electrokinetic chromatography for the simultaneous determination of ketorolac tromethamine and its impurities. Multivariate optimization and validation. <i>Journal of Chromatography A</i> , 2004 , 1032, 253-63	4.5	39
227	Improved HPLC determination of fluoxetine and norfluoxetine in human plasma. <i>Chromatographia</i> , 1999 , 50, 423-427	2.1	39
226	Analysis of synthetic cannabinoids in herbal blends by means of nano-liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 71, 45-53	3.5	38
225	Quantitation of chiral amino acids from microalgae by MEKC and LIF detection. <i>Electrophoresis</i> , 2007 , 28, 2701-9	3.6	38
224	Analysis of phenolic compounds in extra virgin olive oil by using reversed-phase capillary electrochromatography. <i>Electrophoresis</i> , 2008 , 29, 1643-50	3.6	37
223	Enantioselective determination of the novel antidepressant mirtazapine and its active demethylated metabolite in human plasma by means of capillary electrophoresis. <i>Journal of Chromatography A</i> , 2004 , 1051, 253-60	4.5	37
222	Evaluation of the combination of a dispersive liquid-liquid microextraction method with micellar electrokinetic chromatography coupled to mass spectrometry for the determination of estrogenic compounds in milk and yogurt. <i>Electrophoresis</i> , 2015 , 36, 615-25	3.6	36
221	An experimental design methodology applied to the enantioseparation of a non-steroidal anti-inflammatory drug candidate. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002 , 29, 989-97	3.5	36
220	Investigation of polar stationary phases for the separation of sympathomimetic drugs with nano-liquid chromatography in hydrophilic interaction liquid chromatography mode. <i>Analytica Chimica Acta</i> , 2011 , 685, 103-10	6.6	35
219	Separation of tocopherols by nano-liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004 , 35, 331-7	3.5	35
218	Enantiomeric separation of acidic compounds of pharmaceutical interest by capillary electrochromatography employing glycopeptide antibiotic stationary phases. <i>Journal of Chromatography A</i> , 2003 , 994, 227-32	4.5	35
217	Ordered mesoporous silica functionalized with β -cyclodextrin derivative for stereoisomer separation of flavanones and flavanone glycosides by nano-liquid chromatography and capillary electrochromatography. <i>Journal of Chromatography A</i> , 2017 , 1490, 166-176	4.5	34
216	Analysis of polyphenols and methylxanthines in tea samples by means of nano-liquid chromatography utilizing capillary columns packed with core-shell particles. <i>Journal of Chromatography A</i> , 2012 , 1234, 38-44	4.5	34
215	Analysis of Aloe-based phytotherapeutic products by using nano-LC-MS. <i>Journal of Separation Science</i> , 2010 , 33, 2663-70	3.4	34
214	Highly sensitive chiral analysis in on-line combined chiral and achiral media by capillary zone electrophoresis. <i>Electrophoresis</i> , 1995 , 16, 968-73	3.6	34

213	An overview to nano-scale analytical techniques: Nano-liquid chromatography and capillary electrochromatography. <i>Electrophoresis</i> , 2017 , 38, 1822-1829	3.6	33
212	Some thoughts about enantioseparations in capillary electrophoresis. <i>Electrophoresis</i> , 2019 , 40, 2420-2437	3.6	33
211	Evaluation of novel amylose and cellulose-based chiral stationary phases for the stereoisomer separation of flavanones by means of nano-liquid chromatography. <i>Analytica Chimica Acta</i> , 2012 , 738, 85-94	6.6	33
210	Enantiomeric resolution by capillary zone electrophoresis: Use of pepsin for separation of chiral compounds of pharmaceutical interest. <i>Journal of Separation Science</i> , 1997 , 9, 9-14		33
209	HPLC Separation of Enantiomers of Some Flavanone Derivatives Using Polysaccharide-Based Chiral Selectors Covalently Immobilized on Silica. <i>Chromatographia</i> , 2016 , 79, 119-124	2.1	32
208	Coupling capillary electrochromatography with mass spectrometry by using a liquid-junction nano-spray interface. <i>Journal of Chromatography A</i> , 2010 , 1217, 4079-86	4.5	31
207	Analysis of aromatic and terpenic constituents of pepper extracts by capillary electrochromatography. <i>Journal of Separation Science</i> , 2007 , 30, 612-9	3.4	31
206	Separation of Enantiomers by On-Line Capillary Isotachophoresis-Capillary Zone Electrophoresis. <i>Journal of High Resolution Chromatography</i> , 2000 , 23, 531-538		31
205	Separation and identification of etodolac and its urinary phase I metabolites using capillary electrochromatography and on-line capillary electrochromatography-electrospray ionisation mass spectrometry coupling. <i>Journal of Chromatography A</i> , 2000 , 887, 393-407	4.5	31
204	Separation of diastereomers by capillary zone electrophoresis in free solution with polymer additive and organic solvent component Effect of pH and solvent composition. <i>Journal of Chromatography A</i> , 1996 , 719, 411-420	4.5	31
203	Fast-liquid chromatography using columns of different internal diameters packed with sub-2 μ m silica particles. <i>Journal of Chromatography A</i> , 2012 , 1228, 213-20	4.5	30
202	C18 silica packed capillary columns with monolithic frits prepared with UV light emitting diode: usefulness in nano-liquid chromatography and capillary electrochromatography. <i>Journal of Chromatography A</i> , 2012 , 1232, 176-82	4.5	30
201	Advances in the enantioseparation of β -blocker drugs by capillary electromigration techniques. <i>Electrophoresis</i> , 2011 , 32, 2602-28	3.6	30
200	Systematic approach to cost- and time-effective method development with a starter kit for chiral separations by capillary electrophoresis. <i>Journal of Chromatography A</i> , 1997 , 782, 257-269	4.5	30
199	Some Separations of Black and Red Water-Soluble Fiber-Tip Pen Inks by Capillary Zone Electrophoresis and Thin-Layer Chromatography. <i>Journal of Forensic Sciences</i> , 1991 , 36, 1313-51	1.8	30
198	Accurate analysis of ginkgolides and their hydrolyzed metabolites by analytical supercritical fluid chromatography hybrid tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2015 , 1388, 251-8	4.5	29
197	Enantiomers separation by nano-liquid chromatography: use of a novel sub-2 μ m vancomycin silica hydride stationary phase. <i>Journal of Chromatography A</i> , 2015 , 1381, 149-59	4.5	29
196	System peaks in capillary zone electrophoresis: II. Experimental study of vacancy peaks. <i>Journal of Chromatography A</i> , 1997 , 772, 81-89	4.5	29

195	Reversed-phase capillary electrochromatography for the simultaneous determination of acetylsalicylic acid, paracetamol, and caffeine in analgesic tablets. <i>Electrophoresis</i> , 2004 , 25, 615-21	3.6	29
194	Separation of tryptophan-derivative enantiomers with iron-free human serum transferrin by capillary zone electrophoresis. <i>Electrophoresis</i> , 1995 , 16, 1510-8	3.6	29
193	Use of cyclodextrins in capillary zone electrophoresis for the separation of optical isomers: Resolution of racemic tryptophan derivatives. <i>Chirality</i> , 1992 , 4, 56-61	2.1	29
192	CEC-ESI ion trap MS of multiple drugs of abuse. <i>Electrophoresis</i> , 2010 , 31, 1256-63	3.6	28
191	Enantiomeric separation of mirtazapine and its metabolites by nano-liquid chromatography with UV-absorption and mass spectrometric detection. <i>Journal of Separation Science</i> , 2005 , 28, 1719-28	3.4	28
190	Cyclodextrin-based sorbents for solid phase extraction. <i>Journal of Chromatography A</i> , 2020 , 1609, 460654.5	4.5	28
189	Enantioselective separation of the novel antidepressant mirtazapine and its main metabolites by CEC. <i>Electrophoresis</i> , 2007 , 28, 2717-25	3.6	27
188	Separation of five recently commercialized selective serotonin reuptake inhibitor antidepressants by capillary electrophoresis. <i>Journal of Separation Science</i> , 2002 , 25, 1096-1100	3.4	27
187	Use of vancomycin silica stationary phase in packed capillary electrochromatography. Part IV: Enantiomer separation of fluoxetine and norfluoxetine employing UV high sensitivity detection cell. <i>Journal of Separation Science</i> , 2002 , 25, 1291-1296	3.4	27
186	Quality control of benserazide-levodopa and carbidopa-levodopa tablets by capillary zone electrophoresis. <i>Electrophoresis</i> , 2000 , 21, 2432-7	3.6	27
185	Investigation of the in vitro biotransformation of R-(+)-thalidomide by HPLC, nano-HPLC, CEC and HPLC-APCI-MS. <i>Biomedical Applications</i> , 1999 , 723, 255-64		27
184	Separation of Diastereomers by Capillary Zone Electrophoresis with Polymer Additives: Effect of Polymer Type and Chain Length. <i>Analytical Chemistry</i> , 1995 , 67, 3866-3870	7.8	27
183	Dielectric behaviour of the 2-methoxyethanol/1,2-dimethoxyethane solvent system. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1992 , 88, 2003-2006		27
182	Selectivity of the separation of DNA fragments by capillary zone electrophoresis in low-melting-point agarose sol. <i>Journal of Chromatography A</i> , 1993 , 638, 283-292	4.5	27
181	Analysis of Enantiomers in Products of Food Interest. <i>Molecules</i> , 2019 , 24,	4.8	26
180	A strategy for screening antioxidants in Ginkgo biloba extract by comprehensive two-dimensional ultra high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2015 , 1422, 147-154	4.5	26
179	Enantioseparation of Chiral Antimycotic Drugs by HPLC with Polysaccharide-Based Chiral Columns and Polar Organic Mobile Phases with Emphasis on Enantiomer Elution Order. <i>Chromatographia</i> , 2013 , 76, 1449-1458	2.1	26
178	Analysis of drugs of forensic interest with capillary zone electrophoresis/time-of-flight mass spectrometry based on the use of non-volatile buffers. <i>Electrophoresis</i> , 2012 , 33, 599-606	3.6	26

177	Optimization of a pressurized liquid junction nanoelectrospray interface between CE and MS for reliable proteomic analysis. <i>Electrophoresis</i> , 2007 , 28, 1964-9	3.6	26
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