

Andrei R Timerbaev

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/119342/publications.pdf>

Version: 2024-02-01

125
papers

4,734
citations

94269

37
h-index

114278

63
g-index

126
all docs

126
docs citations

126
times ranked

3622
citing authors

#	ARTICLE	IF	CITATIONS
1	Interactions of Antitumor Metallodrugs with Serum Proteins: Advances in Characterization Using Modern Analytical Methodology. <i>Chemical Reviews</i> , 2006, 106, 2224-2248.	23.0	570
2	Structure-Activity Relationships for NAMI-A-type Complexes (HL) [trans-RuCl ₄ (S-dmsoruthenate(III)] (L = Imidazole, Indazole, 1,2,4-Triazole, 4-Amino-1,2,4-triazole, and 1-Methyl-1,2,4-triazole): Aqueation, Redox Properties, Protein Binding, and Antiproliferative Activity. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 2185-2193.	2.9	206
3	Platinum metallodrug-protein binding studies by capillary electrophoresis-inductively coupled plasma-mass spectrometry: Characterization of interactions between Pt(II) complexes and human serum albumin. <i>Electrophoresis</i> , 2004, 25, 1988-1995.	1.3	125
4	Capillary electrophoresis: the state-of-the-art in metal speciation studies. <i>Analytica Chimica Acta</i> , 1998, 359, 1-26.	2.6	122
5	Recent advances of transient isotachopheresis-capillary electrophoresis in the analysis of small ions from high-conductivity matrices. <i>Electrophoresis</i> , 2006, 27, 323-340.	1.3	120
6	Advances in developing tris(8-quinolinolato)gallium(III) as an anticancer drug: critical appraisal and prospects. <i>Metallomics</i> , 2009, 1, 193.	1.0	107
7	Preclinical characterization of anticancer gallium(III) complexes: Solubility, stability, lipophilicity and binding to serum proteins. <i>Journal of Inorganic Biochemistry</i> , 2006, 100, 1819-1826.	1.5	100
8	Platinum group metallodrug-protein binding studies by capillary electrophoresis-inductively coupled plasma-mass spectrometry: A further insight into the reactivity of a novel antitumor ruthenium(III) complex toward human serum proteins. <i>Electrophoresis</i> , 2006, 27, 1128-1135.	1.3	100
9	Element speciation analysis by capillary electrophoresis. <i>Talanta</i> , 2000, 52, 573-606.	2.9	99
10	Determination of trace iodide in seawater by capillary electrophoresis following transient isotachopheretic preconcentration. <i>Analytica Chimica Acta</i> , 2003, 497, 67-74.	2.6	92
11	Metal ion capillary electrophoresis with direct UV detection effect of a charged surfactant on the migration behaviour of metal chelates. <i>Journal of Chromatography A</i> , 1994, 671, 419-427.	1.8	89
12	Element Speciation Analysis Using Capillary Electrophoresis: Twenty Years of Development and Applications. <i>Chemical Reviews</i> , 2013, 113, 778-812.	23.0	87
13	Comparative binding of antitumor indazolium [trans-tetrachlorobis(1H-indazole)ruthenate(III)] to serum transport proteins assayed by capillary zone electrophoresis. <i>Analytical Biochemistry</i> , 2005, 341, 326-333.	1.1	85
14	Determination of binding constants and stoichiometries for platinum anticancer drugs and serum transport proteins by capillary electrophoresis using the Hummel-Dreyer method. <i>Journal of Separation Science</i> , 2005, 28, 121-127.	1.3	80
15	Recent advances and trends in capillary electrophoresis of inorganic ions. <i>Electrophoresis</i> , 2002, 23, 3884-3906.	1.3	73
16	Capillary electrophoresis of inorganic ions: An update. <i>Electrophoresis</i> , 2004, 25, 4008-4031.	1.3	71
17	Recent progress in capillary electrophoresis of metal ions. <i>Electrophoresis</i> , 2000, 21, 4179-4191.	1.3	68
18	Prospects for detection and sensitivity enhancement of inorganic ions in capillary electrophoresis. <i>Journal of Chromatography A</i> , 1999, 834, 117-132.	1.8	67

#	ARTICLE	IF	CITATIONS
19	Speciation studies by capillary electrophoresis ? simultaneous determination of iodide and iodate in seawater. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 1836-1841.	1.9	65
20	Determination of cisplatin and its hydrolytic metabolite in human serum by capillary electrophoresis techniques. <i>Journal of Chromatography A</i> , 2006, 1106, 75-79.	1.8	62
21	Another Approach Toward over 100â€‰%000-Fold Sensitivity Increase in Capillary Electrophoresis: Electrokinetic Supercharging with Optimized Sample Injection. <i>Analytical Chemistry</i> , 2011, 83, 398-401.	3.2	57
22	Inorganic environmental analysis by capillary electrophoresis. <i>Analyst, The</i> , 1999, 124, 811-826.	1.7	56
23	Capillary electrophoresis in anti-cancer metallodrug research: Advances and future challenges. <i>Electrophoresis</i> , 2003, 24, 2023-2037.	1.3	55
24	Speciation of metal-based nanomaterials in human serum characterized by capillary electrophoresis coupled to ICP-MS: a case study of gold nanoparticles. <i>Metallomics</i> , 2015, 7, 1364-1370.	1.0	55
25	Capillary electrophoresis of platinum-group elements. <i>Journal of Chromatography A</i> , 2002, 945, 25-44.	1.8	54
26	Capillary electrophoresis coupled to mass spectrometry for biospeciation analysis: critical evaluation. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 416-425.	5.8	52
27	Simultaneous monitoring of inorganic cations, amines and amino acids in human sweat by capillary electrophoresis. <i>Analytica Chimica Acta</i> , 2007, 581, 83-88.	2.6	50
28	Trace ion analysis of seawater by capillary electrophoresis: Determination of iodide using transient isotachophoretic preconcentration. <i>Electrophoresis</i> , 2003, 24, 2328-2334.	1.3	49
29	Metallodrug research and analysis using capillary electrophoresis. <i>TrAC - Trends in Analytical Chemistry</i> , 2006, 25, 868-875.	5.8	46
30	Probing the stability of serum proteinâ€™ruthenium(III) drug adducts in the presence of extracellular reductants using CE. <i>Electrophoresis</i> , 2007, 28, 2235-2240.	1.3	46
31	Recent progress in the application of analytical techniques to anticancer metallodrug proteomics. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 1120-1138.	5.8	46
32	Application of capillary electrophoresisâ€™inductively coupled plasma mass spectrometry to comparative studying of the reactivity of antitumor ruthenium(III) complexes differing in the nature of counter-ion toward human serum proteins. <i>Journal of Chromatography A</i> , 2008, 1192, 323-326.	1.8	44
33	Interactions of a novel ruthenium-based anticancer drug (KP1019 or FFC14a) with serum proteins ? significance for the patient. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2005, 43, 583-585.	0.3	44
34	Analysis of highly saline samples by capillary zone electrophoresis: enhanced direct UV detection of inorganic anions using on-capillary preconcentration and clean-up techniques. <i>Journal of Chromatography A</i> , 2000, 888, 309-319.	1.8	43
35	High-sensitivity capillary and microchip electrophoresis using electrokinetic supercharging preconcentration. <i>Journal of Chromatography A</i> , 2009, 1216, 660-670.	1.8	38
36	Advances of CE-ICP-MS in speciation analysis related to metalloproteomics of anticancer drugs. <i>Talanta</i> , 2012, 102, 164-170.	2.9	38

#	ARTICLE	IF	CITATIONS
37	Tumor-inhibiting platinum(II) complexes with aminoalcohol ligands: Comparison of the mode of action by capillary electrophoresis and electrospray ionization-mass spectrometry. <i>Electrophoresis</i> , 2003, 24, 2038-2044.	1.3	37
38	Metallomics for drug development: an integrated CE-ICP-MS and ICP-MS approach reveals the speciation changes for an investigational ruthenium(III) drug bound to holo-transferrin in simulated cancer cytosol. <i>Metallomics</i> , 2013, 5, 955.	1.0	37
39	Inorganic analysis of biological fluids using capillary electrophoresis. <i>Journal of Separation Science</i> , 2008, 31, 2012-2021.	1.3	36
40	Sensitive determination of anions in saliva using capillary electrophoresis after transient isotachophoretic preconcentration. <i>Talanta</i> , 2008, 77, 278-281.	2.9	36
41	Recent progress of ICP-MS in the development of metal-based drugs and diagnostic agents. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 1058-1072.	1.6	36
42	Simultaneous determination of metal ions, amino acids, and other small biogenic molecules in human serum by capillary zone electrophoresis with transient isotachophoretic preconcentration. <i>Journal of Separation Science</i> , 2005, 28, 522-528.	1.3	34
43	Interactions of tumour-targeting nanoparticles with proteins: potential of using capillary electrophoresis as a direct probe. <i>Metallomics</i> , 2012, 4, 1141.	1.0	34
44	Characterization of interactions between human serum albumin and tumor-inhibiting amino alcohol platinum(II) complexes using capillary electrophoresis. <i>Journal of Chromatography A</i> , 2007, 1155, 218-221.	1.8	33
45	Inorganic biological analysis by capillary electrophoresis. <i>Analyst</i> , 2001, 126, 964-981.	1.7	31
46	High-sensitivity capillary electrophoresis determination of inorganic anions in serum and urine using on-line preconcentration by transient isotachophoresis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 811, 165-170.	1.2	31
47	Sensitive monitoring of iodine species in sea water using capillary electrophoresis: vertical profiles of dissolved iodine in the Pacific Ocean. <i>Journal of Environmental Monitoring</i> , 2005, 7, 804.	2.1	31
48	Analysis of inorganic pollutants by capillary electrophoresis. <i>Electrophoresis</i> , 1997, 18, 185-195.	1.3	30
49	Trace ion analysis of sea water by capillary electrophoresis: determination of strontium and lithium pre-concentrated by transient isotachophoresis. <i>Analyst</i> , 2003, 128, 1439.	1.7	29
50	Electrokinetic supercharging with a system-induced terminator and an optimized capillary versus electrode configuration for parts-per-trillion detection of rare earth elements in CZE. <i>Electrophoresis</i> , 2011, 32, 1195-1200.	1.3	29
51	Characterization of the protein corona of gold nanoparticles by an advanced treatment of CE-ICP-MS data. <i>Electrophoresis</i> , 2016, 37, 2257-2259.	1.3	29
52	Enhancing the Cytotoxic Activity of Anticancer Pt(IV) Complexes by Introduction of Lonidamine as an Axial Ligand. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1785-1791.	1.0	29
53	Analytical methodology for studying cellular uptake, processing and localization of gold nanoparticles. <i>Analytica Chimica Acta</i> , 2019, 1052, 1-9.	2.6	28
54	Metallomics for drug development: a further insight into intracellular activation chemistry of a ruthenium(III)-based anticancer drug gained using a multidimensional analytical approach. <i>Metallomics</i> , 2014, 6, 147-153.	1.0	26

#	ARTICLE	IF	CITATIONS
55	Inductively coupled plasma mass spectrometry for metallodrug development: Albumin binding and serum distribution of cytotoxic cis- and trans-isomeric platinum(II) complexes. <i>Journal of Inorganic Biochemistry</i> , 2014, 137, 40-45.	1.5	26
56	Role of metallomic strategies in developing ruthenium anticancer drugs. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 80, 547-554.	5.8	26
57	Element speciation analysis by capillary electrophoresis: what are the hints on becoming a standard analytical methodology?. <i>Analytica Chimica Acta</i> , 2001, 433, 165-180.	2.6	25
58	Tumour-inhibiting platinum(ii) complexes with aminoalcohol ligands: biologically important transformations studied by micellar electrokinetic chromatography, nuclear magnetic resonance spectroscopy and mass spectrometry. <i>Analyst, The</i> , 2005, 130, 1383.	1.7	23
59	Sensitive profiling of biogenic amines in urine using CE with transient isotachophoretic preconcentration. <i>Journal of Separation Science</i> , 2009, 32, 4143-4147.	1.3	23
60	Inorganic species analysis by CE – An overview for 2007–2008. <i>Electrophoresis</i> , 2010, 31, 192-204.	1.3	23
61	High-sensitivity capillary electrophoresis determination of inorganic anions in serum and urine using on-line preconcentration by transient isotachopheresis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 811, 165-170.	1.2	23
62	Investigations into the catalytic activity of rhodium(III) in redox reactions by capillary zone electrophoresis. <i>Talanta</i> , 2003, 61, 195-202.	2.9	22
63	Development of quantitative structure–activity relationships for interpretation of the migration behavior of neutral platinum(II) complexes in microemulsion electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2007, 1146, 258-263.	1.8	22
64	Capillary electrophoresis of metal-based drugs. <i>Analytical Biochemistry</i> , 2007, 369, 1-7.	1.1	22
65	A versatile approach for assaying in vitro metallodrug metabolism using CE hyphenated with ICP-MS. <i>Analyst, The</i> , 2009, 134, 1999.	1.7	22
66	Determination of gallium originated from a gallium-based anticancer drug in human urine using ICP-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 709-714.	1.9	22
67	Comparison of detection techniques for capillary electrophoresis analysis of gold nanoparticles. <i>Electrophoresis</i> , 2015, 36, 1158-1163.	1.3	22
68	Characterization of interactions of metal-containing nanoparticles with biomolecules by CE: An update (2012–2016). <i>Electrophoresis</i> , 2017, 38, 1661-1668.	1.3	22
69	Recent trends in CE of inorganic ions: From individual to multiple elemental species analysis. <i>Electrophoresis</i> , 2007, 28, 3420-3435.	1.3	21
70	CE of inorganic species – A review of methodological advancements over 2009–2010. <i>Electrophoresis</i> , 2012, 33, 196-210.	1.3	21
71	Recent progress of capillary electrophoresis in studying the speciation of actinides. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 51, 44-50.	5.8	21
72	CE Separation and ICP-MS Detection of Gold Nanoparticles and Their Protein Conjugates. <i>Chromatographia</i> , 2017, 80, 1695-1700.	0.7	21

#	ARTICLE	IF	CITATIONS
73	Migration behavior of metal complexes in capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 2002, 943, 263-274.	1.8	20
74	Analytical Approaches for Assaying Metallodrugs in Biological Samples: Recent Methodological Developments and Future Trends. <i>Current Drug Metabolism</i> , 2012, 13, 272-283.	0.7	20
75	Separation of inorganic anions for analysis of sea-water by capillary zone electrophoresis. <i>Analytical Communications</i> , 1999, 36, 139-141.	2.2	19
76	Analysis of seawater and different highly saline natural waters by capillary zone electrophoresis. <i>Marine Chemistry</i> , 2003, 82, 221-238.	0.9	19
77	The fate of differently functionalized gold nanorods in human serum: A response from capillary electrophoresis-inductively coupled plasma mass spectrometry. <i>Journal of Chromatography A</i> , 2017, 1499, 222-225.	1.8	19
78	Metal speciation analysis of petroleum: Myth or reality?. <i>Analytica Chimica Acta</i> , 2017, 991, 1-8.	2.6	19
79	Toward high-throughput monitoring of metallodrug-protein interaction using capillary electrophoresis in chemically modified capillaries. <i>Analytical Biochemistry</i> , 2008, 379, 216-218.	1.1	18
80	Focusing of anionic micelles using sample-induced transient isotachopheresis: Computer simulation and experimental verification in MEKC. <i>Journal of Separation Science</i> , 2010, 33, 637-642.	1.3	18
81	Application of micellar and microemulsion electrokinetic chromatography for characterization of gallium(III) complexes of pharmaceutical significance. <i>Journal of Separation Science</i> , 2007, 30, 399-406.	1.3	17
82	A quantitative structure-activity approach for lipophilicity estimation of antitumor complexes of different metals using microemulsion electrokinetic chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 55, 409-413.	1.4	17
83	Combination of ICP-MS, capillary electrophoresis, and their hyphenation for probing Ru(III) metallodrug-DNA interactions. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 2421-2427.	1.9	17
84	Quantitative structure-mobility relationship modelling of electrokinetic chromatography of metal complexes: Approaches and limitations. <i>Electrophoresis</i> , 2002, 23, 1786.	1.3	16
85	Metall(prote)omic studies by capillary electrophoresis using separation capillary as an in-line reactor. <i>Metallomics</i> , 2011, 3, 761.	1.0	16
86	Application of ICP-MS to the development of metal-based drugs and diagnostic agents: where do we stand?. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 254-266.	1.6	16
87	Cellular processing of gold nanoparticles: CE-ICP-MS evidence for the speciation changes in human cytosol. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 1151-1156.	1.9	15
88	Current trends and challenges in analysis and characterization of engineered nanoparticles in seawater. <i>Talanta</i> , 2021, 226, 122201.	2.9	15
89	Metallomics for drug development: Serum protein binding and analysis of an anticancer tris(8-quinolinolato)gallium(III) drug using inductively coupled plasma mass spectrometry. <i>Analytica Chimica Acta</i> , 2013, 785, 22-26.	2.6	14
90	A sensitive and versatile method for characterization of protein-mediated transformations of quantum dots. <i>Analyst</i> , 2016, 141, 2574-2580.	1.7	14

#	ARTICLE	IF	CITATIONS
91	An improved protocol for ICP-MS-based assessment of the cellular uptake of metal-based nanoparticles. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 174, 300-304.	1.4	14
92	An advanced application of the quantitative structure–activity relationship concept in electrokinetic chromatography of metal complexes. <i>Electrophoresis</i> , 2008, 29, 827-834.	1.3	13
93	Capillary electrophoretic assay for the stability of tris(8-quinolinolato)gallium(III) in tablet formulations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 218-222.	1.4	13
94	Molecular mass spectrometry in metallodrug development: A case of mapping transferrin-mediated transformations for a ruthenium(III) anticancer drug. <i>Analytica Chimica Acta</i> , 2014, 851, 72-77.	2.6	13
95	A shotgun metalloproteomic approach enables identification of proteins involved in the speciation of a ruthenium anticancer drug in the cytosol of cancer cells. <i>Analyst</i> , The, 2015, 140, 3492-3499.	1.7	13
96	A simple assay for probing transformations of superparamagnetic iron oxide nanoparticles in human serum. <i>Chemical Communications</i> , 2019, 55, 4270-4272.	2.2	13
97	Capillary zone electrophoresis of quantum dots dispersed in mixed micelles: New evidence of the concentration effect. <i>Journal of Chromatography A</i> , 2013, 1305, 320-327.	1.8	12
98	Inorganic analysis using <sc>CE</sc>: <sc>A</sc>dvanced methodologies to face old challenges. <i>Electrophoresis</i> , 2014, 35, 225-233.	1.3	12
99	High-resolution ICP-MS approach for characterization of magnetic nanoparticles for biomedical applications. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 189, 113479.	1.4	12
100	Magnetic nanoparticles for highly robust, facile and efficient loading of metal-based drugs. <i>Journal of Inorganic Biochemistry</i> , 2022, 227, 111685.	1.5	12
101	Development and Validation of a Sector-Field Inductively Coupled Plasma – Mass Spectrometry (ICP-MS) Method for Analyzing the Diagenesis-Designating Metals in Marine Sediments. <i>Analytical Letters</i> , 2020, 53, 563-573.	1.0	11
102	How well can we characterize human serum transformations of magnetic nanoparticles?. <i>Analyst</i> , The, 2020, 145, 1103-1109.	1.7	11
103	Correlation analysis in liquid chromatography of metal chelates. <i>Journal of Chromatography A</i> , 1990, 498, 337-348.	1.8	10
104	Specific analyte–electrolyte additive interaction in transient isotachopheresis–capillary electrophoresis. <i>Journal of Chromatography A</i> , 2003, 993, 205-209.	1.8	10
105	Toward a deeper and simpler understanding of serum protein-mediated transformations of magnetic nanoparticles by ICP-MS. <i>Talanta</i> , 2021, 229, 122287.	2.9	9
106	Marine sediment analysis – A review of advanced approaches and practices focused on contaminants. <i>Analytica Chimica Acta</i> , 2022, 1209, 339640.	2.6	9
107	Can neutral analytes be concentrated by transient isotachopheresis in micellar electrokinetic chromatography and how much?. <i>Journal of Chromatography A</i> , 2014, 1345, 212-218.	1.8	8
108	Use of high-performance liquid chromatography–tandem electrospray ionization mass spectrometry to assess the speciation of a ruthenium(III) anticancer drug in the cytosol of cancer cells. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 4857-4862.	1.9	8

#	ARTICLE	IF	CITATIONS
109	What are the current analytical approaches for sediment analysis related to the study of diagenesis? Highlights from 2010 to 2018. <i>Talanta</i> , 2019, 191, 435-442.	2.9	8
110	How Feasible is Direct Determination of Rare Earth Elements in Seawater by ICP-MS?. <i>Analytical Sciences</i> , 2021, 37, 1633-1636.	0.8	8
111	Correlation analysis in liquid chromatography of metal chelates. <i>Journal of Chromatography A</i> , 1993, 648, 307-314.	1.8	7
112	Quantification of the diagenesis-designating metals in sediments by ICP-MS: Comparison of different sample preparation methods. <i>Talanta</i> , 2019, 200, 468-471.	2.9	7
113	Analytical methodology for determination of interactions between metallodrugs and DNA: A critical examination. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 90, 107-113.	5.8	6
114	Characterization of quantum dots in cancer cytosol using ICP-MS-based combined techniques. <i>Analytical Biochemistry</i> , 2019, 584, 113387.	1.1	6
115	Recent developments of capillary electrophoresis in seawater analysis. <i>Journal of Chromatography A</i> , 2019, 1606, 360240.	1.8	6
116	An ICP-MS-based assay for characterization of gold nanoparticles with potential biomedical use. <i>Analytical Biochemistry</i> , 2020, 611, 114003.	1.1	6
117	Combination of electrophoresis, chromatography, and magnetism in a single separation technique: Part 1: a first theoretical evaluation. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2018, 41, 43-48.	0.5	4
118	Complex samples: how well do we understand their complexity?. <i>Talanta</i> , 2000, 52, 1171-1173.	2.9	3
119	Improved Sampling Design for Depth Profile Analysis of Marine Sediments Using Sector-Field Inductively Coupled Plasma Mass Spectrometry (SF-ICP-MS). <i>Analytical Letters</i> , 2021, 54, 442-452.	1.0	3
120	Metal-Specific Response of High-Resolution ICP-MS for Proteins Binding to Gold Nanoparticles in Human Serum. <i>Analytical Chemistry</i> , 2021, 93, 14918-14922.	3.2	3
121	Protein-Mediated Transformations of Superparamagnetic Nanoparticles Evidenced by Single-Particle Inductively Coupled Plasma Tandem Mass Spectrometry: A Disaggregation Phenomenon. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1088.	1.8	3
122	Separation technique based on electrophoresis, chromatography and magnetism phenomena: the migration time and peak broadening. <i>Mendeleev Communications</i> , 2019, 29, 595-596.	0.6	2
123	Current and emerging mass spectrometry methods for the preclinical development of metal-based drugs: a critical appraisal. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 95-102.	1.9	2
124	Versatile analytical methodology for evaluation of drug-like properties of potentially multi-targeting anticancer metallodrugs. <i>Analytical Sciences</i> , 2022, 38, 627-632.	0.8	2
125	Analytical methodology for developing nanomaterials designed for magnetically-guided delivery of platinum anticancer drugs. <i>Talanta</i> , 2022, 243, 123371.	2.9	2