

Henrik Jensen

List of Publications by Year in descending order

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140
papers

5,198
citations

70961

41
h-index

106150

65
g-index

141
all docs

141
docs citations

141
times ranked

5002
citing authors

#	ARTICLE	IF	CITATIONS
1	XPS and FTIR investigation of the surface properties of different prepared titania nano-powders. Applied Surface Science, 2005, 246, 239-249.	3.1	275
2	Microfluidic systems in proteomics. Electrophoresis, 2003, 24, 3533-3562.	1.3	250
3	Intra-articular depot formulation principles: Role in the management of postoperative pain and arthritic disorders. Journal of Pharmaceutical Sciences, 2008, 97, 4622-4654.	1.6	244
4	Protein Adsorption at Charged Surfaces: The Role of Electrostatic Interactions and Interfacial Charge Regulation. Langmuir, 2011, 27, 2634-2643.	1.6	205
5	On-chip electro membrane extraction. Microfluidics and Nanofluidics, 2010, 9, 881-888.	1.0	121
6	Formation and Cleavage of Aromatic Disulfide Radical Anions. Journal of the American Chemical Society, 2003, 125, 14905-14916.	6.6	103
7	Characterization of nanosized partly crystalline photocatalysts. Journal of Nanoparticle Research, 2004, 6, 519-526.	0.8	103
8	Application of a new kinetic method in the investigation of cleavage reactions of haloaromatic radical anions. Perkin Transactions II RSC, 2001, , 1620-1630.	1.1	93
9	On-Chip Electro Membrane Extraction with Online Ultraviolet and Mass Spectrometric Detection. Analytical Chemistry, 2011, 83, 44-51.	3.2	93
10	On-chip protein sample desalting and preparation for direct coupling with electrospray ionization mass spectrometry. Journal of Chromatography A, 2003, 1003, 11-19.	1.8	89
11	Surface properties and photocatalytic activity of nanocrystalline titania films. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 200, 192-200.	2.0	85
12	Kinetic aspects of hollow fiber liquid-phase microextraction and electromembrane extraction. Analytica Chimica Acta, 2012, 742, 10-16.	2.6	83
13	Role of <i>in vitro</i> release models in formulation development and quality control of parenteral depots. Expert Opinion on Drug Delivery, 2009, 6, 1283-1295.	2.4	80
14	Evidence for Large Inner Reorganization Energies in the Reduction of Diaryl Disulfides: A Toward a Mechanistic Link between Concerted and Stepwise Dissociative Electron Transfers?. Journal of the American Chemical Society, 1999, 121, 1750-1751.	6.6	79
15	Simultaneous Evaluation of Ligand Binding Properties and Protein Size by Electrophoresis and Taylor Dispersion in Capillaries. Analytical Chemistry, 2009, 81, 8644-8648.	3.2	76
16	Drop-to-drop microextraction across a supported liquid membrane by an electrical field under stagnant conditions. Journal of Chromatography A, 2009, 1216, 1496-1502.	1.8	75
17	Development of a flat membrane based device for electromembrane extraction: A new approach for exhaustive extraction of basic drugs from human plasma. Journal of Chromatography A, 2014, 1326, 7-12.	1.8	74
18	On-chip electromembrane extraction for monitoring drug metabolism in real time by electrospray ionization mass spectrometry. Analyst, The, 2012, 137, 3321.	1.7	72

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19	Real-Time UV Imaging of Nicotine Release from Transdermal Patch. <i>Pharmaceutical Research</i> , 2010, 27, 2614-2623.	1.7	71
20	Real-time UV imaging of drug diffusion and release from Pluronic F127 hydrogels. <i>European Journal of Pharmaceutical Sciences</i> , 2011, 43, 236-243.	1.9	70
21	In Situ High-Energy Synchrotron Radiation Study of Sol-Gel Nanoparticle Formation in Supercritical Fluids. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1113-1116.	7.2	69
22	Electromembrane extraction: Distribution or electrophoresis?. <i>Electrophoresis</i> , 2013, 34, 792-799.	1.3	63
23	Liquid-phase microextraction in a microfluidic-chip – High enrichment and sample clean-up from small sample volumes based on three-phase extraction. <i>Analytica Chimica Acta</i> , 2012, 735, 46-53.	2.6	61
24	Selective electromembrane extraction at low voltages based on analyte polarity and charge. <i>Journal of Chromatography A</i> , 2012, 1248, 48-54.	1.8	60
25	Insulin diffusion and self-association characterized by real-time UV imaging and Taylor dispersion analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 92, 203-210.	1.4	56
26	Potential-driven peptide extractions across supported liquid membranes: Investigation of principal operational parameters. <i>Journal of Separation Science</i> , 2010, 33, 1665-1672.	1.3	55
27	Nano-electromembrane extraction. <i>Analytica Chimica Acta</i> , 2013, 785, 60-66.	2.6	55
28	Cyclic voltammetry of highly hydrophilic ions at a supported liquid membrane. <i>Journal of Electroanalytical Chemistry</i> , 2002, 530, 10-15.	1.9	54
29	Flow Induced Dispersion Analysis Quantifies Noncovalent Interactions in Nanoliter Samples. <i>Journal of the American Chemical Society</i> , 2010, 132, 4070-4071.	6.6	54
30	Measurement of drug diffusivities in pharmaceutical solvents using Taylor dispersion analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 61, 176-183.	1.4	53
31	Generation of mass tags by the inherent electrochemistry of electrospray for protein mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2004, 15, 1767-1779.	1.2	50
32	Organization and Reactivity of Nanoparticles at Molecular Interfaces. Part I. Photoelectrochemical Responses Involving TiO ₂ Nanoparticles Assembled at Polarizable Water 1,2-Dichloroethane Junctions. <i>Journal of Physical Chemistry B</i> , 2002, 106, 10908-10914.	1.2	49
33	Reactor design for in situ X-ray scattering studies of nanoparticle formation in supercritical water syntheses. <i>Journal of Supercritical Fluids</i> , 2008, 44, 385-390.	1.6	48
34	Photoinduced Electron Transfer at Liquid Liquid Interfaces. Part IV. Orientation and Reactivity of Zinc Tetra(4-carboxyphenyl) Porphyrin Self-Assembled at the Water 1,2-Dichloroethane Junction. <i>Journal of the American Chemical Society</i> , 2000, 122, 10943-10948.	6.6	47
35	Implementation of droplet-membrane-droplet liquid-phase microextraction under stagnant conditions for lab-on-a-chip applications. <i>Analytica Chimica Acta</i> , 2010, 658, 133-140.	2.6	47
36	Interfacial Complexes between a Protein and Lipophilic Ions at an Oil-Water Interface. <i>Analytical Chemistry</i> , 2010, 82, 7699-7705.	3.2	47

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37	Monitoring lidocaine single-crystal dissolution by ultraviolet imaging. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 3405-3410.	1.6	45
38	Physicochemical characterization of a PEGylated liposomal drug formulation using capillary electrophoresis. <i>Electrophoresis</i> , 2011, 32, 738-748.	1.3	45
39	Integration of a membrane-based desalting step in a microfabricated disposable polymer injector for mass spectrometric protein analysis. <i>Electrophoresis</i> , 2002, 23, 3583-3588.	1.3	43
40	In situ characterization of lipidic bupivacaine-loaded formulations. <i>Soft Matter</i> , 2011, 7, 8291.	1.2	43
41	Comprehensive study of buffer systems and local pH effects in electromembrane extraction. <i>Analytica Chimica Acta</i> , 2017, 984, 116-123.	2.6	43
42	Water-oil partition profiling of ionized drug molecules using cyclic voltammetry and a 96-well microfilter plate system. <i>Pharmaceutical Research</i> , 2003, 20, 1317-1322.	1.7	42
43	Stepwise versus Concerted Electron Transfer-Bond Fragmentation in the Reduction of Phenyl Triphenylmethyl Sulfides. <i>Journal of Physical Chemistry A</i> , 1999, 103, 4141-4143.	1.1	40
44	Protein adsorption in static microsystems: effect of the surface to volume ratio. <i>Lab on A Chip</i> , 2005, 5, 254.	3.1	40
45	Exhaustive and stable electromembrane extraction of acidic drugs from human plasma. <i>Journal of Chromatography A</i> , 2015, 1425, 81-87.	1.8	40
46	On the Nature of Solvent Effects on Redox Properties. <i>Journal of Physical Chemistry A</i> , 2004, 108, 4805-4811.	1.1	39
47	Mass transfer in electromembrane extraction – The link between theory and experiments. <i>Journal of Separation Science</i> , 2016, 39, 188-197.	1.3	39
48	Limits in Size of Taylor Dispersion Analysis: Representation of the Different Hydrodynamic Regimes and Application to the Size-Characterization of Cubosomes. <i>Analytical Chemistry</i> , 2017, 89, 13487-13493.	3.2	39
49	Mechanistic Aspects of On-Line Electrochemical Tagging of Free L-Cysteine Residues during Electrospray Ionisation for Mass Spectrometry in Protein Analysis. <i>ChemPhysChem</i> , 2003, 4, 200-206.	1.0	38
50	Simultaneous UV Imaging and Raman Spectroscopy for the Measurement of Solvent-Mediated Phase Transformations During Dissolution Testing. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 1149-1156.	1.6	38
51	Dynamic protein adsorption in microchannels by “stop-flow” and continuous flow. <i>Lab on A Chip</i> , 2005, 5, 1096.	3.1	37
52	Real-time UV imaging of piroxicam diffusion and distribution from oil solutions into gels mimicking the subcutaneous matrix. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 46, 72-78.	1.9	37
53	Contact Galvani potential differences at liquid-liquid interfaces. <i>Journal of Electroanalytical Chemistry</i> , 2003, 546, 1-13.	1.9	31
54	On-line cysteine modification for protein analysis: new probes for electrochemical tagging nanospray mass spectrometry. <i>Journal of Electroanalytical Chemistry</i> , 2004, 570, 187-199.	1.9	31

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55	A New Approach to Dissolution Testing by UV Imaging and Finite Element Simulations. <i>Pharmaceutical Research</i> , 2013, 30, 1328-1337.	1.7	31
56	Passive Conductivity Detection for Capillary Electrophoresis. <i>Analytical Chemistry</i> , 2004, 76, 3126-3131.	3.2	30
57	Pre-equilibrium capillary zone electrophoresis or frontal analysis: Advantages of plateau peak conditions in affinity capillary electrophoresis. <i>Electrophoresis</i> , 2005, 26, 4050-4054.	1.3	30
58	Drug release into hydrogel-based subcutaneous surrogates studied by UV imaging. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 71, 27-34.	1.4	30
59	In vitro release studies of insulin from lipid implants in solution and in a hydrogel matrix mimicking the subcutis. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 81, 103-112.	1.9	30
60	Mechanistic aspects associated with the oxidation of l-ascorbic acid at the 1,2-dichloroethane/water interface. <i>Journal of Electroanalytical Chemistry</i> , 2001, 510, 43-49.	1.9	29
61	Polyelectrolyte-modified short microchannel for cation separation. <i>Electrophoresis</i> , 2004, 25, 931-935.	1.3	28
62	A flexible sample introduction method for polymer microfluidic chips using a push/pull pressure pump. <i>Lab on A Chip</i> , 2004, 4, 512.	3.1	28
63	Salt effects in electromembrane extraction. <i>Journal of Chromatography A</i> , 2014, 1347, 1-7.	1.8	28
64	Two-phase photocatalysis mediated by electrochemically generated Pd nanoparticles. <i>Electrochemistry Communications</i> , 2000, 2, 230-234.	2.3	27
65	Hydro-voltaic cells. <i>Journal of Electroanalytical Chemistry</i> , 2003, 545, 1-6.	1.9	27
66	Use of correction factors in mobility shift affinity capillary electrophoresis for weak analyte-ligand interactions. <i>Journal of Separation Science</i> , 2009, 32, 1712-1721.	1.3	27
67	Capillary flow experiments for thermodynamic and kinetic characterization of protein liquid-liquid phase separation. <i>Nature Communications</i> , 2021, 12, 7289.	5.8	27
68	CE frontal analysis based on simultaneous UV and contactless conductivity detection: A general setup for studying noncovalent interactions. <i>Electrophoresis</i> , 2007, 28, 322-327.	1.3	26
69	Solvent Effects on the Reduction Mechanism of 9-Chloroanthracene, 3-Nitrobenzyl Chloride and 3-Chloroacetophenone.. <i>Acta Chemica Scandinavica</i> , 1998, 52, 1151-1164.	0.7	26
70	Numerical Investigation of an Electrochemically Induced Tagging in a Nanospray for Protein Analysis. <i>Analytical Chemistry</i> , 2003, 75, 2065-2074.	3.2	25
71	Contact Galvani potential differences at liquid-liquid interfaces. <i>Journal of Electroanalytical Chemistry</i> , 2002, 537, 77-84.	1.9	23
72	Photoinduced electron transfer at liquid/liquid interfaces. Part V. Organisation of water-soluble chlorophyll at the water/1,2-dichloroethane interface. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 2503-2508.	1.3	22

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73	Organisation and Reactivity of Nanoparticles at Molecular Interfaces. Part II. Dye Sensitisation of TiO ₂ Nanoparticles Assembled at the Water 1,2-Dichloroethane Interface. <i>ChemPhysChem</i> , 2003, 4, 85-89.	1.0	22
74	Flow induced dispersion analysis rapidly quantifies proteins in human plasma samples. <i>Analyst</i> , The, 2015, 140, 4365-4369.	1.7	22
75	Concomitant monitoring of implant formation and drug release of in situ forming poly (lactide-co-glycolide acid) implants in a hydrogel matrix mimicking the subcutis using UV-vis imaging. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 150, 95-106.	1.4	22
76	Electromembrane Extraction of Unconjugated Fluorescein Isothiocyanate from Solutions of Labeled Proteins Prior to Flow Induced Dispersion Analysis. <i>Analytical Chemistry</i> , 2019, 91, 6702-6708.	3.2	22
77	Drug-liposome distribution phenomena studied by capillary electrophoresis-frontal analysis. <i>Electrophoresis</i> , 2008, 29, 3320-3324.	1.3	21
78	Real-time UV imaging identifies the role of pH in insulin dissolution behavior in hydrogel-based subcutaneous tissue surrogate. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 69, 26-36.	1.9	21
79	Studies on human insulin adsorption kinetics at an organic-aqueous interface determined using a label-free electroanalytical approach. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008, 63, 243-248.	2.5	20
80	Finite Element Simulation of Pinched Pressure-Driven Flow Injection in Microchannels. <i>Analytical Chemistry</i> , 2002, 74, 6205-6215.	3.2	19
81	Photoinduced electron transfer at liquid liquid interfaces. Part VII. Correlation between self-organisation and structure of water-soluble photoactive species. <i>Journal of Electroanalytical Chemistry</i> , 2003, 560, 143-149.	1.9	18
82	Phase separation of in situ forming poly (lactide-co-glycolide acid) implants investigated using a hydrogel-based subcutaneous tissue surrogate and UV-vis imaging. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 145, 682-691.	1.4	18
83	Flow-Induced Dispersion Analysis (FIDA) for Protein Quantification and Characterization. <i>Methods in Molecular Biology</i> , 2019, 1972, 109-123.	0.4	18
84	Microfluidics and the quantification of biomolecular interactions. <i>Current Opinion in Structural Biology</i> , 2021, 70, 8-15.	2.6	18
85	An in vitro gel-based system for characterizing and predicting the long-term performance of PLGA in situ forming implants. <i>International Journal of Pharmaceutics</i> , 2021, 609, 121183.	2.6	18
86	Complexation of tauro- and glyco-conjugated bile salts with β -cyclodextrin and hydroxypropyl- β -cyclodextrin studied by affinity capillary electrophoresis and molecular modelling. <i>Journal of Separation Science</i> , 2011, 34, 3221-3230.	1.3	17
87	Formation of Dielectric Layers and Charge Regulation in Protein Adsorption at Biomimetic Interfaces. <i>Langmuir</i> , 2012, 28, 1804-1815.	1.6	17
88	Determination of stability constants of tauro- and glyco-conjugated bile salts with the negatively charged sulfobutylether- β -cyclodextrin: comparison of affinity capillary electrophoresis and isothermal titration calorimetry and thermodynamic analysis of the interaction. <i>Journal of Inclusion Phenomena and Macroscopic Chemistry</i> , 2014, 78, 185-194.	0.9	17
89	Development and characterization of a small electromembrane extraction probe coupled with mass spectrometry for real-time and online monitoring of in vitro drug metabolism. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 421-429.	1.9	17
90	Impact of ion balance in electromembrane extraction. <i>Analytica Chimica Acta</i> , 2020, 1124, 129-136.	2.6	17

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91	Electromembrane Extraction Using Sacrificial Electrodes. <i>Analytical Chemistry</i> , 2020, 92, 5595-5603.	3.2	17
92	Molecular Interactions in Lipophilic Environments Studied by Electrochemistry at Interfaces between Immiscible Electrolyte Solutions. <i>Analytical Chemistry</i> , 2008, 80, 203-208.	3.2	15
93	In vitro release from oil injectables for intra-articular administration: Importance of interfacial area, diffusivity and partitioning. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 45, 351-357.	1.9	15
94	Flow-Induced Dispersion Analysis for Probing Anti-dsDNA Antibody Binding Heterogeneity in Systemic Lupus Erythematosus Patients: Toward a New Approach for Diagnosis and Patient Stratification. <i>Analytical Chemistry</i> , 2016, 88, 9056-9061.	3.2	15
95	Role of Electrostatic Interactions on the Transport of Druglike Molecules in Hydrogel-Based Articular Cartilage Mimics: Implications for Drug Delivery. <i>Molecular Pharmaceutics</i> , 2016, 13, 819-828.	2.3	15
96	UV-vis Imaging of Piroxicam Supersaturation, Precipitation, and Dissolution in a Flow-Through Setup. <i>Analytical Chemistry</i> , 2018, 90, 6413-6418.	3.2	15
97	Microenvironmental pH measurement during sodium naproxenate dissolution in acidic medium by UV-vis imaging. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 100, 290-293.	1.4	14
98	Real Time Extraction Kinetics of Electro Membrane Extraction Verified by Comparing Drug Metabolism Profiles Obtained from a Flow Electro Membrane Extraction-Mass Spectrometry System with LC-MS. <i>Analytical Chemistry</i> , 2015, 87, 5774-5781.	3.2	14
99	Initial Leuprolide Acetate Release from Poly(D,L-lactide-co-glycolide) <i>in Situ</i> Forming Implants as Studied by Ultraviolet-Visible Imaging. <i>Molecular Pharmaceutics</i> , 2020, 17, 4522-4532.	2.3	14
100	Complexation between low-molecular-weight cationic ligands and negatively charged polymers as studied by capillary electrophoresis frontal analysis. <i>Electrophoresis</i> , 2004, 25, 3168-3175.	1.3	13
101	Performance characteristics of UV imaging instrumentation for diffusion, dissolution and release testing studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 131, 113-123.	1.4	13
102	High-Throughput Fabrication of Nanocomplexes Using 3D-Printed Micromixers. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 835-842.	1.6	13
103	Hydrovoltaic cells. Part II: Thermogalvanic cells and numerical simulations of thermal diffusion potentials. <i>Journal of Electroanalytical Chemistry</i> , 2004, 565, 65-75.	1.9	12
104	Low Temperature Synthesis of Metal Oxides by a Supercritical Seed Enhanced Crystallization (SSEC) Process. <i>Industrial & Engineering Chemistry Research</i> , 2006, 45, 3348-3353.	1.8	12
105	Effect of β -Cyclodextrin on Drug Distribution Studied by Electrochemistry at Interfaces between Immiscible Electrolyte Solutions. <i>Journal of Physical Chemistry B</i> , 2009, 113, 7263-7269.	1.2	12
106	Continuous electromembrane extraction coupled with mass spectrometry – Perspectives and challenges. <i>Analytica Chimica Acta</i> , 2018, 999, 27-36.	2.6	12
107	Electromembrane extraction with solvent modification of the acceptor solution: improved mass transfer of drugs of abuse from human plasma. <i>Bioanalysis</i> , 2019, 11, 755-771.	0.6	12
108	Future of microfluidics in research and in the market. , 2019, , 425-465.		12

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109	Towards in vitro in vivo correlation for modified release subcutaneously administered insulins. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 145, 105239.	1.9	12
110	Co-solvent effects on the indirect reduction of alkyl and benzyl halides: experimental evidence of a link between electron transfer and S _N 1-like processes. <i>Perkin Transactions II RSC</i> , 2000, , 1251-1258.	1.1	11
111	Affinity capillary electrophoresis method for investigation of bile salts complexation with sulfolbutyl ether β -cyclodextrin. <i>Journal of Separation Science</i> , 2012, 35, 2764-2772.	1.3	11
112	Interaction of Amino Acid and Dipeptide β -Naphthylamide Derivatives with Hyaluronic Acid and Human Serum Albumin Studied by Capillary Electrophoresis Frontal Analysis. <i>Chromatographia</i> , 2013, 76, 49-57.	0.7	11
113	Fully Automated Electro Membrane Extraction Autosampler for LC-MS Systems Allowing Soft Extractions for High-Throughput Applications. <i>Analytical Chemistry</i> , 2016, 88, 6797-6804.	3.2	11
114	Size-based characterization of adalimumab and TNF α interactions using flow induced dispersion analysis: assessment of avidity-stabilized multiple bound species. <i>Scientific Reports</i> , 2021, 11, 4754.	1.6	11
115	Versatile Flow-Injection Amperometric Ion Detector Based on an Interface between Two Immiscible Electrolyte Solutions: Numerical and Experimental Characterization. <i>Analytical Chemistry</i> , 2011, 83, 7388-7393.	3.2	10
116	Direct coupling of a flow β flow electromembrane extraction probe to LC-MS. <i>Analytica Chimica Acta</i> , 2016, 905, 93-99.	2.6	10
117	Automated coating procedures to produce poly(ethylene glycol) brushes in fused β silica capillaries. <i>Journal of Separation Science</i> , 2017, 40, 779-788.	1.3	10
118	Protein Characterization in 3D: Size, Folding, and Functional Assessment in a Unified Approach. <i>Analytical Chemistry</i> , 2019, 91, 4975-4979.	3.2	10
119	In-Solution IgG Titer Determination in Fermentation Broth Using Affibodies and Flow-Induced Dispersion Analysis. <i>ACS Omega</i> , 2020, 5, 10519-10524.	1.6	10
120	Salt removal during Off-Gel β electrophoresis of protein samples. <i>Electrophoresis</i> , 2005, 26, 1650-1658.	1.3	9
121	CE frontal analysis employing contactless conductivity detection for determination of CMCs of non β UV absorbing charged surfactants. <i>Electrophoresis</i> , 2007, 28, 2975-2980.	1.3	8
122	Real-life Field Studies of the NO _x Removing Properties of Photocatalytic Surfaces in Roskilde and Copenhagen Airport, Denmark. <i>Journal of Photocatalysis</i> , 2021, 2, 71-81.	0.4	8
123	Two-phase bipolar electrografting. <i>Electrochimica Acta</i> , 2019, 317, 61-69.	2.6	7
124	Characterization of DNA β protein complexes by nanoparticle tracking analysis and their association with systemic lupus erythematosus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	7
125	On-Chip Electromembrane Extraction for Monitoring Drug Metabolism in Real Time by Electrospray Ionization Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2015, 1274, 171-182.	0.4	7
126	Towards functional characterization of excipients for oral solid dosage forms using UV β vis imaging. Liberation, release and dissolution. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 194, 113789.	1.4	6

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127	Activation parameters for the competing electron transfer and SN2 pathways of the reaction of anthracene radical anion with cyclopropylmethyl bromide. <i>Perkin Transactions II RSC</i> , 2002, , 1423.	1.1	5
128	Electromembrane extraction of sodium dodecyl sulfate from highly concentrated solutions. <i>Analyst</i> , 2020, 145, 4957-4963.	1.7	4
129	Removing NOx Pollution by Photocatalytic Building Materials in Real- Life: Evaluation of Existing Field Studies. <i>Journal of Photocatalysis</i> , 2021, 2, 84-96.	0.4	4
130	Numerical simulation of two-phase partition chromatography in microchannels for moderated logP measurements. <i>Journal of Chromatography A</i> , 2005, 1063, 89-97.	1.8	3
131	Influence of acidâ€base dissociation equilibria during electromembrane extraction. <i>Journal of Separation Science</i> , 2020, 43, 3120-3128.	1.3	3
132	Medication Tracking: Design and Fabrication of a Dry Powder Inhaler with Integrated Acoustic Element by 3D Printing. <i>Pharmaceutical Research</i> , 2020, 37, 38.	1.7	2
133	Binding of Low-Molecular-Weight Cationic Ligands to Chondroitin Sulfate as Studied by Capillary Electrophoresis Frontal Analysis. <i>The Open Analytical Chemistry Journal</i> , 2009, 3, 16-21.	2.0	2
134	Separation of Peptides with Forward Osmosis Biomimetic Membranes. <i>Membranes</i> , 2016, 6, 46.	1.4	1
135	Separation of Peptides and Interaction with Forward Osmosis Biomimetic Membranes: A Solution Diffusion Model. <i>Biophysical Journal</i> , 2016, 110, 505a.	0.2	1
136	Assessment of immunogenicity and drug activity in patient sera by flow-induced dispersion analysis. <i>Scientific Reports</i> , 2022, 12, 4670.	1.6	1
137	A capillary-based microfluidic device incorporating optical fibers for flow induced dispersion analysis. , 2013, , .		0
138	Capillary-Based Techniques for Physical-Chemical Characterization of Drug Substances and Drug Delivery Systems. <i>Advances in Delivery Science and Technology</i> , 2016, , 439-465.	0.4	0
139	Catalysis and Photocatalysis at Polarized Molecular Interfaces. , 2002, , .		0
140	Quantification of Structural Integrity and Stability Using Nanograms of Protein by Flow-Induced Dispersion Analysis. <i>Molecules</i> , 2022, 27, 2506.	1.7	0