

Eiichi Yamamoto

List of Publications by Year in descending order

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33
papers

528
citations

623734

14
h-index

677142

22
g-index

34
all docs

34
docs citations

34
times ranked

477
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensitive determination of aspirin and its metabolites in plasma by LC-UV using on-line solid-phase extraction with methylcellulose-immobilized anion-exchange restricted access media. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 846, 132-138.	2.3	54
2	Methylcellulose-immobilized Reversed-phase Precolumn for Direct Analysis of Drugs in Plasma by HPLC. <i>Analytical Sciences</i> , 2001, 17, 1155-1159.	1.6	42
3	Direct, simultaneous measurement of liposome-encapsulated and released drugs in plasma by on-line SPE-SPE-HPLC. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 3620-3625.	2.3	40
4	Direct analysis of drugs in plasma by column-switching liquid chromatography-mass spectrometry using a methylcellulose-immobilized reversed-phase pretreatment column. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 792, 49-54.	2.3	35
5	Novel methylcellulose-immobilized cation-exchange precolumn for on-line enrichment of cationic drugs in plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 807, 327-334.	2.3	30
6	Rapid determination of the encapsulation efficiency of a liposome formulation using column-switching HPLC. <i>International Journal of Pharmaceutics</i> , 2013, 441, 67-74.	5.2	29
7	Development of Liposomal Anticancer Drugs. <i>Biological and Pharmaceutical Bulletin</i> , 2013, 36, 703-707.	1.4	27
8	A simple and rapid measurement method of encapsulation efficiency of doxorubicin loaded liposomes by direct injection of the liposomal suspension to liquid chromatography. <i>International Journal of Pharmaceutics</i> , 2018, 536, 21-28.	5.2	23
9	High performance liquid chromatography analysis of 100-nm liposomal nanoparticles using polymer-coated, silica monolithic columns with aqueous mobile phase. <i>Journal of Chromatography A</i> , 2017, 1484, 34-40.	3.7	22
10	Temperature-Dependent Formation of N-Nitrosodimethylamine during the Storage of Ranitidine Reagent Powders and Tablets. <i>Chemical and Pharmaceutical Bulletin</i> , 2020, 68, 1008-1012.	1.3	22
11	Weak cation-exchange restricted-access material for on-line purification of basic drugs in plasma. <i>Journal of Chromatography A</i> , 2008, 1190, 8-13.	3.7	19
12	On-line pretreatment using methylcellulose-immobilized cation-exchange restricted access media for direct liquid chromatography/mass spectrometric determination of basic drugs in plasma. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 2827-2832.	1.5	17
13	Rapid Analysis of DOXIL Stability and Drug Release from DOXIL by HPLC Using a Glycidyl Methacrylate-Coated Monolithic Column. <i>Chemical and Pharmaceutical Bulletin</i> , 2017, 65, 945-949.	1.3	17
14	Effective on-line extraction of drugs from plasma using a restricted-access media column in column-switching HPLC equipped with a dilution system: Application to the simultaneous determination of ER-118585 and its metabolites in canine plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 49, 1250-1255.	2.8	15
15	Selective determination of potential impurities in an active pharmaceutical ingredient using HPLC-SPE-HPLC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 84, 41-47.	2.8	15
16	Simultaneous Measurement System for an Adsorbed Substance on a Glass Slab Optical Waveguide and a Dissolved Substance in Liquid-Phase by Visible Absorption Spectrometry. <i>Analytical Sciences</i> , 1995, 11, 161-164.	1.6	14
17	Application of partially fluorinated carboxylic acids as ion-pairing reagents in LC/ESI-MS. <i>Talanta</i> , 2014, 127, 219-224.	5.5	14
18	Isolation of N-nitrosodimethylamine from drug substances using solid-phase extraction-liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 210, 114561.	2.8	14

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19	<i><i>Nitrosodimethylamine (NDMA) Formation from Ranitidine Impurities: Possible Root Causes of the Presence of NDMA in Ranitidine Hydrochloride. Chemical and Pharmaceutical Bulletin, 2021, 69, 872-876. <td>1.3</td> <td>12</td>	1.3	12
20	Visualizing the spatial localization of ciclesonide and its metabolites in rat lungs after inhalation of 1-1/4m aerosol of ciclesonide by desorption electrospray ionization-time of flight mass spectrometry imaging. International Journal of Pharmaceutics, 2021, 595, 120241.	5.2	11
21	Reliable on-line sample preparation of basic compounds from plasma using a reversed phase restricted access media in column-switching LC. Journal of Pharmaceutical and Biomedical Analysis, 2006, 42, 587-592.	2.8	8
22	Effect of Nanoparticle Surface on the HPLC Elution Profile of Liposomal Nanoparticles. Pharmaceutical Research, 2016, 33, 1440-1446.	3.5	8
23	Discrimination of ranitidine hydrochloride crystals using X-ray micro-computed tomography for the evaluation of three-dimensional spatial distribution in solid dosage forms. International Journal of Pharmaceutics, 2021, 605, 120834.	5.2	8
24	Effective on-line purification for cationic compounds in rat bile using a column-switching LC technique. Journal of Pharmaceutical and Biomedical Analysis, 2006, 40, 345-352.	2.8	6
25	A Simple and Easy Method of Monitoring Doxorubicin Release from a Liposomal Drug Formulation in the Serum Using Fluorescence Spectroscopy. Chemical and Pharmaceutical Bulletin, 2019, 67, 367-371.	1.3	5
26	Simulation of Stimuli-Responsive and Stoichiometrically Controlled Release Rate of Doxorubicin from Liposomes in Tumor Interstitial Fluid. Pharmaceutical Research, 2018, 35, 103.	3.5	4
27	A simple and rapid method to simultaneously analyze ciclesonide and its impurities in a ciclesonide metered-dose inhaler using on-line supercritical fluid extraction/supercritical fluid chromatography/quadrupole time-of-flight mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2021, 204, 114253.	2.8	3
28	Evaluation of Drug Sorption on Laboratory Materials with Abraham Solvation Parameters of Drugs and its Prevention. Pharmaceutical Research, 2021, 38, 2167-2177.	3.5	3
29	Selective retention of basic compounds by metal aquo-ion affinity chromatography. Journal of Separation Science, 2014, 37, 2641-2651.	2.5	2
30	Trimethylammonium modification of a polymer-coated monolith column for rapid and simultaneous analysis of nanomedicines. Journal of Chromatography A, 2020, 1617, 460826.	3.7	2
31	A method for purifying nanoparticles using cationic modified monoliths and aqueous elution. Journal of Chromatography A, 2022, 1664, 462802.	3.7	2
32	Enrichment of liposomal nanomedicines using monolithic solid phase extraction discs following preactivation with bivalent metal ion solutions. Journal of Chromatography A, 2018, 1564, 224-227.	3.7	1
33	A new method to visualize the internal morphology of crude drugs using high-resolution X-ray computed tomography. Biological and Pharmaceutical Bulletin, 2022, , .	1.4	1