

# Eiichi Yamamoto

## List of Publications by Year in descending order

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33  
papers

528  
citations

623188

14  
h-index

676716

22  
g-index

34  
all docs

34  
docs citations

34  
times ranked

477  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.4	14
2	A method for purifying nanoparticles using cationic modified monoliths and aqueous elution. <i>Journal of Chromatography A</i> , 2022, 1664, 462802.	1.8	2
3	A new method to visualize the internal morphology of crude drugs using high-resolution X-ray computed tomography. <i>Biological and Pharmaceutical Bulletin</i> , 2022, , .	0.6	1
4	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. <i>International Journal of Pharmaceutics</i> , 2021, 595, 120241.	2.6	11
5	Discrimination of ranitidine hydrochloride crystals using X-ray micro-computed tomography for the evaluation of three-dimensional spatial distribution in solid dosage forms. <i>International Journal of Pharmaceutics</i> , 2021, 605, 120834.	2.6	8
6	&lt;i>i>&lt;/i>-Nitrosodimethylamine (NDMA) Formation from Ranitidine Impurities: Possible Root Causes of the Presence of NDMA in Ranitidine Hydrochloride. <i>Chemical and Pharmaceutical Bulletin</i> , 2021, 69, 872-876.	0.6	12
7	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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 204, 114253.	1.4	3
8	Evaluation of Drug Sorption on Laboratory Materials with Abraham Solvation Parameters of Drugs and its Prevention. <i>Pharmaceutical Research</i> , 2021, 38, 2167-2177.	1.7	3
9	Trimethylammonium modification of a polymer-coated monolith column for rapid and simultaneous analysis of nanomedicines. <i>Journal of Chromatography A</i> , 2020, 1617, 460826.	1.8	2
10	Temperature-Dependent Formation of &lt;i>i>&lt;/i>-Nitrosodimethylamine during the Storage of Ranitidine Reagent Powders and Tablets. <i>Chemical and Pharmaceutical Bulletin</i> , 2020, 68, 1008-1012.	0.6	22
11	A Simple and Easy Method of Monitoring Doxorubicin Release from a Liposomal Drug Formulation in the Serum Using Fluorescence Spectroscopy. <i>Chemical and Pharmaceutical Bulletin</i> , 2019, 67, 367-371.	0.6	5
12	Simulation of Stimuli-Responsive and Stoichiometrically Controlled Release Rate of Doxorubicin from Liposomes in Tumor Interstitial Fluid. <i>Pharmaceutical Research</i> , 2018, 35, 103.	1.7	4
13	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.	2.6	23
14	Enrichment of liposomal nanomedicines using monolithic solid phase extraction discs following preactivation with bivalent metal ion solutions. <i>Journal of Chromatography A</i> , 2018, 1564, 224-227.	1.8	1
15	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.	1.8	22
16	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.	0.6	17
17	Effect of Nanoparticle Surface on the HPLC Elution Profile of Liposomal Nanoparticles. <i>Pharmaceutical Research</i> , 2016, 33, 1440-1446.	1.7	8
18	Application of partially fluorinated carboxylic acids as ion-pairing reagents in LC/ESI-MS. <i>Talanta</i> , 2014, 127, 219-224.	2.9	14

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19	Selective retention of basic compounds by metal aquo-ion affinity chromatography. <i>Journal of Separation Science</i> , 2014, 37, 2641-2651.	1.3	2
20	Rapid determination of the encapsulation efficiency of a liposome formulation using column-switching HPLC. <i>International Journal of Pharmaceutics</i> , 2013, 441, 67-74.	2.6	29
21	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.	1.4	15
22	Development of Liposomal Anticancer Drugs. <i>Biological and Pharmaceutical Bulletin</i> , 2013, 36, 703-707.	0.6	27
23	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.	1.2	40
24	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.	1.4	15
25	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.	1.8	19
26	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.	1.2	54
27	Effective on-line purification for cationic compounds in rat bile using a column-switching LC technique. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 40, 345-352.	1.4	6
28	Reliable on-line sample preparation of basic compounds from plasma using a reversed phase restricted access media in column-switching LC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 42, 587-592.	1.4	8
29	On-line pretreatment HPLC 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.	0.7	17
30	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.	1.2	30
31	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.	1.2	35
32	Methylcellulose-immobilized Reversed-phase Precolumn for Direct Analysis of Drugs in Plasma by HPLC. <i>Analytical Sciences</i> , 2001, 17, 1155-1159.	0.8	42
33	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.	0.8	14