

Jrg Huwyler

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

238
papers

9,370
citations

48
h-index

89
g-index

253
ext. papers

10,628
ext. citations

5.7
avg, IF

6.4
L-index

#	Paper	IF	Citations
238	Zebrafish (<i>Danio rerio</i>) larva as an in vivo vertebrate model to study renal function.. <i>American Journal of Physiology - Renal Physiology</i> , 2022 ,	4.3	6
237	In vivo acoustic manipulation of microparticles in zebrafish embryos.. <i>Science Advances</i> , 2022 , 8, eabm2785	14.3	4
236	Comparative hard x-ray tomography for virtual histology of zebrafish larva, human tooth cementum, and porcine nerve.. <i>Journal of Medical Imaging</i> , 2022 , 9, 031507	2.6	1
235	Incorporation of phosphatidylserine improves efficiency of lipid based gene delivery systems.. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2022 , 172, 134-143	5.7	0
234	Low-Volume Aseptic Filling Using a Linear Peristaltic Pump. <i>PDA Journal of Pharmaceutical Science and Technology</i> , 2021 , 75, 245-257	0.6	0
233	Stability of monoclonal antibodies after simulated subcutaneous administration. <i>Journal of Pharmaceutical Sciences</i> , 2021 , 110, 2386-2394	3.9	3
232	Virus-Derived Peptides for Hepatic Enzyme Delivery. <i>Molecular Pharmaceutics</i> , 2021 , 18, 2004-2014	5.6	1
231	Assessing Particle Formation of Biotherapeutics in Biological Fluids. <i>Journal of Pharmaceutical Sciences</i> , 2021 , 110, 1527-1532	3.9	2
230	Development of Covalent Chitosan-Polyethylenimine Derivatives as Gene Delivery Vehicle: Synthesis, Characterization, and Evaluation. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
229	Buprenorphine loaded PLGA microparticles: Characterization of a sustained-release formulation. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 63, 102558	4.5	1
228	Non-viral gene delivery of the oncotoxic protein NS1 for treatment of hepatocellular carcinoma. <i>Journal of Controlled Release</i> , 2021 , 334, 138-152	11.7	1
227	Challenges for Cell-Based Medicinal Products From a Pharmaceutical Product Perspective. <i>Journal of Pharmaceutical Sciences</i> , 2021 , 110, 1900-1908	3.9	3
226	Metamizole is a Moderate Cytochrome P450 Inducer Via the Constitutive Androstane Receptor and a Weak Inhibitor of CYP1A2. <i>Clinical Pharmacology and Therapeutics</i> , 2021 , 109, 1505-1516	6.1	0
225	4-Hydroxynonenal is An Oxidative Degradation Product of Polysorbate 80. <i>Journal of Pharmaceutical Sciences</i> , 2021 , 110, 2524-2530	3.9	3
224	High Acceptability of an Orally Dispersible Tablet Formulation by Children. <i>Children</i> , 2021 , 8,	2.8	3
223	Colonic delivery of metronidazole-loaded capsules for local treatment of bacterial infections: A clinical pharmacoscintigraphy study. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021 , 165, 22-30	5.7	4
222	Analytical Challenges Assessing Protein Aggregation and Fragmentation Under Physiologic Conditions. <i>Journal of Pharmaceutical Sciences</i> , 2021 , 110, 3103-3110	3.9	2

221	4-Hydroxynonenal - A Toxic Leachable From Clinically Used Administration Materials. <i>Journal of Pharmaceutical Sciences</i> , 2021 , 110, 3268-3275	3.9	0
220	Identification of an Oxidizing Leachable from a Clinical Syringe Rubber Stopper. <i>Journal of Pharmaceutical Sciences</i> , 2021 , 110, 3410-3417	3.9	0
219	Efficacy and Safety of Ascending Dosages of Moxidectin and Moxidectin-albendazole Against <i>Trichuris trichiura</i> in Adolescents: A Randomized Controlled Trial. <i>Clinical Infectious Diseases</i> , 2020 , 70, 1193-1201	11.6	11
218	Tracking the physical stability of fluorescent-labeled mAbs under physiologic in vitro conditions in human serum and PBS. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020 , 152, 193-201	5.7	7
217	Shedding Light on Metal-Based Nanoparticles in Zebrafish by Computed Tomography with Micrometer Resolution. <i>Small</i> , 2020 , 16, e2000746	11	3
216	Particle Analysis of Biotherapeutics in Human Serum Using Machine Learning. <i>Journal of Pharmaceutical Sciences</i> , 2020 , 109, 1827-1832	3.9	7
215	Protein-Polydimethylsiloxane Particles in Liquid Vial Monoclonal Antibody Formulations Containing Poloxamer 188. <i>Journal of Pharmaceutical Sciences</i> , 2020 , 109, 2393-2404	3.9	9
214	Mechanistic insights into effect of surfactants on oral bioavailability of amorphous solid dispersions. <i>Journal of Controlled Release</i> , 2020 , 320, 214-225	11.7	12
213	Stabilizing Polysorbate 20 and 80 Against Oxidative Degradation. <i>Journal of Pharmaceutical Sciences</i> , 2020 , 109, 1924-1932	3.9	8
212	DNA-directed arrangement of soft synthetic compartments and their behavior in vitro and in vivo. <i>Nanoscale</i> , 2020 , 12, 9786-9799	7.7	6
211	Assessment of Sensor Concepts for 100% In-Process Control of Low-Volume Aseptic Fill-Finish Processes. <i>PDA Journal of Pharmaceutical Science and Technology</i> , 2020 , 74, 660-673	0.6	0
210	Subvisible Particulate Contamination in Cell Therapy Products-Can We Distinguish?. <i>Journal of Pharmaceutical Sciences</i> , 2020 , 109, 216-219	3.9	4
209	Excipients for Room Temperature Stable Freeze-Dried Monoclonal Antibody Formulations. <i>Journal of Pharmaceutical Sciences</i> , 2020 , 109, 807-817	3.9	22
208	Pharmacokinetics and phenotyping properties of the Basel phenotyping cocktail combination capsule in healthy male adults. <i>British Journal of Clinical Pharmacology</i> , 2020 , 86, 352-361	3.8	5
207	Bioinspired Molecular Factories with Architecture and In Vivo Functionalities as Cell Mimics. <i>Advanced Science</i> , 2020 , 7, 1901923	13.6	16
206	Design, Synthesis, and Characterization of a Paclitaxel Formulation Activated by Extracellular MMP9. <i>Bioconjugate Chemistry</i> , 2020 , 31, 781-793	6.3	2
205	Mechanisms of increased bioavailability through amorphous solid dispersions: a review. <i>Drug Delivery</i> , 2020 , 27, 110-127	7	88
204	Controlled Tyrosine Kinase Inhibitor Delivery to Liver Cancer Cells by Gate-Capped Mesoporous Silica Nanoparticles.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 239-251	4.1	7

203	Impact of dextran on thermal properties, product quality attributes, and monoclonal antibody stability in freeze-dried formulations. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020 , 147, 45-56	5.7	11
202	Study of drug particle distributions within mini-tablets using synchrotron X-ray microtomography and superpixel image clustering. <i>International Journal of Pharmaceutics</i> , 2020 , 573, 118827	6.5	4
201	In Vivo Stability of Therapeutic Proteins. <i>Pharmaceutical Research</i> , 2020 , 37, 23	4.5	27
200	Low volume aseptic filling: Impact of pump systems on shear stress. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020 , 147, 10-18	5.7	5
199	The use of 4-Hexylresorcinol as antibiotic adjuvant. <i>PLoS ONE</i> , 2020 , 15, e0239147	3.7	8
198	Improvement of DNA Vector Delivery of DOTAP Lipoplexes by Short-Chain Aminolipids. <i>ACS Omega</i> , 2020 , 5, 24724-24732	3.9	5
197	Design and in vivo evaluation of a microparticulate depot formulation of buprenorphine for veterinary use. <i>Scientific Reports</i> , 2020 , 10, 17295	4.9	4
196	Spontaneous In Situ Formation of Liposomes from Inert Porous Microparticles for Oral Drug Delivery. <i>Pharmaceutics</i> , 2020 , 12,	6.4	1
195	Loading of Porous Functionalized Calcium Carbonate Microparticles: Distribution Analysis with Focused Ion Beam Electron Microscopy and Mercury Porosimetry. <i>Pharmaceutics</i> , 2019 , 11,	6.4	9
194	Microdosed midazolam for the determination of cytochrome P450 3A activity: Development and clinical evaluation of a buccal film. <i>European Journal of Pharmaceutical Sciences</i> , 2019 , 135, 77-82	5.1	2
193	Lipid-Based DNA Therapeutics: Hallmarks of Non-Viral Gene Delivery. <i>ACS Nano</i> , 2019 , 13, 3754-3782	16.7	122
192	Pooled Population Pharmacokinetic Analysis of Tribendimidine for the Treatment of Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	5
191	Poly(Sarcosine) Surface Modification Imparts Stealth-Like Properties to Liposomes. <i>Small</i> , 2019 , 15, e1904716	11	20
190	Optimization-by-design of hepatotropic lipid nanoparticles targeting the sodium-taurocholate cotransporting polypeptide. <i>ELife</i> , 2019 , 8,	8.9	14
189	Be Aggressive! Amorphous Excipients Enabling Single-Step Freeze-Drying of Monoclonal Antibody Formulations. <i>Pharmaceutics</i> , 2019 , 11,	6.4	11
188	Insights into possibilities for grouping and read-across for nanomaterials in EU chemicals legislation. <i>Nanotoxicology</i> , 2019 , 13, 119-141	5.3	21
187	Preclinical hazard evaluation strategy for nanomedicines. <i>Nanotoxicology</i> , 2019 , 13, 73-99	5.3	25
186	Zebrafish as a predictive screening model to assess macrophage clearance of liposomes in vivo. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019 , 17, 82-93	6	27

185	Zebrafish as a preclinical in vivo screening model for nanomedicines. <i>Advanced Drug Delivery Reviews</i> , 2019 , 151-152, 152-168	18.5	67
184	Rapid optimization of liposome characteristics using a combined microfluidics and design-of-experiment approach. <i>Drug Delivery and Translational Research</i> , 2019 , 9, 404-413	6.2	24
183	and Drug-Drug Interaction Study of the Effects of Ivermectin and Oxantel Pamoate on Tribendimidine. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	7
182	Stability investigation of FCC-based tablets for oral suspension with caffeine and oxantel pamoate as model drugs. <i>Drug Development and Industrial Pharmacy</i> , 2019 , 45, 222-230	3.6	1
181	Efficacy and tolerability of triple drug therapy with albendazole, pyrantel pamoate, and oxantel pamoate compared with albendazole plus oxantel pamoate, pyrantel pamoate plus oxantel pamoate, and mebendazole plus pyrantel pamoate and oxantel pamoate against hookworm infections in school-aged children in Laos: a randomised, single-blind trial. <i>Lancet Infectious Diseases</i> , 2018 , 18, 1247-1255	25.5	15
180	Efficacy and Safety of Ivermectin Against <i>Trichuris trichiura</i> in Preschool-aged and School-aged Children: A Randomized Controlled Dose-finding Trial. <i>Clinical Infectious Diseases</i> , 2018 , 67, 1247-1255	11.6	29
179	Characterization of surface properties of glass vials used as primary packaging material for parenterals. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018 , 125, 58-67	5.7	17
178	Directing Nanoparticle Biodistribution through Evasion and Exploitation of Stab2-Dependent Nanoparticle Uptake. <i>ACS Nano</i> , 2018 , 12, 2138-2150	16.7	115
177	Impact of non-ideal analyte behavior on the separation of protein aggregates by asymmetric flow field-flow fractionation. <i>Journal of Separation Science</i> , 2018 , 41, 2854-2864	3.4	9
176	Biomimetic artificial organelles with in vitro and in vivo activity triggered by reduction in microenvironment. <i>Nature Communications</i> , 2018 , 9, 1127	17.4	87
175	Functionalized calcium carbonate microparticles for the delivery of proteins. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018 , 122, 96-103	5.7	28
174	Evaluation of Glass Delamination Risk in Pharmaceutical 10 mL/10R Vials. <i>Journal of Pharmaceutical Sciences</i> , 2018 , 107, 624-637	3.9	11
173	Self-assembling chitosan hydrogel: A drug-delivery device enabling the sustained release of proteins. <i>Journal of Applied Polymer Science</i> , 2018 , 135, 45638	2.9	24
172	Combined cerium oxide nanocapping and layer-by-layer coating of porous silicon containers for controlled drug release. <i>Journal of Materials Science</i> , 2018 , 53, 14975-14988	4.3	8
171	Modeling of Disintegration and Dissolution Behavior of Mefenamic Acid Formulation Using Numeric Solution of Noyes-Whitney Equation with Cellular Automata on Microtomographic and Algorithmically Generated Surfaces. <i>Pharmaceutics</i> , 2018 , 10,	6.4	6
170	A combined mathematical model linking the formation of amorphous solid dispersions with hot-melt-extrusion process parameters. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018 , 132, 127-145	5.7	15
169	Imaging Techniques to Characterize Cake Appearance of Freeze-Dried Products. <i>Journal of Pharmaceutical Sciences</i> , 2018 , 107, 2810-2822	3.9	17
168	Efficacy and tolerability of moxidectin alone and in co-administration with albendazole and tribendimidine versus albendazole plus oxantel pamoate against <i>Trichuris trichiura</i> infections: a randomised, non-inferiority, single-blind trial. <i>Lancet Infectious Diseases</i> , 2018 , 18, 864-873	25.5	24

167	Pharmacokinetics of a Pediatric Tribendimidine Dose-Finding Study To Treat Hookworm Infection in African Children. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	5
166	Impact of Vial Washing and Depyrogenation on Surface Properties and Delamination Risk of Glass Vials. <i>Pharmaceutical Research</i> , 2018 , 35, 146	4.5	6
165	Extensive Chemical Modifications in the Primary Protein Structure of IgG1 Subvisible Particles Are Necessary for Breaking Immune Tolerance. <i>Molecular Pharmaceutics</i> , 2017 , 14, 1292-1299	5.6	39
164	Assessing the Risk of Drug-Induced Cholestasis Using Unbound Intrahepatic Concentrations. <i>Drug Metabolism and Disposition</i> , 2017 , 45, 523-531	4	12
163	Current In Vitro Methods to Determine Hepatic Kp: A Comparison of Their Usefulness and Limitations. <i>Journal of Pharmaceutical Sciences</i> , 2017 , 106, 2805-2814	3.9	22
162	Characterization of new functionalized calcium carbonate-polycaprolactone composite material for application in geometry-constrained drug release formulation development. <i>Drug Development and Industrial Pharmacy</i> , 2017 , 43, 1669-1676	3.6	1
161	Selective stimulation of the JAK/STAT signaling pathway by silica nanoparticles in human endothelial cells. <i>Toxicology in Vitro</i> , 2017 , 42, 308-318	3.6	16
160	PEG-PCL-based nanomedicines: A biodegradable drug delivery system and its application. <i>Journal of Controlled Release</i> , 2017 , 260, 46-60	11.7	238
159	Immobilization of Enzymes on PLGA Sub-Micrometer Particles by Crosslinked Layer-by-Layer Deposition. <i>Macromolecular Bioscience</i> , 2017 , 17, 1700015	5.5	9
158	Efficacy of Moxidectin Versus Ivermectin Against Strongyloides stercoralis Infections: A Randomized, Controlled Noninferiority Trial. <i>Clinical Infectious Diseases</i> , 2017 , 65, 276-281	11.6	28
157	A Method To Determine the Kinetics of Solute Mixing in Liquid/Liquid Formulation Dual-Chamber Syringes. <i>PDA Journal of Pharmaceutical Science and Technology</i> , 2017 , 71, 2-10	0.6	1
156	In vitro characterization and mouthfeel study of functionalized calcium carbonate in orally disintegrating tablets. <i>International Journal of Pharmaceutics</i> , 2017 , 534, 50-59	6.5	17
155	Zebrafish as an early stage screening tool to study the systemic circulation of nanoparticulate drug delivery systems in vivo. <i>Journal of Controlled Release</i> , 2017 , 264, 180-191	11.7	61
154	Efficacy and safety of tribendimidine, tribendimidine plus ivermectin, tribendimidine plus oxantel pamoate, and albendazole plus oxantel pamoate against hookworm and concomitant soil-transmitted helminth infections in Tanzania and Cte d'Ivoire: a randomised, controlled, single-blinded, non-inferiority trial. <i>Lancet Infectious Diseases</i> , 2017 , 17, 1162-1171	25.5	39
153	PDMS-b-PMOXA polymersomes for hepatocyte targeting and assessment of toxicity. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017 , 119, 322-332	5.7	21
152	Oral delivery of vancomycin by tetraether lipid liposomes. <i>European Journal of Pharmaceutical Sciences</i> , 2017 , 108, 111-118	5.1	47
151	Novel Polyurethane Matrix Systems Reveal a Particular Sustained Release Behavior Studied by Imaging and Computational Modeling. <i>AAPS PharmSciTech</i> , 2017 , 18, 1544-1553	3.9	2
150	Efficacy and safety of oxantel pamoate in school-aged children infected with <i>Trichuris trichiura</i> on Pemba Island, Tanzania: a parallel, randomised, controlled, dose-ranging study. <i>Lancet Infectious Diseases</i> , 2016 , 16, 53-60	25.5	46

149	In silico and in vitro methods to optimize the performance of experimental gastroretentive floating mini-tablets. <i>Drug Development and Industrial Pharmacy</i> , 2016 , 42, 808-17	3.6	8
148	The Pharmaceutical Capping Process-Correlation between Residual Seal Force, Torque Moment, and Flip-off Removal Force. <i>PDA Journal of Pharmaceutical Science and Technology</i> , 2016 , 70, 218-29	0.6	
147	CombiCap: A novel drug formulation for the basal phenotyping cocktail. <i>International Journal of Pharmaceutics</i> , 2016 , 512, 253-261	6.5	5
146	Isolation of multiantennary N-glycans from glycoproteins for hepatocyte specific targeting via the asialoglycoprotein receptor. <i>RSC Advances</i> , 2016 , 6, 97636-97640	3.7	6
145	Secreted Matrix Metalloproteinase-9 of Proliferating Smooth Muscle Cells as a Trigger for Drug Release from Stent Surface Polymers in Coronary Arteries. <i>Molecular Pharmaceutics</i> , 2016 , 13, 2290-300	5.6	8
144	Factors Governing the Precision of Subvisible Particle Measurement Methods - A Case Study with a Low-Concentration Therapeutic Protein Product in a Prefilled Syringe. <i>Pharmaceutical Research</i> , 2016 , 33, 450-61	4.5	24
143	Pediatric Dispersible Tablets: a Modular Approach for Rapid Prototyping. <i>Pharmaceutical Research</i> , 2016 , 33, 2043-55	4.5	2
142	Factors Governing the Accuracy of Subvisible Particle Counting Methods. <i>Journal of Pharmaceutical Sciences</i> , 2016 , 105, 2042-52	3.9	14
141	Mucoadhesive microparticles for local treatment of gastrointestinal diseases. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016 , 105, 156-65	5.7	14
140	Interactions between silica nanoparticles and phospholipid membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016 , 1858, 2163-2170	3.8	36
139	Variable asialoglycoprotein receptor 1 expression in liver disease: Implications for therapeutic intervention. <i>Hepatology Research</i> , 2016 , 46, 686-96	5.1	38
138	Development and validation of an enantioselective LC-MS/MS method for the analysis of the anthelmintic drug praziquantel and its main metabolite in human plasma, blood and dried blood spots. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 118, 81-88	3.5	18
137	The pharmaceutical vial capping process: Container closure systems, capping equipment, regulatory framework, and seal quality tests. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016 , 99, 54-64	5.7	11
136	New IVIVE method for the prediction of total human clearance and relative elimination pathway contributions from in vitro hepatocyte and microsome data. <i>European Journal of Pharmaceutical Sciences</i> , 2016 , 86, 96-102	5.1	17
135	Efficacy and Safety of Moxidectin, Synriam, Synriam-Praziquantel versus Praziquantel against <i>Schistosoma haematobium</i> and <i>S. mansoni</i> Infections: A Randomized, Exploratory Phase 2 Trial. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0005008	4.8	16
134	Functionalized Solid-Sphere PEG-b-PCL Nanoparticles to Target Brain Capillary Endothelial Cells In Vitro. <i>Journal of Nanomaterials</i> , 2016 , 2016, 1-13	3.2	10
133	Pharmacokinetic Study of Praziquantel Enantiomers and Its Main Metabolite R-trans-4-OH-PZQ in Plasma, Blood and Dried Blood Spots in <i>Opisthorchis viverrini</i> -Infected Patients. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004700	4.8	12
132	Single-Ascending-Dose Pharmacokinetic Study of Tribendimidine in <i>Opisthorchis viverrini</i> -Infected Patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 5705-15	5.9	8

131	The Effect of Formulation, Process, and Method Variables on the Reconstitution Time in Dual Chamber Syringes. <i>PDA Journal of Pharmaceutical Science and Technology</i> , 2016 , 70, 508-522	0.6	7
130	Impact of Vial Capping on Residual Seal Force and Container Closure Integrity. <i>PDA Journal of Pharmaceutical Science and Technology</i> , 2016 , 70, 12-29	0.6	1
129	New Processes for Freeze-Drying in Dual-Chamber Systems. <i>PDA Journal of Pharmaceutical Science and Technology</i> , 2016 , 70, 191-207	0.6	5
128	The Effect of Formulation, Process, and Method Variables on the Reconstitution Time in Dual Chamber Syringes. <i>PDA Journal of Pharmaceutical Science and Technology</i> , 2016 , 70, 508-522	0.6	3
127	Technology, Applications, and Process Challenges of Dual Chamber Systems. <i>Journal of Pharmaceutical Sciences</i> , 2016 , 105, 4-9	3.9	9
126	Pharmacokinetics of the Antischistosomal Lead Ozonide OZ418 in Uninfected Mice Determined by Liquid Chromatography-Tandem Mass Spectrometry. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 7364-7371	5.9	7
125	Influence of Different Container Closure Systems and Capping Process Parameters on Product Quality and Container Closure Integrity (CCI) in GMP Drug Product Manufacturing. <i>PDA Journal of Pharmaceutical Science and Technology</i> , 2016 , 70, 109-19	0.6	0
124	Metabotropic glutamate receptor 5 negative allosteric modulators: discovery of 2-chloro-4-[1-(4-fluorophenyl)-2,5-dimethyl-1H-imidazol-4-ylethynyl]pyridine (basimglurant, RO4917523), a promising novel medicine for psychiatric diseases. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 1358-71	8.3	48
123	Measuring Subvisible Particles in Protein Formulations Using a Modified Light Obscuration Sensor with Improved Detection Capabilities. <i>Analytical Chemistry</i> , 2015 , 87, 6119-24	7.8	6
122	Marker-ion analysis for quantification of mucoadhesivity of microparticles in particle-retention assays. <i>International Journal of Pharmaceutics</i> , 2015 , 487, 157-66	6.5	6
121	Measuring tissue back-pressure--in vivo injection forces during subcutaneous injection. <i>Pharmaceutical Research</i> , 2015 , 32, 2229-40	4.5	28
120	Biocompatible polymer-Peptide hybrid-based DNA nanoparticles for gene delivery. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 10446-56	9.5	23
119	An Impedance-Based Method to Determine Reconstitution Time for Freeze-Dried Pharmaceuticals. <i>Journal of Pharmaceutical Sciences</i> , 2015 , 104, 2948-55	3.9	8
118	Comparative Evaluation of Two Methods for Preparative Fractionation of Proteinaceous Subvisible Particles--Differential Centrifugation and FACS. <i>Pharmaceutical Research</i> , 2015 , 32, 3952-64	4.5	5
117	Comparative safety evaluation of silica-based particles. <i>Toxicology in Vitro</i> , 2015 , 30, 355-63	3.6	29
116	Formation of lipid and polymer based gold nano hybrids using a nanoreactor approach. <i>RSC Advances</i> , 2015 , 5, 74320-74328	3.7	14
115	Nanomedicine in cancer therapy: challenges, opportunities, and clinical applications. <i>Journal of Controlled Release</i> , 2015 , 200, 138-57	11.7	1183
114	Scientific Basis for Regulatory Decision-Making of Nanomaterials Report on the Workshop, 20-21 January 2014, Center of Applied Ecotoxicology, Dßendorf. <i>Chimia</i> , 2015 , 69, 52-6	1.3	4

113	Determination of the Density of Protein Particles Using a Suspended Microchannel Resonator. <i>Journal of Pharmaceutical Sciences</i> , 2015 , 104, 4034-4040	3.9	18
112	Selective Oxidation of Methionine and Tryptophan Residues in a Therapeutic IgG1 Molecule. <i>Journal of Pharmaceutical Sciences</i> , 2015 , 104, 2824-31	3.9	70
111	LC-MS/MS method for the determination of two metabolites of tribendimidine, deacylated amidantel and its acetylated metabolite in plasma, blood and dried blood spots. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 105, 163-173	3.5	9
110	Application of the extended clearance concept classification system (ECCCS) to predict the victim drug-drug interaction potential of statins. <i>Drug Metabolism and Personalized Therapy</i> , 2015 , 30, 175-88	2	22
109	ATP-induced cellular stress and mitochondrial toxicity in cells expressing purinergic P2X7 receptor. <i>Pharmacology Research and Perspectives</i> , 2015 , 3, e00123	3.1	19
108	Sterile Filtration of Highly Concentrated Protein Formulations: Impact of Protein Concentration, Formulation Composition, and Filter Material. <i>Journal of Pharmaceutical Sciences</i> , 2015 , 104, 3319-29	3.9	19
107	Translational Medicine: Nanoscience and Nanotechnology to Improve Patient Care 2015 , 289-310		1
106	Efficacy and safety of albendazole plus ivermectin, albendazole plus mebendazole, albendazole plus oxantel pamoate, and mebendazole alone against <i>Trichuris trichiura</i> and concomitant soil-transmitted helminth infections: a four-arm, randomised controlled trial. <i>Lancet Infectious Diseases</i> , 2015 , 15, 277-84	25.5	79
105	The extended clearance model and its use for the interpretation of hepatobiliary elimination data. <i>ADMET and DMPK</i> , 2015 , 3,	1.3	18
104	Floating gastroretentive drug delivery systems: Comparison of experimental and simulated dissolution profiles and floatation behavior. <i>European Journal of Pharmaceutical Sciences</i> , 2014 , 58, 34-43	5.1	31
103	In vitro-in vivo extrapolation method to predict human renal clearance of drugs. <i>Journal of Pharmaceutical Sciences</i> , 2014 , 103, 994-1001	3.9	26
102	Polymersomes conjugated to 83-14 monoclonal antibodies: in vitro targeting of brain capillary endothelial cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014 , 88, 316-24	5.7	45
101	High-throughput viscosity measurement using capillary electrophoresis instrumentation and its application to protein formulation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 99, 51-8	3.5	24
100	Rheological characterization and injection forces of concentrated protein formulations: an alternative predictive model for non-Newtonian solutions. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014 , 87, 318-28	5.7	67
99	Compaction of functionalized calcium carbonate, a porous and crystalline microparticulate material with a lamellar surface. <i>International Journal of Pharmaceutics</i> , 2014 , 466, 266-75	6.5	28
98	Drug loading into porous calcium carbonate microparticles by solvent evaporation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014 , 87, 548-58	5.7	73
97	Hepatocyte targeting using pegylated asialofetuin-conjugated liposomes. <i>Journal of Drug Targeting</i> , 2014 , 22, 232-241	5.4	18
96	Polymersomes containing quantum dots for cellular imaging. <i>International Journal of Nanomedicine</i> , 2014 , 9, 2287-98	7.3	12

95	Prediction of organic anion-transporting polypeptide 1B1- and 1B3-mediated hepatic uptake of statins based on transporter protein expression and activity data. <i>Drug Metabolism and Disposition</i> , 2014 , 42, 1514-21	4	78
94	Oxantel pamoate-albendazole for <i>Trichuris trichiura</i> infection. <i>New England Journal of Medicine</i> , 2014 , 370, 610-20	59.2	72
93	Functionalized calcium carbonate as a novel pharmaceutical excipient for the preparation of orally dispersible tablets. <i>Pharmaceutical Research</i> , 2013 , 30, 1915-25	4.5	33
92	An attempt to calculate in silico disintegration time of tablets containing mefenamic acid, a low water-soluble drug. <i>Journal of Pharmaceutical Sciences</i> , 2013 , 102, 2166-78	3.9	13
91	Indocyanine green loaded biocompatible nanoparticles: Stabilization of indocyanine green (ICG) using biocompatible silica-poly(ϵ -caprolactone) grafted nanocomposites. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013 , 261, 12-19	4.7	25
90	Efficacy and pharmacokinetics of OZ78 and MT04 against a natural infection with <i>Fasciola hepatica</i> in sheep. <i>Veterinary Parasitology</i> , 2013 , 198, 102-10	2.8	13
89	A cell-based, multiparametric sensor approach characterises drug-induced cytotoxicity in human liver HepG2 cells. <i>Toxicology in Vitro</i> , 2013 , 27, 1109-20	3.6	14
88	Pharmacological characterization of designer cathinones in vitro. <i>British Journal of Pharmacology</i> , 2013 , 168, 458-70	8.6	497
87	3-D cellular automata in computer-aided design of pharmaceutical formulations: mathematical concept and F-CAD software 2013 , 155-201		6
86	Stable human brain microvascular endothelial cell line retaining its barrier-specific nature independent of the passage number. <i>Clinical and Experimental Neuroimmunology</i> , 2013 , 4, 92-103	0.4	17
85	Human cytokines activate JAK-STAT signaling pathway in porcine ocular tissue. <i>Xenotransplantation</i> , 2013 , 20, 469-80	2.8	11
84	Engineered nanomaterial uptake and tissue distribution: from cell to organism. <i>International Journal of Nanomedicine</i> , 2013 , 8, 3255-69	7.3	120
83	Evaluation of the pharmacokinetic profile of artesunate, artemether and their metabolites in sheep naturally infected with <i>Fasciola hepatica</i> . <i>Veterinary Parasitology</i> , 2012 , 186, 270-80	2.8	11
82	Pharmacokinetics of the fasciocidal drug candidates MT04 and OZ78 in uninfected rats and in vitro pharmacodynamic studies. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2012 , 2, 121-5	4	6
81	Interaction of the antiviral drug telaprevir with renal and hepatic drug transporters. <i>Biochemical Pharmacology</i> , 2012 , 84, 1096-102	6	71
80	Drug interaction potential of resveratrol. <i>Drug Metabolism Reviews</i> , 2012 , 44, 253-65	7	70
79	Computational prediction of blood-brain barrier permeability using decision tree induction. <i>Molecules</i> , 2012 , 17, 10429-45	4.8	54
78	Duloxetine inhibits effects of MDMA ("ecstasy") in vitro and in humans in a randomized placebo-controlled laboratory study. <i>PLoS ONE</i> , 2012 , 7, e36476	3.7	122

77	Combinatorial QSAR modeling of human intestinal absorption. <i>Molecular Pharmaceutics</i> , 2011 , 8, 213-245.6		28
76	A binary ant colony optimization classifier for molecular activities. <i>Journal of Chemical Information and Modeling</i> , 2011 , 51, 2690-6	6.1	8
75	On-line identification of P-glycoprotein substrates by monitoring of extracellular acidification and respiration rates in living cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011 , 1808, 1827-31	3.8	5
74	Report from the EPAA workshop: in vitro ADME in safety testing used by EPAA industry sectors. <i>Toxicology in Vitro</i> , 2011 , 25, 589-604	3.6	24
73	P.1.c.017 Duloxetine prevents 3,4-methylenedioxymethamphetamine induced serotonin release in vitro and psychostimulant effects in humans. <i>European Neuropsychopharmacology</i> , 2011 , 21, S262-S263	1.2	2
72	The norepinephrine transporter inhibitor reboxetine reduces stimulant effects of MDMA ("ecstasy") in humans. <i>Clinical Pharmacology and Therapeutics</i> , 2011 , 90, 246-55	6.1	113
71	Development and validation of a liquid chromatography and ion spray tandem mass spectrometry method for the quantification of artesunate, artemether and their major metabolites dihydroartemisinin and dihydroartemisinin-glucuronide in sheep plasma. <i>Journal of Mass Spectrometry</i> , 2011 , 46, 172-81	2.2	18
70	In vitro assessment of the formation of ceftriaxone-calcium precipitates in human plasma. <i>Journal of Pharmaceutical Sciences</i> , 2011 , 100, 2300-10	3.9	10
69	Regulation of BCRP (ABCG2) and P-glycoprotein (ABCB1) by cytokines in a model of the human blood-brain barrier. <i>Cellular and Molecular Neurobiology</i> , 2010 , 30, 63-70	4.6	118
68	Cytokine signaling in the human brain capillary endothelial cell line hCMEC/D3. <i>Brain Research</i> , 2010 , 1354, 15-22	3.7	23
67	Development and validation of a liquid chromatography/mass spectrometry method for pharmacokinetic studies of OZ78, a fasciocidal drug candidate. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010 , 878, 2770-4	3.2	6
66	Discovery of carmegliptin: a potent and long-acting dipeptidyl peptidase IV inhibitor for the treatment of type 2 diabetes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010 , 20, 1109-13	2.9	45
65	Efficacy, safety and pharmacokinetics of 1,2,4-trioxolane OZ78 against an experimental infection with <i>Fasciola hepatica</i> in sheep. <i>Veterinary Parasitology</i> , 2010 , 173, 228-35	2.8	18
64	Aryl- and heteroaryl-substituted aminobenzo[a]quinolizines as dipeptidyl peptidase IV inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010 , 20, 1106-8	2.9	34
63	Discovery of potent and selective histamine H3 receptor inverse agonists based on the 3,4-dihydro-2H-pyrazino[1,2-a]indol-1-one scaffold. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010 , 20, 5713-7	2.9	15
62	Synthesis and characterization of 1,3-dihydro-benzo[b][1,4]diazepin-2-one derivatives: Part 4. In vivo active potent and selective non-competitive metabotropic glutamate receptor 2/3 antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010 , 20, 6969-74	2.9	33
61	Fluorinated 9H-xanthene-9-carboxylic acid oxazol-2-yl-amides as potent, orally available mGlu1 receptor enhancers. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 1666-9	2.9	34
60	5-hydroxyindole-2-carboxylic acid amides: novel histamine-3 receptor inverse agonists for the treatment of obesity. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 3855-68	8.3	30

59	Histamine-3 Receptor Inverse Agonists for the Treatment of Obesity: Validation of the Target and Identification of Novel Series. <i>Chimia</i> , 2009 , 63, 275-278	1.3	2
58	Characterization of (R,S)-5,7-di-tert-butyl-3-hydroxy-3-trifluoromethyl-3H-benzofuran-2-one as a positive allosteric modulator of GABAB receptors. <i>British Journal of Pharmacology</i> , 2008 , 154, 797-811	8.6	81
57	The human brain endothelial cell line hCMEC/D3 as a human blood-brain barrier model for drug transport studies. <i>Journal of Neurochemistry</i> , 2008 , 107, 1358-68	6	217
56	Drug-excipient interactions by Vitamin E-TPGS: in vitro studies on inhibition of P-glycoprotein and colonic drug absorption. <i>Journal of Drug Delivery Science and Technology</i> , 2008 , 18, 145-148	4.5	4
55	Drug targeting using OX7-immunoliposomes: correlation between Thy1.1 antigen expression and tissue distribution in the rat. <i>Journal of Drug Targeting</i> , 2008 , 16, 156-66	5.4	10
54	Tumor targeting using liposomal antineoplastic drugs. <i>International Journal of Nanomedicine</i> , 2008 , 21	7.3	94
53	Rational estimation of the optimum amount of non-fibrous disintegrant applying percolation theory for binary fast disintegrating formulation. <i>Journal of Pharmaceutical Sciences</i> , 2008 , 97, 529-41	3.9	12
52	Computational aqueous solubility prediction for drug-like compounds in congeneric series. <i>European Journal of Medicinal Chemistry</i> , 2008 , 43, 501-12	6.8	35
51	In silico prediction of brain and CSF permeation of small molecules using PLS regression models. <i>European Journal of Medicinal Chemistry</i> , 2008 , 43, 1581-92	6.8	36
50	Synthesis and characterization of 1,3-dihydro-benzo[b][1,4]diazepin-2-one derivatives: Part 3. New potent non-competitive metabotropic glutamate receptor 2/3 antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008 , 18, 2725-9	2.9	14
49	Tumor targeting using liposomal antineoplastic drugs. <i>International Journal of Nanomedicine</i> , 2008 , 3, 21-9	7.3	40
48	Rational design, synthesis, and structure-activity relationship of benzoxazolones: new potent mglu5 receptor antagonists based on the fenobam structure. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 1302-6	2.9	22
47	A potentiometric titration method for the crystallization of drug-like organic molecules. <i>International Journal of Pharmaceutics</i> , 2007 , 342, 161-7	6.5	4
46	Synthesis and biological evaluation of fenobam analogs as mGlu5 receptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 1307-11	2.9	17
45	Induction of cytochrome P450 3A4 and P-glycoprotein by the isoxazoly-phenicillin antibiotic flucloxacillin. <i>Current Drug Metabolism</i> , 2006 , 7, 119-26	3.5	46
44	Spray Freeze Drying in a Fluidized Bed at Normal and Low Pressure. <i>Drying Technology</i> , 2006 , 24, 711-719	2.6	42
43	Arylmethoxy-pyridines as novel, potent and orally active mGlu5 receptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 1892-7	2.9	8
42	Drug transport to brain with targeted liposomes. <i>NeuroRx</i> , 2005 , 2, 99-107		164

41	9H-Xanthene-9-carboxylic acid [1,2,4]oxadiazol-3-yl- and (2H-tetrazol-5-yl)-amides as potent, orally available mGlu1 receptor enhancers. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005 , 15, 4628-31	2.9	72
40	The effect of the mGlu5 receptor antagonist MPEP in rodent tests of anxiety and cognition: a comparison. <i>Psychopharmacology</i> , 2005 , 179, 218-29	4.7	103
39	Impact of Oral Administration of the Surface-Active Excipient Solutol HS 15 on the Pharmacokinetics of Intravenously Administered Colchicine. <i>Letters in Drug Design and Discovery</i> , 2005 , 2, 193-195	0.8	7
38	Targeting of daunomycin using biotinylated immunoliposomes: pharmacokinetics, tissue distribution and in vitro pharmacological effects. <i>Journal of Drug Targeting</i> , 2005 , 13, 325-35	5.4	76
37	Immunoliposome targeting to mesangial cells: a promising strategy for specific drug delivery to the kidney. <i>Journal of the American Society of Nephrology: JASN</i> , 2005 , 16, 3295-305	12.7	62
36	Drug transport to brain with targeted liposomes. <i>Neurotherapeutics</i> , 2005 , 2, 99-107	6.4	
35	Transferrin-conjugated liposome targeting of photosensitizer ALPcS4 to rat bladder carcinoma cells. <i>Journal of the National Cancer Institute</i> , 2004 , 96, 1620-30	9.7	96
34	In vitro investigation on the impact of the surface-active excipients Cremophor EL, Tween 80 and Solutol HS 15 on the metabolism of midazolam. <i>Biopharmaceutics and Drug Disposition</i> , 2004 , 25, 37-49	1.7	69
33	Targeting of skeletal muscle in vitro using biotinylated immunoliposomes. <i>Biochemical Journal</i> , 2004 , 377, 61-7	3.8	36
32	Modulation of transendothelial permeability and expression of ATP-binding cassette transporters in cultured brain capillary endothelial cells by astrocytic factors and cell-culture conditions. <i>Experimental Brain Research</i> , 2003 , 153, 356-65	2.3	36
31	Impact of Solutol HS 15 on the pharmacokinetic behaviour of colchicine upon intravenous administration to male Wistar rats. <i>Biopharmaceutics and Drug Disposition</i> , 2003 , 24, 173-81	1.7	29
30	Comparison of in vitro P-glycoprotein screening assays: recommendations for their use in drug discovery. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 1716-25	8.3	172
29	Evaluation of the NR2B-selective NMDA receptor antagonist Ro 63-1908 on rodent behaviour: evidence for an involvement of NR2B NMDA receptors in response inhibition. <i>Neuropharmacology</i> , 2003 , 44, 324-41	5.5	96
28	Targeting of the photocytotoxic compound ALPcS4 to Hela cells by transferrin conjugated PEG-liposomes. <i>International Journal of Cancer</i> , 2002 , 101, 78-85	7.5	85
27	Improved oral bioavailability of cyclosporin A in male Wistar rats. Comparison of a Solutol HS 15 containing self-dispersing formulation and a microsuspension. <i>International Journal of Pharmaceutics</i> , 2002 , 245, 143-51	6.5	32
26	By-passing of P-glycoprotein using immunoliposomes. <i>Journal of Drug Targeting</i> , 2002 , 10, 73-9	5.4	113
25	Uptake of cationized albumin coupled liposomes by cultured porcine brain microvessel endothelial cells and intact brain capillaries. <i>Journal of Drug Targeting</i> , 2002 , 10, 337-44	5.4	93
24	Endocytosis and transcytosis of an immunoliposome-based brain drug delivery system. <i>Journal of Drug Targeting</i> , 2000 , 8, 435-46	5.4	92

23	Evidence that nicotinic alpha(7) receptors are not involved in the hyperlocomotor and rewarding effects of nicotine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2000 , 294, 1112-9	4.7	106
22	Characterization of transferrin receptor in an immortalized cell line of rat brain endothelial cells, RBE4. <i>Journal of Receptor and Signal Transduction Research</i> , 1999 , 19, 729-39	2.6	16
21	HIV protease inhibitor ritonavir: a more potent inhibitor of P-glycoprotein than the cyclosporine analog SDZ PSC 833. <i>Biochemical Pharmacology</i> , 1999 , 57, 1147-52	6	150
20	Modulation of multidrug resistance protein expression in porcine brain capillary endothelial cells in vitro. <i>Drug Metabolism and Disposition</i> , 1999 , 27, 937-41	4	49
19	Examination of blood-brain barrier transferrin receptor by confocal fluorescent microscopy of unfixed isolated rat brain capillaries. <i>Journal of Neurochemistry</i> , 1998 , 70, 883-6	6	53
18	Treatment of large solid tumors in mice with daunomycin-loaded sterically stabilized liposomes. <i>Drug Delivery</i> , 1998 , 5, 207-12	7	8
17	Modulation of morphine-6-glucuronide penetration into the brain by P-glycoprotein. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 1998 , 36, 69-70	2	11
16	Transport of the beta-lactam antibiotic benzylpenicillin and the dipeptide glycylsarcosine by brain capillary endothelial cells in vitro. <i>Drug Metabolism and Disposition</i> , 1998 , 26, 1144-8	4	9
15	High-performance liquid chromatographic method for an automated determination of local anaesthetics in human plasma. <i>Biomedical Applications</i> , 1997 , 691, 105-10		13
14	Transport of clonidine across cultured brain microvessel endothelial cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1997 , 282, 81-5	4.7	29
13	Receptor mediated delivery of daunomycin using immunoliposomes: pharmacokinetics and tissue distribution in the rat. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1997 , 282, 1541-6	4.7	74
12	Relevance of p-glycoprotein for the enteral absorption of cyclosporin A: in vitro-in vivo correlation. <i>British Journal of Pharmacology</i> , 1996 , 118, 1841-7	8.6	173
11	Evidence for P-glycoprotein-modulated penetration of morphine-6-glucuronide into brain capillary endothelium. <i>British Journal of Pharmacology</i> , 1996 , 118, 1879-85	8.6	92
10	Brain drug delivery of small molecules using immunoliposomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 14164-9	11.5	545
9	Rapid and highly automated determination of morphine and morphine glucuronides in plasma by on-line solid-phase extraction and column liquid chromatography. <i>Biomedical Applications</i> , 1995 , 674, 57-63		37
8	Leukotriene B4 formation upon halothane-induced lipid peroxidation in liver membrane fractions under low O2 concentrations in vitro. <i>FEBS Journal</i> , 1994 , 219, 287-95		3
7	Mechanisms of halothane toxicity: novel insights 1993 , 58, 133-55		94
6	Exposure to the chlorofluorocarbon substitute 2,2-dichloro-1,1,1-trifluoroethane and the anesthetic agent halothane is associated with transient protein adduct formation in the heart. <i>Biochemical and Biophysical Research Communications</i> , 1992 , 184, 1344-9	3.4	18

- 5 Halothane metabolism. Impairment of hepatic omega-oxidation of leukotrienes in vivo and in vitro. *FEBS Journal*, **1992**, 206, 869-79 13
- 4 The kidney as a novel target tissue for protein adduct formation associated with metabolism of halothane and the candidate chlorofluorocarbon replacement 2,2-dichloro-1,1,1-trifluoroethane. *FEBS Journal*, **1992**, 207, 229-38 20
- 3 Molecular mimicry of trifluoroacetylated human liver protein adducts by constitutive proteins and immunochemical evidence for its impairment in halothane hepatitis. *FEBS Journal*, **1992**, 210, 569-76 27
- 2 Transformation of 5-hydroperoxyeicosatetraenoic acid into dihydroxy- and cysteinyl-leukotrienes by rat hepatocytes: effects of glutathione. *Molecular Pharmacology*, **1991**, 39, 314-23 4-3 8
- 1 Single-step organic extraction of leukotrienes and related compounds and their simultaneous analysis by high-performance liquid chromatography. *Analytical Biochemistry*, **1990**, 188, 374-82 3-1 12