

# Jrg Huwyler

## List of Publications by Citations

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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	Nanomedicine in cancer therapy: challenges, opportunities, and clinical applications. <i>Journal of Controlled Release</i> , <b>2015</b> , 200, 138-57	11.7	1183
237	Brain drug delivery of small molecules using immunoliposomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1996</b> , 93, 14164-9	11.5	545
236	Pharmacological characterization of designer cathinones in vitro. <i>British Journal of Pharmacology</i> , <b>2013</b> , 168, 458-70	8.6	497
235	PEG-PCL-based nanomedicines: A biodegradable drug delivery system and its application. <i>Journal of Controlled Release</i> , <b>2017</b> , 260, 46-60	11.7	238
234	The human brain endothelial cell line hCMEC/D3 as a human blood-brain barrier model for drug transport studies. <i>Journal of Neurochemistry</i> , <b>2008</b> , 107, 1358-68	6	217
233	Relevance of p-glycoprotein for the enteral absorption of cyclosporin A: in vitro-in vivo correlation. <i>British Journal of Pharmacology</i> , <b>1996</b> , 118, 1841-7	8.6	173
232	Comparison of in vitro P-glycoprotein screening assays: recommendations for their use in drug discovery. <i>Journal of Medicinal Chemistry</i> , <b>2003</b> , 46, 1716-25	8.3	172
231	Drug transport to brain with targeted liposomes. <i>NeuroRx</i> , <b>2005</b> , 2, 99-107		164
230	HIV protease inhibitor ritonavir: a more potent inhibitor of P-glycoprotein than the cyclosporine analog SDZ PSC 833. <i>Biochemical Pharmacology</i> , <b>1999</b> , 57, 1147-52	6	150
229	Lipid-Based DNA Therapeutics: Hallmarks of Non-Viral Gene Delivery. <i>ACS Nano</i> , <b>2019</b> , 13, 3754-3782	16.7	122
228	Duloxetine inhibits effects of MDMA ("ecstasy") in vitro and in humans in a randomized placebo-controlled laboratory study. <i>PLoS ONE</i> , <b>2012</b> , 7, e36476	3.7	122
227	Engineered nanomaterial uptake and tissue distribution: from cell to organism. <i>International Journal of Nanomedicine</i> , <b>2013</b> , 8, 3255-69	7.3	120
226	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> , <b>2010</b> , 30, 63-70	4.6	118
225	Directing Nanoparticle Biodistribution through Evasion and Exploitation of Stab2-Dependent Nanoparticle Uptake. <i>ACS Nano</i> , <b>2018</b> , 12, 2138-2150	16.7	115
224	The norepinephrine transporter inhibitor reboxetine reduces stimulant effects of MDMA ("ecstasy") in humans. <i>Clinical Pharmacology and Therapeutics</i> , <b>2011</b> , 90, 246-55	6.1	113
223	By-passing of P-glycoprotein using immunoliposomes. <i>Journal of Drug Targeting</i> , <b>2002</b> , 10, 73-9	5.4	113
222	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> , <b>2000</b> , 294, 1112-9	4.7	106

221	The effect of the mGlu5 receptor antagonist MPEP in rodent tests of anxiety and cognition: a comparison. <i>Psychopharmacology</i> , <b>2005</b> , 179, 218-29	4.7	103
220	Transferrin-conjugated liposome targeting of photosensitizer ALPcS4 to rat bladder carcinoma cells. <i>Journal of the National Cancer Institute</i> , <b>2004</b> , 96, 1620-30	9.7	96
219	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> , <b>2003</b> , 44, 324-41	5.5	96
218	Tumor targeting using liposomal antineoplastic drugs. <i>International Journal of Nanomedicine</i> , <b>2008</b> , 21	7.3	94
217	Mechanisms of halothane toxicity: novel insights <b>1993</b> , 58, 133-55		94
216	Uptake of cationized albumin coupled liposomes by cultured porcine brain microvessel endothelial cells and intact brain capillaries. <i>Journal of Drug Targeting</i> , <b>2002</b> , 10, 337-44	5.4	93
215	Endocytosis and transcytosis of an immunoliposome-based brain drug delivery system. <i>Journal of Drug Targeting</i> , <b>2000</b> , 8, 435-46	5.4	92
214	Evidence for P-glycoprotein-modulated penetration of morphine-6-glucuronide into brain capillary endothelium. <i>British Journal of Pharmacology</i> , <b>1996</b> , 118, 1879-85	8.6	92
213	Mechanisms of increased bioavailability through amorphous solid dispersions: a review. <i>Drug Delivery</i> , <b>2020</b> , 27, 110-127	7	88
212	Biomimetic artificial organelles with in vitro and in vivo activity triggered by reduction in microenvironment. <i>Nature Communications</i> , <b>2018</b> , 9, 1127	17.4	87
211	Targeting of the photocytotoxic compound ALPcS4 to Hela cells by transferrin conjugated PEG-liposomes. <i>International Journal of Cancer</i> , <b>2002</b> , 101, 78-85	7.5	85
210	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> , <b>2008</b> , 154, 797-811	8.6	81
209	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> , <b>2015</b> , 15, 277-84	25.5	79
208	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> , <b>2014</b> , 42, 1514-21	4	78
207	Targeting of daunomycin using biotinylated immunoliposomes: pharmacokinetics, tissue distribution and in vitro pharmacological effects. <i>Journal of Drug Targeting</i> , <b>2005</b> , 13, 325-35	5.4	76
206	Receptor mediated delivery of daunomycin using immunoliposomes: pharmacokinetics and tissue distribution in the rat. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>1997</b> , 282, 1541-6	4.7	74
205	Drug loading into porous calcium carbonate microparticles by solvent evaporation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2014</b> , 87, 548-58	5.7	73
204	Oxantel pamoate-albendazole for <i>Trichuris trichiura</i> infection. <i>New England Journal of Medicine</i> , <b>2014</b> , 370, 610-20	59.2	72

203	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> , <b>2005</b> , 15, 4628-31	2.9	72
202	Interaction of the antiviral drug telaprevir with renal and hepatic drug transporters. <i>Biochemical Pharmacology</i> , <b>2012</b> , 84, 1096-102	6	71
201	Selective Oxidation of Methionine and Tryptophan Residues in a Therapeutic IgG1 Molecule. <i>Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 104, 2824-31	3.9	70
200	Drug interaction potential of resveratrol. <i>Drug Metabolism Reviews</i> , <b>2012</b> , 44, 253-65	7	70
199	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> , <b>2004</b> , 25, 37-49	1.7	69
198	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> , <b>2014</b> , 87, 318-28	5.7	67
197	Zebrafish as a preclinical in vivo screening model for nanomedicines. <i>Advanced Drug Delivery Reviews</i> , <b>2019</b> , 151-152, 152-168	18.5	67
196	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> , <b>2005</b> , 16, 3295-305	12.7	62
195	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> , <b>2017</b> , 264, 180-191	11.7	61
194	Computational prediction of blood-brain barrier permeability using decision tree induction. <i>Molecules</i> , <b>2012</b> , 17, 10429-45	4.8	54
193	Examination of blood-brain barrier transferrin receptor by confocal fluorescent microscopy of unfixed isolated rat brain capillaries. <i>Journal of Neurochemistry</i> , <b>1998</b> , 70, 883-6	6	53
192	Modulation of multidrug resistance protein expression in porcine brain capillary endothelial cells in vitro. <i>Drug Metabolism and Disposition</i> , <b>1999</b> , 27, 937-41	4	49
191	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> , <b>2015</b> , 58, 1358-71	8.3	48
190	Oral delivery of vancomycin by tetraether lipid liposomes. <i>European Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 108, 111-118	5.1	47
189	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> , <b>2016</b> , 16, 53-60	25.5	46
188	Induction of cytochrome P450 3A4 and P-glycoprotein by the isoxazolyl-penicillin antibiotic flucloxacillin. <i>Current Drug Metabolism</i> , <b>2006</b> , 7, 119-26	3.5	46
187	Polymersomes conjugated to 83-14 monoclonal antibodies: in vitro targeting of brain capillary endothelial cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2014</b> , 88, 316-24	5.7	45
186	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> , <b>2010</b> , 20, 1109-13	2.9	45

185	Spray Freeze Drying in a Fluidized Bed at Normal and Low Pressure. <i>Drying Technology</i> , <b>2006</b> , 24, 711-719	2.6	42
184	Tumor targeting using liposomal antineoplastic drugs. <i>International Journal of Nanomedicine</i> , <b>2008</b> , 3, 21-9	7.3	40
183	Extensive Chemical Modifications in the Primary Protein Structure of IgG1 Subvisible Particles Are Necessary for Breaking Immune Tolerance. <i>Molecular Pharmaceutics</i> , <b>2017</b> , 14, 1292-1299	5.6	39
182	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 Cote d'Ivoire: a randomised, controlled, single-blinded, non-inferiority trial. <i>Lancet Infectious Diseases</i> , <b>2017</b> , 17, 1162-1171	25.5	39
181	Variable asialoglycoprotein receptor 1 expression in liver disease: Implications for therapeutic intervention. <i>Hepatology Research</i> , <b>2016</b> , 46, 686-96	5.1	38
180	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> , <b>1995</b> , 674, 57-63		37
179	Interactions between silica nanoparticles and phospholipid membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2016</b> , 1858, 2163-2170	3.8	36
178	In silico prediction of brain and CSF permeation of small molecules using PLS regression models. <i>European Journal of Medicinal Chemistry</i> , <b>2008</b> , 43, 1581-92	6.8	36
177	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> , <b>2003</b> , 153, 356-65	2.3	36
176	Targeting of skeletal muscle in vitro using biotinylated immunoliposomes. <i>Biochemical Journal</i> , <b>2004</b> , 377, 61-7	3.8	36
175	Computational aqueous solubility prediction for drug-like compounds in congeneric series. <i>European Journal of Medicinal Chemistry</i> , <b>2008</b> , 43, 501-12	6.8	35
174	Fluorinated 9H-xanthene-9-carboxylic acid oxazol-2-yl-amides as potent, orally available mGlu1 receptor enhancers. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2009</b> , 19, 1666-9	2.9	34
173	Aryl- and heteroaryl-substituted aminobenzo[a]quinolizines as dipeptidyl peptidase IV inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2010</b> , 20, 1106-8	2.9	34
172	Functionalized calcium carbonate as a novel pharmaceutical excipient for the preparation of orally dispersible tablets. <i>Pharmaceutical Research</i> , <b>2013</b> , 30, 1915-25	4.5	33
171	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> , <b>2010</b> , 20, 6969-74	2.9	33
170	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> , <b>2002</b> , 245, 143-51	6.5	32
169	Floating gastroretentive drug delivery systems: Comparison of experimental and simulated dissolution profiles and floatation behavior. <i>European Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 58, 34-43	5.1	31
168	5-hydroxyindole-2-carboxylic acid amides: novel histamine-3 receptor inverse agonists for the treatment of obesity. <i>Journal of Medicinal Chemistry</i> , <b>2009</b> , 52, 3855-68	8.3	30

167	Comparative safety evaluation of silica-based particles. <i>Toxicology in Vitro</i> , <b>2015</b> , 30, 355-63	3.6	29
166	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> , <b>2018</b> , 67, 1247-1255	11.6	29
165	Impact of Solutol HS 15 on the pharmacokinetic behaviour of colchicine upon intravenous administration to male Wistar rats. <i>Biopharmaceutics and Drug Disposition</i> , <b>2003</b> , 24, 173-81	1.7	29
164	Transport of clonidine across cultured brain microvessel endothelial cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>1997</b> , 282, 81-5	4.7	29
163	Efficacy of Moxidectin Versus Ivermectin Against <i>Strongyloides stercoralis</i> Infections: A Randomized, Controlled Noninferiority Trial. <i>Clinical Infectious Diseases</i> , <b>2017</b> , 65, 276-281	11.6	28
162	Measuring tissue back-pressure--in vivo injection forces during subcutaneous injection. <i>Pharmaceutical Research</i> , <b>2015</b> , 32, 2229-40	4.5	28
161	Functionalized calcium carbonate microparticles for the delivery of proteins. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2018</b> , 122, 96-103	5.7	28
160	Compaction of functionalized calcium carbonate, a porous and crystalline microparticulate material with a lamellar surface. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 466, 266-75	6.5	28
159	Combinatorial QSAR modeling of human intestinal absorption. <i>Molecular Pharmaceutics</i> , <b>2011</b> , 8, 213-245.6		28
158	Molecular mimicry of trifluoroacetylated human liver protein adducts by constitutive proteins and immunochemical evidence for its impairment in halothane hepatitis. <i>FEBS Journal</i> , <b>1992</b> , 210, 569-76		27
157	In Vivo Stability of Therapeutic Proteins. <i>Pharmaceutical Research</i> , <b>2020</b> , 37, 23	4.5	27
156	Zebrafish as a predictive screening model to assess macrophage clearance of liposomes in vivo. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2019</b> , 17, 82-93	6	27
155	In vitro-in vivo extrapolation method to predict human renal clearance of drugs. <i>Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 103, 994-1001	3.9	26
154	Indocyanine green loaded biocompatible nanoparticles: Stabilization of indocyanine green (ICG) using biocompatible silica-poly( $\epsilon$ -caprolactone) grafted nanocomposites. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2013</b> , 261, 12-19	4.7	25
153	Preclinical hazard evaluation strategy for nanomedicines. <i>Nanotoxicology</i> , <b>2019</b> , 13, 73-99	5.3	25
152	Self-assembling chitosan hydrogel: A drug-delivery device enabling the sustained release of proteins. <i>Journal of Applied Polymer Science</i> , <b>2018</b> , 135, 45638	2.9	24
151	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> , <b>2016</b> , 33, 450-61	4.5	24
150	High-throughput viscosity measurement using capillary electrophoresis instrumentation and its application to protein formulation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2014</b> , 99, 51-8	3.5	24

149	Report from the EPAA workshop: in vitro ADME in safety testing used by EPAA industry sectors. <i>Toxicology in Vitro</i> , <b>2011</b> , 25, 589-604	3.6	24
148	Rapid optimization of liposome characteristics using a combined microfluidics and design-of-experiment approach. <i>Drug Delivery and Translational Research</i> , <b>2019</b> , 9, 404-413	6.2	24
147	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> , <b>2018</b> , 18, 864-873	25.5	24
146	Biocompatible polymer-Peptide hybrid-based DNA nanoparticles for gene delivery. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 10446-56	9.5	23
145	Cytokine signaling in the human brain capillary endothelial cell line hCMEC/D3. <i>Brain Research</i> , <b>2010</b> , 1354, 15-22	3.7	23
144	Current In Vitro Methods to Determine Hepatic Kp: A Comparison of Their Usefulness and Limitations. <i>Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 106, 2805-2814	3.9	22
143	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> , <b>2015</b> , 30, 175-88	2	22
142	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> , <b>2007</b> , 17, 1302-6	2.9	22
141	Excipients for Room Temperature Stable Freeze-Dried Monoclonal Antibody Formulations. <i>Journal of Pharmaceutical Sciences</i> , <b>2020</b> , 109, 807-817	3.9	22
140	PDMS-b-PMOXA polymersomes for hepatocyte targeting and assessment of toxicity. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2017</b> , 119, 322-332	5.7	21
139	Insights into possibilities for grouping and read-across for nanomaterials in EU chemicals legislation. <i>Nanotoxicology</i> , <b>2019</b> , 13, 119-141	5.3	21
138	Poly(Sarcosine) Surface Modification Imparts Stealth-Like Properties to Liposomes. <i>Small</i> , <b>2019</b> , 15, e1904716	20	20
137	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. <i>FEBS Journal</i> , <b>1992</b> , 207, 229-38		20
136	ATP-induced cellular stress and mitochondrial toxicity in cells expressing purinergic P2X7 receptor. <i>Pharmacology Research and Perspectives</i> , <b>2015</b> , 3, e00123	3.1	19
135	Sterile Filtration of Highly Concentrated Protein Formulations: Impact of Protein Concentration, Formulation Composition, and Filter Material. <i>Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 104, 3319-29	3.9	19
134	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> , <b>2016</b> , 118, 81-88	3.5	18
133	Hepatocyte targeting using pegylated asialofetuin-conjugated liposomes. <i>Journal of Drug Targeting</i> , <b>2014</b> , 22, 232-241	5.4	18
132	Determination of the Density of Protein Particles Using a Suspended Microchannel Resonator. <i>Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 104, 4034-4040	3.9	18

131	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> , <b>2011</b> , 46, 172-81	2.2	18
130	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> , <b>2010</b> , 173, 228-35	2.8	18
129	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> , <b>1992</b> , 184, 1344-9	3.4	18
128	The extended clearance model and its use for the interpretation of hepatobiliary elimination data. <i>ADMET and DMPK</i> , <b>2015</b> , 3,	1.3	18
127	In vitro characterization and mouthfeel study of functionalized calcium carbonate in orally disintegrating tablets. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 534, 50-59	6.5	17
126	Characterization of surface properties of glass vials used as primary packaging material for parenterals. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2018</b> , 125, 58-67	5.7	17
125	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> , <b>2016</b> , 86, 96-102	5.1	17
124	Stable human brain microvascular endothelial cell line retaining its barrier-specific nature independent of the passage number. <i>Clinical and Experimental Neuroimmunology</i> , <b>2013</b> , 4, 92-103	0.4	17
123	Synthesis and biological evaluation of fenobam analogs as mGlu5 receptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2007</b> , 17, 1307-11	2.9	17
122	Imaging Techniques to Characterize Cake Appearance of Freeze-Dried Products. <i>Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 107, 2810-2822	3.9	17
121	Selective stimulation of the JAK/STAT signaling pathway by silica nanoparticles in human endothelial cells. <i>Toxicology in Vitro</i> , <b>2017</b> , 42, 308-318	3.6	16
120	Characterization of transferrin receptor in an immortalized cell line of rat brain endothelial cells, RBE4. <i>Journal of Receptor and Signal Transduction Research</i> , <b>1999</b> , 19, 729-39	2.6	16
119	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> , <b>2016</b> , 10, e0005008	4.8	16
118	Bioinspired Molecular Factories with Architecture and In Vivo Functionalities as Cell Mimics. <i>Advanced Science</i> , <b>2020</b> , 7, 1901923	13.6	16
117	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	25.5	15
116	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> , <b>2010</b> , 20, 5713-7	2.9	15
115	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> , <b>2018</b> , 132, 127-145	5.7	15
114	Formation of lipid and polymer based gold nanohybrids using a nanoreactor approach. <i>RSC Advances</i> , <b>2015</b> , 5, 74320-74328	3.7	14



113	Factors Governing the Accuracy of Subvisible Particle Counting Methods. <i>Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 105, 2042-52	3.9	14
112	Mucoadhesive microparticles for local treatment of gastrointestinal diseases. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2016</b> , 105, 156-65	5.7	14
111	A cell-based, multiparametric sensor approach characterises drug-induced cytotoxicity in human liver HepG2 cells. <i>Toxicology in Vitro</i> , <b>2013</b> , 27, 1109-20	3.6	14
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