

Bart De Spiegeleer

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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.

217 papers	3,739 citations	31 h-index	47 g-index
230 ext. papers	4,429 ext. citations	4.6 avg, IF	5.34 L-index

#	Paper	IF	Citations
217	Cell-Penetrating Peptides Selectively Cross the Blood-Brain Barrier In Vivo. <i>PLoS ONE</i> , 2015 , 10, e0139652	3.7	124
216	The Effects of ARBs, ACEIs, and Statins on Clinical Outcomes of COVID-19 Infection Among Nursing Home Residents. <i>Journal of the American Medical Directors Association</i> , 2020 , 21, 909-914.e2	5.9	106
215	Quorumpeps database: chemical space, microbial origin and functionality of quorum sensing peptides. <i>Nucleic Acids Research</i> , 2013 , 41, D655-9	20.1	92
214	Alkamid database: Chemistry, occurrence and functionality of plant N-alkylamides. <i>Journal of Ethnopharmacology</i> , 2012 , 142, 563-90	5	91
213	Human skin penetration of selected model mycotoxins. <i>Toxicology</i> , 2012 , 301, 21-32	4.4	87
212	Api88 is a novel antibacterial designer peptide to treat systemic infections with multidrug-resistant Gram-negative pathogens. <i>ACS Chemical Biology</i> , 2012 , 7, 1281-91	4.9	83
211	Crosstalk between the microbiome and cancer cells by quorum sensing peptides. <i>Peptides</i> , 2015 , 64, 40-8	3.8	71
210	Peptides as Quorum Sensing Molecules: Measurement Techniques and Obtained Levels and. <i>Frontiers in Neuroscience</i> , 2017 , 11, 183	5.1	68
209	Disbiome database: linking the microbiome to disease. <i>BMC Microbiology</i> , 2018 , 18, 50	4.5	67
208	Related impurities in peptide medicines. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 101, 2-30	3.5	66
207	Spilanthes acmella ethanolic flower extract: LC-MS alkylamide profiling and its effects on sexual behavior in male rats. <i>Phytomedicine</i> , 2011 , 18, 1161-9	6.5	64
206	LC-MS profiling of N-alkylamides in Spilanthes acmella extract and the transmucosal behaviour of its main bio-active spilanthol. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 53, 243-9	3.5	63
205	Transdermal behaviour of the N-alkylamide spilanthol (affinin) from Spilanthes acmella (Compositae) extracts. <i>Journal of Ethnopharmacology</i> , 2010 , 127, 77-84	5	56
204	Serotonin 2A receptor, serotonin transporter and dopamine transporter alterations in dogs with compulsive behaviour as a promising model for human obsessive-compulsive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2012 , 201, 78-87	2.9	54
203	Brainpeps: the blood-brain barrier peptide database. <i>Brain Structure and Function</i> , 2012 , 217, 687-718	4	54
202	SIRT of liver metastases: physiological and pathophysiological considerations. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2012 , 39, 1646-55	8.8	53
201	The quorum sensing peptides PhrG, CSP and EDF promote angiogenesis and invasion of breast cancer cells in vitro. <i>PLoS ONE</i> , 2015 , 10, e0119471	3.7	52

200	Therapeutic treatment of Zika virus infection using a brain-penetrating antiviral peptide. <i>Nature Materials</i> , 2018 , 17, 971-977	27	52
199	Hydrophilic interaction LC of peptides: columns comparison and clustering. <i>Journal of Separation Science</i> , 2010 , 33, 728-39	3.4	48
198	Impurity profiling quality control testing of synthetic peptides using liquid chromatography-photodiode array-fluorescence and liquid chromatography-electrospray ionization-mass spectrometry: the obestatin case. <i>Analytical Biochemistry</i> , 2008 , 376, 229-34	3.1	47
197	Quality specifications for peptide drugs: a regulatory-pharmaceutical approach. <i>Journal of Peptide Science</i> , 2009 , 15, 697-710	2.1	45
196	In vitro metabolic stability of obestatin: kinetics and identification of cleavage products. <i>Peptides</i> , 2008 , 29, 1740-8	3.8	45
195	An elastic liposomal formulation for RNAi-based topical treatment of skin disorders: Proof-of-concept in the treatment of psoriasis. <i>International Journal of Pharmaceutics</i> , 2016 , 500, 268-74	6.5	44
194	Transdermal penetration behaviour of drugs: CART-clustering, QSPR and selection of model compounds. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 6943-55	3.4	42
193	Analytical characterization and comparison of the blood-brain barrier permeability of eight opioid peptides. <i>Peptides</i> , 2010 , 31, 1390-9	3.8	37
192	Evaluation of dissolution profiles using principal component analysis. <i>International Journal of Pharmaceutics</i> , 2001 , 212, 41-53	6.5	37
191	A new discriminative criterion for the development of Franz diffusion tests for transdermal pharmaceuticals. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2010 , 13, 218-30	3.4	36
190	C-type natriuretic peptide: a new cardiac mediator. <i>Peptides</i> , 2013 , 40, 93-8	3.8	34
189	In vivo imaging of apoptosis in oncology: an update. <i>Molecular Imaging</i> , 2011 , 10, 340-58	3.7	34
188	Adsorption of peptides at the sample drying step: influence of solvent evaporation technique, vial material and solution additive. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 49, 607-12	3.5	33
187	Chemical-functional diversity in cell-penetrating peptides. <i>PLoS ONE</i> , 2013 , 8, e71752	3.7	32
186	Central administration of obestatin fails to show inhibitory effects on food and water intake in mice. <i>Regulatory Peptides</i> , 2009 , 156, 77-82		31
185	Metabolic fate of lactoferricin-based antimicrobial peptides: effect of truncation and incorporation of amino acid analogs on the in vitro metabolic stability. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010 , 332, 1032-9	4.7	30
184	The effect of dry period length reduction to 28 days on the performance of multiparous dairy cows in the subsequent lactation. <i>Canadian Journal of Animal Science</i> , 2008 , 88, 449-456	0.9	29
183	Raman spectroscopy and multivariate analysis for the rapid discrimination between native-like and non-native states in freeze-dried protein formulations. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013 , 85, 263-71	5.7	28

182	Variation of the net charge, lipophilicity, and side chain flexibility in Dmt(1)-DALDA: Effect on Opioid Activity and Biodistribution. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 9549-61	8.3	28
181	Targeting the S1 and S3 subsite of trypsin with unnatural cationic amino acids generates antimicrobial peptides with potential for oral administration. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 6294-305	8.3	28
180	Half-fraction and full factorial designs versus central composite design for retention modelling in reversed-phase ion-pair liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1996 , 14, 525-41	3.5	28
179	Variation of inflammatory dynamics and mediators in primiparous cows after intramammary challenge with <i>Escherichia coli</i> . <i>Veterinary Research</i> , 2011 , 42, 15	3.8	27
178	Treatment of malaria and related symptoms using traditional herbal medicine in Ethiopia. <i>Journal of Ethnopharmacology</i> , 2018 , 213, 262-279	5	27
177	Skin penetration enhancing properties of the plant N-alkylamide spilanthol. <i>Journal of Ethnopharmacology</i> , 2013 , 148, 117-25	5	26
176	Criterion for evaluation and optimization in thin-layer chromatography. <i>Analytical Chemistry</i> , 1987 , 59, 62-64	7.8	26
175	Circular dichroism in functional quality evaluation of medicines. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 147, 50-64	3.5	25
174	Differential gene expression of the toll-like receptor-4 cascade and neutrophil function in early- and mid-lactating dairy cows. <i>Journal of Dairy Science</i> , 2011 , 94, 1277-88	4	25
173	An integrated view on how the management of the dry period length of lactating cows could affect mammary biology and defence. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2010 , 94, e7-30	2.6	25
172	Quorum Sensing Peptides Selectively Penetrate the Blood-Brain Barrier. <i>PLoS ONE</i> , 2015 , 10, e0142071	3.7	25
171	Chiral nickel(II) complexes in the preparation of ¹¹ C- and ¹⁸ F-labelled enantiomerically pure amino acids. <i>Dalton Transactions</i> , 2012 , 41, 1430-40	4.3	24
170	Blood-brain barrier transport of short proline-rich antimicrobial peptides. <i>Protein and Peptide Letters</i> , 2014 , 21, 399-406	1.9	24
169	Quality of medicines commonly used in the treatment of soil transmitted helminths and giardia in ethiopia: a nationwide survey. <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e3345	4.8	23
168	Improved positive electrospray ionization of patulin by adduct formation: usefulness in liquid chromatography-tandem mass spectrometry multi-mycotoxin analysis. <i>Journal of Chromatography A</i> , 2012 , 1270, 334-9	4.5	23
167	Neuro-imaging the serotonin 2A receptor as a valid biomarker for canine behavioural disorders. <i>Research in Veterinary Science</i> , 2011 , 91, 465-72	2.5	23
166	Quality analytics of Internet pharmaceuticals. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 398, 125-36	4.4	23
165	¹²³ I/ ¹²⁵ I-labelled 2-iodo-L: -phenylalanine and 2-iodo-D: -phenylalanine: comparative uptake in various tumour types and biodistribution in mice. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2006 , 33, 919-27	8.8	23

164	Faecal microbiota transplantation: a regulatory hurdle?. <i>BMC Gastroenterology</i> , 2017 , 17, 128	3	22
163	Androgenic and spermatogenic activity of alkylamide-rich ethanol solution extract of <i>Anacyclus pyrethrum</i> DC. <i>Phytotherapy Research</i> , 2013 , 27, 99-106	6.7	22
162	The mycotoxin definition reconsidered towards fungal cyclic depsipeptides. <i>Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews</i> , 2016 , 34, 114-35	4.5	21
161	Screening of quorum sensing peptides for biological effects in neuronal cells. <i>Peptides</i> , 2018 , 101, 150-156	5.8	20
160	Vancomycin release from poly(D,L-lactic acid) spray-coated hydroxyapatite fibers. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010 , 76, 366-70	5.7	20
159	In vitro evaluation of gentamicin- and vancomycin-containing minitablets as a replacement for fortified eye drops. <i>Drug Development and Industrial Pharmacy</i> , 2010 , 36, 1259-70	3.6	20
158	A novel bending point criterion for dissolution profile interpretation. <i>Drug Development and Industrial Pharmacy</i> , 2001 , 27, 885-92	3.6	20
157	A strategy for two-dimensional, high-performance thin-layer chromatography, applied to local anesthetics. <i>Chromatographia</i> , 1987 , 23, 407-411	2.1	20
156	Assessment of Efficacy and Quality of Two Albendazole Brands Commonly Used against Soil-Transmitted Helminth Infections in School Children in Jimma Town, Ethiopia. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0004057	4.8	20
155	Pharmaceutical Regulatory Framework in Ethiopia: A Critical Evaluation of Its Legal Basis and Implementation. <i>Ethiopian Journal of Health Sciences</i> , 2016 , 26, 259-76	1.1	20
154	Analysis of illegal peptide drugs via HILIC-DAD-MS. <i>Talanta</i> , 2017 , 174, 562-571	6.2	19
153	PSMA-Targeting Positron Emission Agents for Imaging Solid Tumors Other Than Non-Prostate Carcinoma: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	19
152	LC-MS N-alkylamide profiling of an ethanolic <i>Anacyclus pyrethrum</i> root extract. <i>Planta Medica</i> , 2012 , 78, 1787-95	3.1	19
151	Quorum sensing molecules as a novel microbial factor impacting muscle cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020 , 1866, 165646	6.9	19
150	Determination of the relative amounts of three crystal forms of a benzimidazole drug in complex finished formulations by FT-Raman spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005 , 39, 275-80	3.5	18
149	Fish Hydrolysates: A Regulatory Perspective of Bioactive Peptides. <i>Protein and Peptide Letters</i> , 2016 , 23, 1052-1060	1.9	18
148	An analytical quality by design (aQbD) approach for a L-asparaginase activity method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 117, 232-9	3.5	17
147	Ion mobility spectrometry as a high-throughput technique for in vitro transdermal Franz diffusion cell experiments of ibuprofen. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011 , 55, 472-8	3.5	17

146	Analysis of iodinated peptides by LC-DAD/ESI ion trap mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 850, 213-20	3.2	17
145	The importance of the cosolvent propylene glycol on the antimicrobial preservative efficacy of a pharmaceutical formulation by DOE-ruggedness testing. <i>Pharmaceutical Development and Technology</i> , 2006 , 11, 275-84	3.4	17
144	Peptides as epigenetic modulators: therapeutic implications. <i>Clinical Epigenetics</i> , 2019 , 11, 101	7.7	16
143	A rapid stability-indicating, fused-core HPLC method for simultaneous determination of Artemether and lumefantrine in anti-malarial fixed dose combination products. <i>Malaria Journal</i> , 2013 , 12, 145	3.6	16
142	Anaphylatoxin C5a-induced toll-like receptor 4 signaling in bovine neutrophils. <i>Journal of Dairy Science</i> , 2011 , 94, 152-64	4	16
141	LC-UV/MS characterization and DOE optimization of the iodinated peptide obestatin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 46, 127-36	3.5	16
140	Planar chromatography of Echinacea species extracts with automated multiple development. <i>Analyst, The</i> , 1989 , 114, 1021	5	16
139	Surface acoustic wave biosensor as a functional quality method in pharmaceuticals. <i>Sensors and Actuators B: Chemical</i> , 2015 , 210, 103-112	8.5	15
138	Relative response factor determination of Artemether degradants by a dry heat stress approach. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 70, 111-6	3.5	15
137	Stability-indicating HPLC-DAD/UV-ESI/MS impurity profiling of the anti-malarial drug lumefantrine. <i>Malaria Journal</i> , 2011 , 10, 51	3.6	15
136	Local skin pharmacokinetics of talarozole, a new retinoic acid metabolism-blocking agent. <i>Skin Pharmacology and Physiology</i> , 2011 , 24, 151-9	3	15
135	Chemical Classification of Cyclic Depsipeptides. <i>Current Protein and Peptide Science</i> , 2017 , 18, 425-452	2.8	15
134	Biodistribution of the cyclotide MCoTI-II, a cyclic disulfide-rich peptide drug scaffold. <i>Journal of Peptide Science</i> , 2016 , 22, 305-10	2.1	15
133	BBPpred: Sequence-Based Prediction of Blood-Brain Barrier Peptides with Feature Representation Learning and Logistic Regression. <i>Journal of Chemical Information and Modeling</i> , 2021 , 61, 525-534	6.1	15
132	The influence of peptide impurity profiles on functional tissue-organ bath response: the 11-mer peptide INSL6[151-161] case. <i>Analytical Biochemistry</i> , 2012 , 421, 547-55	3.1	14
131	Dry heat stress stability evaluation of casein peptide mixture. <i>Food Chemistry</i> , 2011 , 128, 114-22	8.5	14
130	Classification of Peptides According to their Blood-Brain Barrier Influx. <i>Protein and Peptide Letters</i> , 2015 , 22, 768-75	1.9	14
129	The Quality of Medicines Used in Children and Supplied by Private Pharmaceutical Wholesalers in Kinshasa, Democratic Republic of Congo: A Prospective Survey. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018 , 98, 894-903	3.2	14

128	Blood-brain barrier transport kinetics of the cyclic depsipeptide mycotoxins beauvericin and enniatins. <i>Toxicology Letters</i> , 2016 , 258, 175-184	4.4	13
127	Falsification of biotechnology drugs: current dangers and/or future disasters?. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 161, 175-191	3.5	13
126	Analytical quality-by-design approach for sample treatment of BSA-containing solutions. <i>Journal of Pharmaceutical Analysis</i> , 2015 , 5, 27-32	14	13
125	Assessment of the solid-state composition of an active salicylanilide compound by FT-Raman spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007 , 44, 254-7	3.5	13
124	Blood-brain barrier transport kinetics of the neuromedin peptides NMU, NMN, NMB and NT. <i>Neuropharmacology</i> , 2016 , 107, 460-470	5.5	13
123	Human skin permeation of emerging mycotoxins (beauvericin and enniatins). <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2016 , 26, 277-87	6.7	12
122	Quality evaluation of synthetic quorum sensing peptides used in R&D. <i>Journal of Pharmaceutical Analysis</i> , 2015 , 5, 169-181	14	12
121	Exploring the chemical space of quorum sensing peptides. <i>Biopolymers</i> , 2015 , 104, 544-51	2.2	12
120	Regulatory development of geriatric medicines: To GIP or not to GIP?. <i>Ageing Research Reviews</i> , 2016 , 27, 23-36	12	12
119	Reversed-phase fused-core HPLC modeling of peptides. <i>Journal of Pharmaceutical Analysis</i> , 2013 , 3, 93-104	14	12
118	Quality control of cationic cell-penetrating peptides. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 117, 289-97	3.5	11
117	LC-UV/MS quality analytics of paediatric artemether formulations. <i>Journal of Pharmaceutical Analysis</i> , 2014 , 4, 37-52	14	11
116	Metabolic and morphological measurements of subcutaneous and visceral fat and their relationship with disease stage and overall survival in newly diagnosed pancreatic adenocarcinoma : Metabolic and morphological fat measurements in pancreatic adenocarcinoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017 , 44, 110-116	8.8	11
115	Recognition of anatomical predilection sites in canine elbow pathology on bone scans using micro-single photon emission tomography. <i>Veterinary Journal</i> , 2011 , 188, 64-72	2.5	11
114	Stability of extemporaneously prepared cytarabine, methotrexate sodium, and methylprednisolone sodium succinate. <i>American Journal of Health-System Pharmacy</i> , 2012 , 69, 232-40	2.2	11
113	The influence of morphine on cerebral 5-HT _{2A} availability in dogs: a SPECT study. <i>Journal of Nuclear Medicine</i> , 2012 , 53, 1969-73	8.9	11
112	Evaluation of serotonin-2A receptor occupancy with ¹²³ I-5-I-R91150 and single-photon emission tomography before and after low-dose pipamperone administration in the canine brain. <i>Nuclear Medicine Communications</i> , 2008 , 29, 724-9	1.6	11
111	Structural characterization of cisplatin analogues by fast atom bombardment (FAB) and laser microprobe mass spectrometry (LAMMA). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1989 , 7, 1599-610	3.5	11

110	Development of peptide and protein based radiopharmaceuticals. <i>Current Pharmaceutical Design</i> , 2014 , 20, 2250-67	3.3	11
109	The effects of ARBs, ACEIs and statins on clinical outcomes of COVID-19 infection among nursing home residents		11
108	-alkylamide profiling of and extracts by liquid and gas chromatography-mass spectrometry. <i>Journal of Pharmaceutical Analysis</i> , 2017 , 7, 34-47	14	10
107	Peptide profiling of Internet-obtained Cerebrolysin using high performance liquid chromatography - electrospray ionization ion trap and ultra high performance liquid chromatography - ion mobility - quadrupole time of flight mass spectrometry. <i>Drug Testing and Analysis</i> , 2015 , 7, 835-42	3.5	10
106	Compromised neutrophil function and bovine E. coli mastitis: is C5a the missing link?. <i>Veterinary Immunology and Immunopathology</i> , 2012 , 149, 151-6	2	10
105	In vitro metabolic stability of iodinated obestatin peptides. <i>Peptides</i> , 2012 , 33, 272-8	3.8	10
104	The potential role of quorum-sensing peptides in oncology. <i>Medical Hypotheses</i> , 2012 , 78, 814-7	3.8	10
103	Differential microRNA expression analysis in blastocysts by whole mount in situ hybridization and reverse transcription quantitative polymerase chain reaction on laser capture microdissection samples. <i>Analytical Biochemistry</i> , 2012 , 423, 93-101	3.1	10
102	5-HT _{2A} receptors in the feline brain: 123I-5-I-R91150 kinetics and the influence of ketamine measured with micro-SPECT. <i>Journal of Nuclear Medicine</i> , 2013 , 54, 1428-33	8.9	10
101	Desirability function combining metabolic stability and functionality of peptides. <i>Journal of Peptide Science</i> , 2011 , 17, 398-404	2.1	10
100	Analytical, biopharmaceutical and regulatory evaluation of topical testosterone preparations. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009 , 72, 275-81	5.7	10
99	Quality analysis of salmon calcitonin in a polymeric bioadhesive pharmaceutical formulation: sample preparation optimization by DOE. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 53, 939-45	3.5	10
98	Dissolution stability and IVIVC investigation of a buccal tablet. <i>Analytica Chimica Acta</i> , 2001 , 446, 343-348	0.6	10
97	LC-MS Compatible Antiadsorption Diluent for Peptide Analysis. <i>Analytical Chemistry</i> , 2020 , 92, 1712-1719	3.8	10
96	A Surface Acoustic Wave (SAW) biosensor method for functional quantification of E. colil-asparaginase. <i>Talanta</i> , 2019 , 203, 9-15	6.2	9
95	Implementation of a single quad MS detector in routine QC analysis of peptide drugs. <i>Journal of Pharmaceutical Analysis</i> , 2016 , 6, 24-31	14	9
94	Analytical characterization of NOTA-modified somatropins. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 96, 1-9	3.5	9
93	Quantitative transdermal behavior of pellitorine from <i>Anacyclus pyrethrum</i> extract. <i>Phytomedicine</i> , 2014 , 21, 1801-7	6.5	9

92	Raman model development for the protein conformational state classification in different freeze-dried formulations. <i>Analytica Chimica Acta</i> , 2014 , 825, 42-50	6.6	9
91	Comparative biodistribution study of the new tumor tracer [123I]-2-iodo-L-phenylalanine with [123I]-2-iodo-L-tyrosine. <i>Nuclear Medicine and Biology</i> , 2006 , 33, 111-7	2.1	9
90	Mucosal and blood-brain barrier transport kinetics of the plant N-alkylamide spilanthol using in vitro and in vivo models. <i>BMC Complementary and Alternative Medicine</i> , 2016 , 16, 177	4.7	9
89	Environmental risk assessment of the anthelmintic albendazole in Eastern Africa, based on a systematic review. <i>Environmental Pollution</i> , 2021 , 269, 116106	9.3	9
88	Enniatin-containing solutions for oromucosal use: Quality-by-design ex-vivo transmucosal risk assessment of composition variability. <i>International Journal of Pharmaceutics</i> , 2015 , 491, 144-51	6.5	8
87	Blood-brain transfer and antinociception of linear and cyclic N-methyl-guanidine and thiourea-enkephalins. <i>Peptides</i> , 2015 , 63, 10-21	3.8	8
86	Dry heat forced degradation of buserelin peptide: kinetics and degradant profiling. <i>International Journal of Pharmaceutics</i> , 2014 , 467, 48-9	6.5	8
85	Chromatography of Quorum Sensing Peptides: An Important Functional Class of the Bacterial Peptidome. <i>Chromatographia</i> , 2018 , 81, 25-40	2.1	7
84	UHPLC-MS/MS method for the determination of the cyclic depsipeptide mycotoxins beauvericin and enniatins in in vitro transdermal experiments. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 100, 50-57	3.5	7
83	Quantitative analysis of cis-dichlorodiammineplatinum(II) by high-performance thin-layer chromatography. <i>Journal of Chromatography A</i> , 1984 , 315, 481-7	4.5	7
82	Hydrophilic interaction liquid chromatography method development and validation for the assay of HEPES zwitterionic buffer. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 135, 227-233	3.5	6
81	Roscoe and Showed Antiplasmodial Activities against in a Dose-dependent Manner in Ethiopia. <i>Ethiopian Journal of Health Sciences</i> , 2018 , 28, 655-664	1.1	6
80	Quality of anthelmintic medicines available in Jimma Ethiopia. <i>Acta Tropica</i> , 2018 , 177, 157-163	3.2	6
79	Cysteamine broadly improves the anti-plasmodial activity of artemisinins against murine blood stage and cerebral malaria. <i>Malaria Journal</i> , 2016 , 15, 260	3.6	6
78	Impurity profiling of the most frequently encountered falsified polypeptide drugs on the Belgian market. <i>Talanta</i> , 2018 , 188, 795-807	6.2	6
77	Investigation of active pharmaceutical ingredient loss in pharmaceutical compounding of capsules. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 96, 68-76	3.5	6
76	Normal regional distribution of cerebral blood flow in dogs: comparison between (99m) Tc-ethylcysteinate dimer and (99m) Tc- hexamethylpropylene amine oxime single photon emission computed tomography. <i>Veterinary Radiology and Ultrasound</i> , 2013 , 54, 403-407	1.2	6
75	Quantitative p retreatment VOI analysis of liver metastases. (99m)Tc-MAA SPECT/CT and FDG PET/CT in relation with treatment response to SIRT. <i>Nuklearmedizin - Nuclear Medicine</i> , 2013 , 52, 21-7	1.8	6

74	Direct assay for phosphotransacetylase and acetyl-coenzyme A carboxylase by high-performance liquid chromatography. <i>Analytical Biochemistry</i> , 1986 , 158, 195-200	3.1	6
73	The influence of the acyl chain on the transdermal penetration-enhancing effect of synthetic phytoceramides. <i>Skin Pharmacology and Physiology</i> , 2015 , 28, 124-36	3	5
72	Effect of ketamine on the regional cerebral blood flow and binding index of the 5-HT _{2A} receptor radioligand 123I-R91150 in the canine brain. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2015 , 10, 332-337	1.9	5
71	Implementation of a single quad MS detector in high-throughput transdermal research of plant extracts. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 115, 594-602	3.5	5
70	Regulatory status of N-alkylamide containing health products. <i>Regulatory Toxicology and Pharmacology</i> , 2018 , 98, 215-223	3.4	5
69	Derringer desirability and kinetic plot LC-column comparison approach for MS-compatible lipopeptide analysis. <i>Journal of Pharmaceutical Analysis</i> , 2014 , 4, 173-182	14	5
68	Risk evaluation of impurities in topical excipients: The acetol case. <i>Journal of Pharmaceutical Analysis</i> , 2014 , 4, 303-315	14	5
67	Identification of a microscopically selected microorganism in milk samples. <i>Journal of Dairy Science</i> , 2014 , 97, 609-15	4	5
66	Increase of the transdermal penetration of testosterone by miconazole nitrate. <i>Archives of Pharmacal Research</i> , 2012 , 35, 2163-70	6.1	5
65	Transsplenic portal scintigraphy using 99mTc-pertechnetate for the diagnosis of portosystemic shunts in cats: a retrospective review of 12 patients. <i>Journal of Feline Medicine and Surgery</i> , 2013 , 15, 1123-31	2.3	5
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