

Kin Tam

List of Publications by Year in descending order

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137
papers

4,555
citations

117571

34
h-index

118793

62
g-index

140
all docs

140
docs citations

140
times ranked

6007
citing authors

#	ARTICLE	IF	CITATIONS
1	pH-metric logP 10. Determination of liposomal membrane-water partition coefficients of ionizable drugs. <i>Pharmaceutical Research</i> , 1998, 15, 209-215.	1.7	369
2	PH-metric log P 11. p K a determination of water-insoluble drugs in organic solvent-water mixtures. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1999, 20, 631-641.	1.4	225
3	Discovery of 4-[4-[(3 <i>R</i>)-3-Methylmorpholin-4-yl]-6-[1-(methylsulfonyl)cyclopropyl]pyrimidin-2-yl]-1 <i>H</i> -indole (AZ20): A Potent and Selective Inhibitor of ATR Protein Kinase with Monotherapy in Vivo Antitumor Activity. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 2125-2138.	2.9	190
4	Multiwavelength spectrophotometric determination of acid dissociation constants of ionizable drugs. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1998, 17, 699-712.	1.4	167
5	Multi-wavelength spectrophotometric determination of acid dissociation constants: a validation study. <i>Analytica Chimica Acta</i> , 2001, 434, 157-167.	2.6	152
6	Pathological mechanisms and therapeutic strategies for Alzheimer's disease. <i>Neural Regeneration Research</i> , 2022, 17, 543.	1.6	146
7	Colloidal stable silica encapsulated nano-magnetic composite as a novel bio-catalyst carrier Electronic Supplementary Information (ESI) available: XRD in Fig. S1; TEM in Fig. S2; SEM in Fig. S3; EDS in Tables; Magnetisation in Fig. S4; Material reusability upon magnetic separation in Fig. S5; Regression in Fig. S6. See http://www.rsc.org/suppdata/cc/b3/b310435d/ . <i>Chemical Communications</i> , 2002, , 2888.	2.2	134
8	Silica-Encapsulated Nanomagnetic Particle as a New Recoverable Biocatalyst Carrier. <i>Journal of Physical Chemistry B</i> , 2006, 110, 16914-16922.	1.2	134
9	Calculation of Abraham descriptors from solvent-water partition coefficients in four different systems; evaluation of different methods of calculation. <i>Perkin Transactions II RSC</i> , 2002, , 470-477.	1.1	117
10	Targeting Tumor Metabolism for Cancer Treatment: Is Pyruvate Dehydrogenase Kinases (PDKs) a Viable Anticancer Target?. <i>International Journal of Biological Sciences</i> , 2015, 11, 1390-1400.	2.6	113
11	Immobilization of BSA on Silica-Coated Magnetic Iron Oxide Nanoparticle. <i>Journal of Physical Chemistry C</i> , 2009, 113, 537-543.	1.5	99
12	Study of Catalytic Sites on Ruthenium For Hydrogenation of <i>N</i> -ethylcarbazole: Implications of Hydrogen Storage via Reversible Catalytic Hydrogenation. <i>Journal of Physical Chemistry C</i> , 2010, 114, 9720-9730.	1.5	97
13	Calculation of Abraham descriptors from experimental data from seven HPLC systems; evaluation of five different methods of calculation Electronic supplementary information (ESI) available: Tables S1 to S5. See http://www.rsc.org/suppdata/p2/b2/b206927j/ . <i>Perkin Transactions II RSC</i> , 2002, , 2001-2010.	1.1	94
14	How Well Can the Caco-2/Madinâˆ”Darby Canine Kidney Models Predict Effective Human Jejunal Permeability?. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 3566-3584.	2.9	93
15	Comparison of catalytic performance of supported ruthenium and rhodium for hydrogenation of 9-ethylcarbazole for hydrogen storage applications. <i>Energy and Environmental Science</i> , 2012, 5, 8621.	15.6	92
16	Linagliptin, a Dipeptidyl Peptidase-4 Inhibitor, Mitigates Cognitive Deficits and Pathology in the 3xTg-AD Mouse Model of Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2017, 54, 6074-6084.	1.9	86
17	Comparative Study of Catalytic Hydrogenation of 9-Ethylcarbazole for Hydrogen Storage over Noble Metal Surfaces. <i>Journal of Physical Chemistry C</i> , 2012, 116, 7421-7429.	1.5	81
18	Multiwavelength spectrophotometric determination of acid dissociation constants. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2000, 21, 1171-1182.	1.4	80

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19	A combined spectroscopic and crystallographic approach to probing drug-human serum albumin interactions. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 7486-7496.	1.4	75
20	Combination Strategies Using EGFR-TKi in NSCLC Therapy: Learning from the Gap between Pre-Clinical Results and Clinical Outcomes. <i>International Journal of Biological Sciences</i> , 2018, 14, 204-216.	2.6	75
21	Development of pyruvate dehydrogenase kinase inhibitors in medicinal chemistry with particular emphasis as anticancer agents. <i>Drug Discovery Today</i> , 2015, 20, 1112-1119.	3.2	69
22	Chemoembolization agents for cancer treatment. <i>European Journal of Pharmaceutical Sciences</i> , 2011, 44, 1-10.	1.9	61
23	Lipophilicity Profiles: Theory and Measurement. , 0, , 275-304.		52
24	Quinazolinone azolyl ethanols: potential lead antimicrobial agents with dual action modes targeting methicillin-resistant <i>Staphylococcus aureus</i> DNA. <i>Future Medicinal Chemistry</i> , 2016, 8, 1927-1940.	1.1	51
25	The Permeation of Amphoteric Drugs through Artificial Membranes - An in Combo Absorption Model Based on Paracellular and Transmembrane Permeability. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 392-401.	2.9	50
26	Synthesis and Fabrication of a Thin Film Containing Silica-Encapsulated Face-Centered Tetragonal FePt Nanoparticles. <i>Advanced Materials</i> , 2006, 18, 2312-2314.	11.1	48
27	Unexpected Discovery of Dichloroacetate Derived Adenosine Triphosphate Competitors Targeting Pyruvate Dehydrogenase Kinase To Inhibit Cancer Proliferation. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 3562-3568.	2.9	42
28	Targeting cancer metabolism to develop human lactate dehydrogenase (hLDH)5 inhibitors. <i>Drug Discovery Today</i> , 2018, 23, 1407-1415.	3.2	42
29	The discovery of AZD5597, a potent imidazole pyrimidine amide CDK inhibitor suitable for intravenous dosing. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 6369-6373.	1.0	41
30	Pharmacokinetics screening for multi-components absorbed in the rat plasma after oral administration of traditional Chinese medicine Flos Lonicerae Japonicae-Fructus Forsythiae herb couple by sequential negative and positive ionization ultra-high-performance liquid chromatography/tandem triple quadrupole mass spectrometric detection. <i>Journal of Chromatography A</i> , 2015, 1376, 84-97.	1.8	41
31	A study of the vibronic structure in the HeI excited photoelectron spectrum of CO ₂ involving the X ² Σ ⁺ and A ² Π ⁺ ionic states. <i>Journal of Chemical Physics</i> , 1996, 104, 8922-8931.	1.2	40
32	Applications of the channel flow cell for UV-visible spectroelectrochemical studies Part 3. Do radical cations and anions have similar diffusion coefficients to their neutral parent molecules?. <i>Journal of Electroanalytical Chemistry</i> , 1997, 434, 105-114.	1.9	40
33	Multiwavelength Spectrophotometric Resolution of the Micro-Equilibria of Cetirizine.. <i>Analytical Sciences</i> , 2001, 17, 1203-1208.	0.8	36
34	Metabolic reprogramming of ovarian cancer involves ACSL1-mediated metastasis stimulation through upregulated protein myristoylation. <i>Oncogene</i> , 2021, 40, 97-111.	2.6	36
35	Kinetics and Mechanism of Dyeing Processes: The Dyeing of Cotton Fabrics with a Procion Blue Dichlorotriazinyl Reactive Dye. <i>Journal of Colloid and Interface Science</i> , 1997, 186, 387-398.	5.0	35
36	Multiwavelength spectrophotometric determination of acid dissociation constants. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1999, 20, 289-295.	1.4	35

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37	Cytoskeleton Molecular Motors: Structures and Their Functions in Neuron. <i>International Journal of Biological Sciences</i> , 2016, 12, 1083-1092.	2.6	35
38	Applications of the channel flow cell for UV-visible spectroelectrochemical studies: The kinetics of dimerization of the methyl viologen radical cation. <i>Electroanalysis</i> , 1997, 9, 219-224.	1.5	34
39	Multiwavelength spectrophotometric determination of acid dissociation constants Part IV. Water-insoluble pyridine derivatives. <i>Talanta</i> , 1999, 49, 539-546.	2.9	31
40	Predicting the exposure and antibacterial activity of fluoroquinolones based on physicochemical properties. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 47, 21-27.	1.9	31
41	Causal interactions in resting-state networks predict perceived loneliness. <i>PLoS ONE</i> , 2017, 12, e0177443.	1.1	31
42	New magnetic nano-absorbent for the determination of n-octanol/water partition coefficients. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 38, 197-203.	1.4	29
43	Abstract 2348: Discovery of AZD6738, a potent and selective inhibitor with the potential to test the clinical efficacy of ATR kinase inhibition in cancer patients.. <i>Cancer Research</i> , 2013, 73, 2348-2348.	0.4	29
44	In Situ Artificial Membrane Permeation Assay under Hydrodynamic Control: Permeability-pH Profiles of Warfarin and Verapamil. <i>Pharmaceutical Research</i> , 2010, 27, 1644-1658.	1.7	28
45	Chapter 5 Chemical Methods for Preparation of Nanoparticles in Solution. <i>Handbook of Metal Physics</i> , 2008, 5, 113-141.	0.0	27
46	Permeation of a Fully Ionized Species Across a Polarized Supported Liquid Membrane. <i>Analytical Chemistry</i> , 2012, 84, 2541-2547.	3.2	26
47	High throughput solubility determination with application to selection of compounds for fragment screening. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 6611-6616.	1.4	25
48	Anti-cancer synergy of dichloroacetate and EGFR tyrosine kinase inhibitors in NSCLC cell lines. <i>European Journal of Pharmacology</i> , 2016, 789, 458-467.	1.7	24
49	Inhibition of pyruvate dehydrogenase kinase 1 enhances the anti-cancer effect of EGFR tyrosine kinase inhibitors in non-small cell lung cancer. <i>European Journal of Pharmacology</i> , 2018, 838, 41-52.	1.7	24
50	The Roles of Doxorubicin in Hepatocellular Carcinoma. <i>ADMET and DMPK</i> , 2013, 1, .	1.1	22
51	Astemizole Inhibits mTOR Signaling and Angiogenesis by Blocking Cholesterol Trafficking. <i>International Journal of Biological Sciences</i> , 2018, 14, 1175-1185.	2.6	22
52	Monodisperse Binary Nanocomposite in Silica with Enhanced Magnetization for Magnetic Separation. <i>Journal of Physical Chemistry C</i> , 2007, 111, 7879-7882.	1.5	21
53	Neuroprotective Effect of SLM, a Novel Carbazole-Based Fluorophore, on SH-SY5Y Cell Model and 3xTg-AD Mouse Model of Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , 2017, 8, 676-685.	1.7	21
54	Geniposide improves insulin production and reduces apoptosis in high glucose-induced glucotoxic insulinoma cells. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 110, 70-76.	1.9	20

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55	Multivariate study of kinetic data for a two-step consecutive reaction using target factor analysis. <i>Chemometrics and Intelligent Laboratory Systems</i> , 1994, 25, 25-42.	1.8	19
56	Synthesis and Characterization of Thiol-Capped FePt Nanomagnetic Porous Particles. <i>Small</i> , 2005, 1, 949-952.	5.2	19
57	Mechanism of Solid/Liquid Interfacial Reactions. The Hydrolytic Dissolution of Solid Triphenylmethyl Chloride in Aqueous Solution. <i>Journal of the American Chemical Society</i> , 1996, 118, 4419-4426.	6.6	18
58	Applications of the channel flow cell for UV-visible spectroelectrochemical studies. Part 2: Transient signals. <i>Electroanalysis</i> , 1997, 9, 284-287.	1.5	18
59	Palladium with interstitial carbon atoms as a catalyst for ultraselective hydrogenation in the liquid phase. <i>Catalysis Science and Technology</i> , 2011, 1, 1584.	2.1	18
60	The Scalp Time-Varying Networks of N170: Reference, Latency, and Information Flow. <i>Frontiers in Neuroscience</i> , 2018, 12, 250.	1.4	18
61	On the stability of the silver/silver sulfate reference electrode. <i>Analytical Methods</i> , 2012, 4, 1207.	1.3	17
62	Spectrophotometric pKa determination of ionizable pharmaceuticals: Resolution of molecules with weak pH-dependent spectral shift. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 114, 88-96.	1.4	17
63	Combined use of arginase and dichloroacetate exhibits anti-proliferative effects in triple negative breast cancer cells. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 306-315.	1.2	17
64	A NEW MULTIWAVELENGTH SPECTROPHOTOMETRIC METHOD FOR THE DETERMINATION OF THE MOLAR ABSORPTION COEFFICIENTS OF IONIZABLE DRUGS. <i>Spectroscopy Letters</i> , 2002, 35, 9-19.	0.5	16
65	Hydrodynamic voltammetry at the liquid-liquid interface: Application to the transfer of ionised drug molecules. <i>Journal of Electroanalytical Chemistry</i> , 2012, 683, 94-102.	1.9	16
66	Mechanism of Ion Transfer in Supported Liquid Membrane Systems: Electrochemical Control over Membrane Distribution. <i>Analytical Chemistry</i> , 2014, 86, 435-442.	3.2	16
67	Liquid Chromatography-Tandem Mass Spectrometry Method Revealed that Lung Cancer Cells Exhibited Distinct Metabolite Profiles upon the Treatment with Different Pyruvate Dehydrogenase Kinase Inhibitors. <i>Journal of Proteome Research</i> , 2018, 17, 3012-3021.	1.8	16
68	Anticancer effects of some novel dichloroacetophenones through the inhibition of pyruvate dehydrogenase kinase 1. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 123, 43-55.	1.9	15
69	Sphingolipidomic Analysis of <i>C. elegans</i> reveals Development- and Environment-dependent Metabolic Features. <i>International Journal of Biological Sciences</i> , 2019, 15, 2897-2910.	2.6	15
70	Targeting glucose metabolism to develop anticancer treatments and therapeutic patents. <i>Expert Opinion on Therapeutic Patents</i> , 2022, 32, 441-453.	2.4	15
71	GAMATCH - a genetic algorithm-based program for indexing crystal faces. <i>Journal of Applied Crystallography</i> , 1995, 28, 640-645.	1.9	14
72	Multiwavelength Spectrophotometric Resolution of the Micro-Equilibria of a Triprotic Amphoteric Drug: Methacycline. <i>Mikrochimica Acta</i> , 2001, 136, 91-97.	2.5	14

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73	Assembly of Centimeter Long Silica Coated FePt Colloid Crystals with Tailored Interstices by Magnetic Crystallization. <i>Chemistry of Materials</i> , 2008, 20, 4554-4556.	3.2	14
74	In situ artificial membrane permeation assay under hydrodynamic control: Correlation between drug in vitro permeability and fraction absorbed in humans. <i>European Journal of Pharmaceutical Sciences</i> , 2011, 44, 299-309.	1.9	14
75	Dosimetric study for cervix carcinoma treatment using intensity modulated radiation therapy (IMRT) compensation based on 3D intracavitary brachytherapy technique. <i>Journal of Contemporary Brachytherapy</i> , 2016, 3, 221-232.	0.4	14
76	Phenyl butyrate inhibits pyruvate dehydrogenase kinase 1 and contributes to its anti-cancer effect. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 110, 93-100.	1.9	14
77	Pharmacological synergism of 2,2-dichloroacetophenone and EGFR-TKi to overcome TKi-induced resistance in NSCLC cells. <i>European Journal of Pharmacology</i> , 2017, 815, 80-87.	1.7	14
78	SLOH, a carbazole-based fluorophore, mitigates neuropathology and behavioral impairment in the triple-transgenic mouse model of Alzheimer's disease. <i>Neuropharmacology</i> , 2018, 131, 351-363.	2.0	14
79	SLM, a novel carbazole-based fluorophore attenuates okadaic acid-induced tau hyperphosphorylation via down-regulating GSK-3 β activity in SH-SY5Y cells. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 110, 101-108.	1.9	13
80	Systemic clearance and brain distribution of carbazole-based cyanine compounds as Alzheimer's disease drug candidates. <i>Scientific Reports</i> , 2017, 7, 16368.	1.6	13
81	Identification of Novel Pyruvate Dehydrogenase Kinase 1 (PDK1) Inhibitors by Kinase Activity-Based High-Throughput Screening for Anticancer Therapeutics. <i>ACS Combinatorial Science</i> , 2018, 20, 660-671.	3.8	13
82	Synthesis and biological evaluation of aza-crown ether-squaramide conjugates as anion/cation symporters. <i>Future Medicinal Chemistry</i> , 2019, 11, 1091-1106.	1.1	13
83	A Model of Hereditary Sensory and Autonomic Neuropathy Type 1 Reveals a Role of Glycosphingolipids in Neuronal Polarity. <i>Journal of Neuroscience</i> , 2019, 39, 5816-5834.	1.7	13
84	The development of small-molecule inhibitors targeting hexokinase 2. <i>Drug Discovery Today</i> , 2022, 27, 2574-2585.	3.2	13
85	Functionalized Silica Coated Magnetic Nanoparticles With Biological Species for Magnetic Separation. <i>IEEE Transactions on Magnetics</i> , 2007, 43, 2436-2438.	1.2	12
86	Study the interactions between human serum albumin and two antifungal drugs: Fluconazole and its analogue DTP. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 4963-4968.	1.0	12
87	Recent developments of human monocarboxylate transporter (hMCT) inhibitors as anticancer agents. <i>Drug Discovery Today</i> , 2021, 26, 836-844.	3.2	12
88	Using droplet-based microfluidic technology to study the precipitation of a poorly water-soluble weakly basic drug upon a pH-shift. <i>Analyst</i> , 2013, 138, 339-345.	1.7	11
89	Two dimensional photoacoustic imaging using microfiber interferometric acoustic transducers. <i>Optics Communications</i> , 2018, 419, 41-46.	1.0	11
90	Dichloroacetophenones targeting at pyruvate dehydrogenase kinase 1 with improved selectivity and antiproliferative activity: Synthesis and structure-activity relationships. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 3441-3445.	1.0	11

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91	Development of dual inhibitors targeting pyruvate dehydrogenase kinases and human lactate dehydrogenase A: High-throughput virtual screening, synthesis and biological validation. <i>European Journal of Medicinal Chemistry</i> , 2020, 203, 112579.	2.6	11
92	Estimating the "First in human" dose" a revisit with particular emphases in oncology drugs. <i>ADMET and DMPK</i> , 2013, 1, .	1.1	10
93	A Mitochondria-Targeted Phenylbutyric Acid Prodrug Confers Drastically Improved Anticancer Activities. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 9955-9973.	2.9	10
94	Application of the fast fourier transform method for compression of spectral data obtained from a photodiode array spectrophotometer. <i>Computers & Chemistry</i> , 1994, 18, 13-20.	1.2	9
95	Preparation of nanomagnetic absorbent for partition coefficient measurement. <i>International Journal of Pharmaceutics</i> , 2006, 327, 139-144.	2.6	9
96	Novel Therapeutic Anti-ADAM17 Antibody A9(B8) Enhances EGFR-TKI-Mediated Anticancer Activity in NSCLC. <i>Translational Oncology</i> , 2019, 12, 1516-1524.	1.7	9
97	Dual targeting of cholinesterase and amyloid beta with pyridinium/isoquinolium derivatives. <i>Drug Development Research</i> , 2020, 81, 242-255.	1.4	9
98	An Efficient Method of Determining Diffusion Coefficients Using Eigenfunction Expansions. <i>Journal of Chemical Information and Computer Sciences</i> , 1997, 37, 367-371.	2.8	8
99	Quantification of permanent positively charged compounds in plasma using one-step dilution to reduce matrix effect in MS. <i>Bioanalysis</i> , 2016, 8, 497-509.	0.6	8
100	9R, the cholinesterase and amyloid beta aggregation dual inhibitor, as a multifunctional agent to improve cognitive deficit and neuropathology in the triple-transgenic Alzheimer's disease mouse model. <i>Neuropharmacology</i> , 2020, 181, 108354.	2.0	8
101	Synthesis, biological evaluation and structure-activity relationship of novel dichloroacetophenones targeting pyruvate dehydrogenase kinases with potent anticancer activity. <i>European Journal of Medicinal Chemistry</i> , 2021, 214, 113225.	2.6	8
102	A channel flow cell with downstream impedance spectroscopy detection: theory and applications. <i>Journal of Electroanalytical Chemistry</i> , 1996, 407, 23-35.	1.9	7
103	A hydrodynamic approach to the measurement of the permeability of small molecules across artificial membranes. <i>Analyst</i> , 2008, 133, 655.	1.7	7
104	Immobilization of engineered arginase on gold-carbon nanotubes. <i>Chemical Communications</i> , 2012, 48, 7693.	2.2	7
105	Synthesis and biological evaluation of (R)-3,3,3-trifluoro-2-hydroxy-2-methylpropionamides as pyruvate dehydrogenase kinase 1 (PDK1) inhibitors to reduce the growth of cancer cells. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 110, 87-92.	1.9	7
106	Anti-neuroinflammatory effects of SLOH in A β -induced BV-2 microglial cells and 3xTg-AD mice involve the inhibition of GSK-3 β . <i>Neuroscience Letters</i> , 2018, 687, 207-215.	1.0	7
107	Identification of a Wells-Dawson polyoxometalate-based AP-2 β inhibitor with pro-apoptotic activity. <i>Biochemical Journal</i> , 2018, 475, 1965-1977.	1.7	7
108	An Isoquinolinium Dual Inhibitor of Cholinesterases and Amyloid β Aggregation Mitigates Neuropathological Changes in a Triple-Transgenic Mouse Model of Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , 2020, 11, 3346-3357.	1.7	7

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109	Synthesis and biological effect of lysosome-targeting fluorescent anion transporters with enhanced anionophoric activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127461.	1.0	7
110	Biomembrane mimics and their roles in anti-bacterial drug discovery. <i>ADMET and DMPK</i> , 2017, 5, 9.	1.1	7
111	Quartz crystal microbalance monitoring of density changes in mesoporous TiO ₂ phytate films during redox and ion exchange processes. <i>Electrochemistry Communications</i> , 2003, 5, 286-291.	2.3	5
112	Development of dichloroacetamide pyrimidines as pyruvate dehydrogenase kinase inhibitors to reduce cancer cell growth: synthesis and biological evaluation. <i>RSC Advances</i> , 2016, 6, 78762-78767.	1.7	5
113	Use of voltammetry for in vitro equilibrium and transport studies of ionisable drugs. <i>ADMET and DMPK</i> , 2014, 2, .	1.1	5
114	Animal models for Alzheimer's disease: a focused review of transgenic rodent models and behavioral assessment methods. <i>ADMET and DMPK</i> , 2015, 3, .	1.1	5
115	Assembly of Superparamagnetic Nanoparticles under Unidirectional External Magnetic Flux: Experimental and Model Establishments. <i>Journal of Physical Chemistry C</i> , 2008, 112, 7599-7604.	1.5	4
116	Chapter 10 Some Applications of Nanoparticles. <i>Handbook of Metal Physics</i> , 2008, , 365-380.	0.0	4
117	A new high-throughput method utilizing porous silica-based nano-composites for the determination of partition coefficients of drug candidates. <i>Journal of Separation Science</i> , 2011, 34, 2505-2512.	1.3	3
118	Predicting the human jejunal permeability and fraction absorbed of fluoroquinolones based on a biophysical model. <i>Bio-Medical Materials and Engineering</i> , 2014, 24, 3849-3854.	0.4	3
119	Magnetic properties of macroscopic colloid crystals of silica-coated FePt nanoparticles with controllable interstices for molecular separation. <i>Journal of Applied Physics</i> , 2009, 105, 07C101.	1.1	2
120	Chemical and Physical Approaches for the Treatment of Alzheimer's Disease. <i>ADMET and DMPK</i> , 2015, 3, .	1.1	2
121	pKa values in solubility determination using the Henderson-Hasselbalch equation. <i>ADMET and DMPK</i> , 2015, 3, .	1.1	2
122	Association of vancomycin with lipid vesicles. <i>ADMET and DMPK</i> , 2017, 5, 183.	1.1	2
123	Modern Approaches to Quality Assurance of Drug Formulations. <i>BioMed Research International</i> , 2015, 2015, 1-1.	0.9	1
124	[P2 ¹⁶⁷]: NOVEL DUAL GLP-1 AND GIP RECEPTOR ANALOG ATTENUATES HIGH-FAT DIET-INDUCED DISEASE PROGRESSION IN 3XTG ^{AD} MICE. <i>Alzheimer's and Dementia</i> , 2017, 13, P671.	0.4	1
125	Close relationships between in vitro ADMET and DMPK research in pre-clinical drug discovery. <i>ADMET and DMPK</i> , 2013, 1, .	1.1	1
126	Predicting the minimal inhibitory concentration of fluoroquinolones for <i>Escherichia coli</i> using an accumulation model. <i>Bio-Medical Materials and Engineering</i> , 2014, 24, 3745-3751.	0.4	0

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127	Editorial, IAPC-5 Special Issue. European Journal of Pharmaceutical Sciences, 2017, 110, 1.	1.9	0
128	Novel dual GLP-1 and GIP receptor analog attenuates high-fat diet-induced disease progression in 3XTg-AD mice. Journal of the Neurological Sciences, 2017, 381, 674.	0.3	0
129	The Importance of and Different Approaches to Permeability Determination. , 2012, , 121-164.		0
130	One year in circulation “ an exciting journey for ADMET & DMPK. ADMET and DMPK, 2013, 1, .	1.1	0
131	Special issue devoted to the 3rd World Conference on Physico- Chemical Methods in Drug Discovery and Development. ADMET and DMPK, 2014, 2, .	1.1	0
132	Specific frequency bands of amplitude low-frequency fluctuations in memory-related cognitive impairment: predicting Alzheimer’s disease. ADMET and DMPK, 2015, 3, .	1.1	0
133	Research in neurodegenerative diseases: challenges and solutions. ADMET and DMPK, 2015, 3, .	1.1	0
134	ADME/DMPK in the development and use of tyrosine and serine-threonine kinase inhibitors. ADMET and DMPK, 2016, 4, 182.	1.1	0
135	Abstract 2148: Phenyl butyrate inhibits pyruvate dehydrogenase kinase 1 and contributes to its anti-cancer effects. , 2017, , .		0
136	Special issue devoted to the 6th IAPC Meeting: joint events comprising 6th World conference on physico-chemical methods in drug discovery and development and 3rd World conference on ADMET and DMPK. ADMET and DMPK, 2018, 6, 1.	1.1	0
137	Targeting RNA Helicase DHX33 Blocks Ras Driven Lung Tumorigenesis <i>in vivo</i>. SSRN Electronic Journal, 0, , .	0.4	0