

Kin Tam

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.

121
papers

3,580
citations

32
h-index

56
g-index

140
ext. papers

4,040
ext. citations

5
avg, IF

5.38
L-index

#	Paper	IF	Citations
121	Pathological mechanisms and therapeutic strategies for Alzheimer's disease. <i>Neural Regeneration Research</i> , 2022 , 17, 543-549	4.5	24
120	Recent developments of human monocarboxylate transporter (hMCT) inhibitors as anticancer agents. <i>Drug Discovery Today</i> , 2021 , 26, 836-844	8.8	1
119	Metabolic reprogramming of ovarian cancer involves ACSL1-mediated metastasis stimulation through upregulated protein myristoylation. <i>Oncogene</i> , 2021 , 40, 97-111	9.2	11
118	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	6.8	2
117	Dual targeting of cholinesterase and amyloid beta with pyridinium/isoquinolium derivatives. <i>Drug Development Research</i> , 2020 , 81, 242-255	5.1	6
116	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	5.5	4
115	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	5.7	4
114	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	6.8	3
113	Synthesis and biological effect of lysosome-targeting fluorescent anion transporters with enhanced anionophoric activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127461	2.9	3
112	Novel Therapeutic Anti-ADAM17 Antibody A9(B8) Enhances EGFR-TKI-Mediated Anticancer Activity in NSCLC. <i>Translational Oncology</i> , 2019 , 12, 1516-1524	4.9	4
111	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	6.6	11
110	Synthesis and biological evaluation of aza-crown ether-squaramide conjugates as anion/cation symporters. <i>Future Medicinal Chemistry</i> , 2019 , 11, 1091-1106	4.1	10
109	Sphingolipidomic Analysis of reveals Development- and Environment-dependent Metabolic Features. <i>International Journal of Biological Sciences</i> , 2019 , 15, 2897-2910	11.2	5
108	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	4.8	10
107	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	5.5	10
106	Two dimensional photoacoustic imaging using microfiber interferometric acoustic transducers. <i>Optics Communications</i> , 2018 , 419, 41-46	2	6
105	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	5.6	11

104	The Scalp Time-Varying Networks of N170: Reference, Latency, and Information Flow. <i>Frontiers in Neuroscience</i> , 2018 , 12, 250	5.1	10
103	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	5.1	8
102	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	11.2	49
101	Targeting cancer metabolism to develop human lactate dehydrogenase (hLDH)5 inhibitors. <i>Drug Discovery Today</i> , 2018 , 23, 1407-1415	8.8	24
100	Astemizole Inhibits mTOR Signaling and Angiogenesis by Blocking Cholesterol Trafficking. <i>International Journal of Biological Sciences</i> , 2018 , 14, 1175-1185	11.2	9
99	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	2.9	7
98	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	3.3	6
97	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	3.9	6
96	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	5.3	15
95	Identification of a Wells-Dawson polyoxometalate-based AP-2 β inhibitor with pro-apoptotic activity. <i>Biochemical Journal</i> , 2018 , 475, 1965-1977	3.8	4
94	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	5.1	10
93	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	5.1	10
92	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	5.1	16
91	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	5.1	4
90	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	5.7	13
89	[P2 β 67]: NOVEL DUAL GLP-1 AND GIP RECEPTOR ANALOG ATTENUATES HIGH-FAT-DIET-INDUCED DISEASE PROGRESSION IN 3XTG-AD MICE 2017 , 13, P671-P671		1
88	Causal interactions in resting-state networks predict perceived loneliness. <i>PLoS ONE</i> , 2017 , 12, e0177443	3.7	18
87	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	5.3	10

86	Systemic clearance and brain distribution of carbazole-based cyanine compounds as Alzheimer's disease drug candidates. <i>Scientific Reports</i> , 2017 , 7, 16368	4.9	11
85	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	6.2	55
84	Biomembrane mimics and their roles in anti-bacterial drug discovery. <i>ADMET and DMPK</i> , 2017 , 5, 9	1.3	5
83	Association of vancomycin with lipid vesicles. <i>ADMET and DMPK</i> , 2017 , 5, 183	1.3	2
82	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	3.7	5
81	Anti-cancer synergy of dichloroacetate and EGFR tyrosine kinase inhibitors in NSCLC cell lines. <i>European Journal of Pharmacology</i> , 2016 , 789, 458-467	5.3	17
80	Unexpected Discovery of Dichloroacetate Derived Adenosine Triphosphate Competitors Targeting Pyruvate Dehydrogenase Kinase To Inhibit Cancer Proliferation. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 3562-8	8.3	31
79	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	2.1	7
78	Cytoskeleton Molecular Motors: Structures and Their Functions in Neuron. <i>International Journal of Biological Sciences</i> , 2016 , 12, 1083-92	11.2	23
77	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 , 8, 221-32	1.9	13
76	Quinazolinone azolyl ethanols: potential lead antimicrobial agents with dual action modes targeting methicillin-resistant Staphylococcus aureus DNA. <i>Future Medicinal Chemistry</i> , 2016 , 8, 1927-1940	4.1	41
75	Development of pyruvate dehydrogenase kinase inhibitors in medicinal chemistry with particular emphasis as anticancer agents. <i>Drug Discovery Today</i> , 2015 , 20, 1112-9	8.8	52
74	Targeting Tumor Metabolism for Cancer Treatment: Is Pyruvate Dehydrogenase Kinases (PDKs) a Viable Anticancer Target?. <i>International Journal of Biological Sciences</i> , 2015 , 11, 1390-400	11.2	93
73	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	3.5	15
72	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 Chemical and Physical Approaches for the Treatment of Alzheimer's Disease</i> . <i>ADMET and DMPK</i> , 2015 , 3,	4.5	33
71		1.3	2
70	Animal models for Alzheimer's disease: a focused review of transgenic rodent models and behavioral assessment methods. <i>ADMET and DMPK</i> , 2015 , 3,	1.3	4
69	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, 4963-8	2.9	11

68	Predicting the human jejunal permeability and fraction absorbed of fluoroquinolones based on a biophysical model. <i>Bio-Medical Materials and Engineering</i> , 2014 , 24, 3849-54	1	1
67	Predicting the minimal inhibitory concentration of fluoroquinolones for Escherichia coli using an accumulation model. <i>Bio-Medical Materials and Engineering</i> , 2014 , 24, 3745-51	1	
66	Mechanism of ion transfer in supported liquid membrane systems: electrochemical control over membrane distribution. <i>Analytical Chemistry</i> , 2014 , 86, 435-42	7.8	16
65	Use of voltammetry for in vitro equilibrium and transport studies of ionisable drugs. <i>ADMET and DMPK</i> , 2014 , 2,	1.3	4
64	Discovery of 4-{4-[(3R)-3-Methylmorpholin-4-yl]-6-[1-(methylsulfonyl)cyclopropyl]pyrimidin-2-yl}-1H-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, 2125-38	8.3	158
63	The Roles of Doxorubicin in Hepatocellular Carcinoma. <i>ADMET and DMPK</i> , 2013 , 1,	1.3	11
62	Using droplet-based microfluidic technology to study the precipitation of a poorly water-soluble weakly basic drug upon a pH-shift. <i>Analyst, The</i> , 2013 , 138, 339-45	5	10
61	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. 2013 ,		22
60	Estimating the First in human dose: a revisit with particular emphases in oncology drugs. <i>ADMET and DMPK</i> , 2013 , 1,	1.3	10
59	Predicting the exposure and antibacterial activity of fluoroquinolones based on physicochemical properties. <i>European Journal of Pharmaceutical Sciences</i> , 2012 , 47, 21-7	5.1	22
58	Permeation of a fully ionized species across a polarized supported liquid membrane. <i>Analytical Chemistry</i> , 2012 , 84, 2541-7	7.8	24
57	Immobilization of engineered arginase on gold-carbon nanotubes. <i>Chemical Communications</i> , 2012 , 48, 7693-5	5.8	6
56	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	35.4	68
55	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	3.8	59
54	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	4.1	14
53	On the stability of the silver/silver sulfate reference electrode. <i>Analytical Methods</i> , 2012 , 4, 1207	3.2	15
52	Palladium with interstitial carbon atoms as a catalyst for ultraselective hydrogenation in the liquid phase. <i>Catalysis Science and Technology</i> , 2011 , 1, 1584	5.5	15
51	Chemoembolization agents for cancer treatment. <i>European Journal of Pharmaceutical Sciences</i> , 2011 , 44, 1-10	5.1	47

50	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	5.1	12
49	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	3.4	2
48	Study of Catalytic Sites on Ruthenium For Hydrogenation of N-ethylcarbazole: Implications of Hydrogen Storage via Reversible Catalytic Hydrogenation. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 9720-9730	3.8	76
47	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	8.3	40
46	How well can the Caco-2/Madin-Darby canine kidney models predict effective human jejunal permeability?. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 3566-84	8.3	79
45	In situ artificial membrane permeation assay under hydrodynamic control: permeability-pH profiles of warfarin and verapamil. <i>Pharmaceutical Research</i> , 2010 , 27, 1644-58	4.5	26
44	A combined spectroscopic and crystallographic approach to probing drug-human serum albumin interactions. <i>Bioorganic and Medicinal Chemistry</i> , 2010 , 18, 7486-96	3.4	70
43	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	2.5	2
42	Immobilization of BSA on Silica-Coated Magnetic Iron Oxide Nanoparticle. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 537-543	3.8	89
41	Chapter 5 Chemical Methods for Preparation of Nanoparticles in Solution. <i>Handbook of Metal Physics</i> , 2008 , 5, 113-141		23
40	Assembly of Superparamagnetic Nanoparticles under Unidirectional External Magnetic Flux: Experimental and Model Establishments. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 7599-7604	3.8	4
39	Chapter 10 Some Applications of Nanoparticles. <i>Handbook of Metal Physics</i> , 2008 , 365-380		4
38	A hydrodynamic approach to the measurement of the permeability of small molecules across artificial membranes. <i>Analyst, The</i> , 2008 , 133, 655-9	5	6
37	Assembly of Centimeter Long Silica Coated FePt Colloid Crystals with Tailored Interstices by Magnetic Crystallization. <i>Chemistry of Materials</i> , 2008 , 20, 4554-4556	9.6	12
36	Aqueous Solubility in Drug Discovery Chemistry, DMPK, and Biological Assays. <i>Methods and Principles in Medicinal Chemistry</i> , 2008 , 7-31	0.4	1
35	High throughput solubility determination with application to selection of compounds for fragment screening. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 6611-6	3.4	24
34	The discovery of AZD5597, a potent imidazole pyrimidine amide CDK inhibitor suitable for intravenous dosing. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008 , 18, 6369-73	2.9	40
33	Monodisperse Binary Nanocomposite in Silica with Enhanced Magnetization for Magnetic Separation. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 7879-7882	3.8	20

32	Functionalized Silica Coated Magnetic Nanoparticles With Biological Species for Magnetic Separation. <i>IEEE Transactions on Magnetics</i> , 2007 , 43, 2436-2438	2	11
31	Synthesis and Fabrication of a Thin Film Containing Silica-Encapsulated Face-Centered Tetragonal FePt Nanoparticles. <i>Advanced Materials</i> , 2006 , 18, 2312-2314	24	42
30	Silica-encapsulated nanomagnetic particle as a new recoverable biocatalyst carrier. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 16914-22	3.4	126
29	Preparation of nanomagnetic absorbent for partition coefficient measurement. <i>International Journal of Pharmaceutics</i> , 2006 , 327, 139-44	6.5	9
28	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	3.5	26
27	Synthesis and characterization of thiol-capped FePt nanomagnetic porous particles. <i>Small</i> , 2005 , 1, 949-52		16
26	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	5.1	4
25	Colloidal stable silica encapsulated nano-magnetic composite as a novel bio-catalyst carrier. <i>Chemical Communications</i> , 2003 , 2998-9	5.8	128
24	A NEW MULTIWAVELENGTH SPECTROPHOTOMETRIC METHOD FOR THE DETERMINATION OF THE MOLAR ABSORPTION COEFFICIENTS OF IONIZABLE DRUGS. <i>Spectroscopy Letters</i> , 2002 , 35, 9-19	1.1	13
23	Calculation of Abraham descriptors from experimental data from seven HPLC systems; evaluation of five different methods of calculation. <i>Perkin Transactions II RSC</i> , 2002 , 2001-2010		82
22	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		105
21	Multiwavelength spectrophotometric resolution of the micro-equilibria of cetirizine. <i>Analytical Sciences</i> , 2001 , 17, 1203-8	1.7	33
20	Multiwavelength Spectrophotometric Resolution of the Micro-Equilibria of a Triprotic Amphoteric Drug: Methacycline. <i>Mikrochimica Acta</i> , 2001 , 136, 91-97	5.8	12
19	Multi-wavelength spectrophotometric determination of acid dissociation constants: a validation study. <i>Analytica Chimica Acta</i> , 2001 , 434, 157-167	6.6	134
18	Multiwavelength spectrophotometric determination of acid dissociation constants part V: microconstants and tautomeric ratios of diprotic amphoteric drugs. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2000 , 21, 1171-82	3.5	68
17	PH-metric log P 11. pKa determination of water-insoluble drugs in organic solvent-water mixtures. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1999 , 20, 631-41	3.5	198
16	Multiwavelength spectrophotometric determination of acid dissociation constants: Part III. Resolution of multi-protic ionization systems. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1999 , 20, 289-95	3.5	33
15	Multiwavelength spectrophotometric determination of acid dissociation constants Part IV. Water-insoluble pyridine derivatives. <i>Talanta</i> , 1999 , 49, 539-46	6.2	29

14	pH-metric logP 10. Determination of liposomal membrane-water partition coefficients of ionizable drugs. <i>Pharmaceutical Research</i> , 1998 , 15, 209-15	4.5	316
13	Multiwavelength spectrophotometric determination of acid dissociation constants of ionizable drugs. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1998 , 17, 699-712	3.5	146
12	An Efficient Method of Determining Diffusion Coefficients Using Eigenfunction Expansions. <i>Journal of Chemical Information and Computer Sciences</i> , 1997 , 37, 367-371		7
11	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	4.1	35
10	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	3	32
9	Applications of the channel flow cell for UV-visible spectroelectrochemical studies. Part 2: Transient signals. <i>Electroanalysis</i> , 1997 , 9, 284-287	3	17
8	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, 387-98	9.3	26
7	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	16.4	17
6	A channel flow cell with downstream impedance spectroscopy detection: theory and applications. <i>Journal of Electroanalytical Chemistry</i> , 1996 , 407, 23-35	4.1	7
5	A study of the vibronic structure in the HeI excited photoelectron spectrum of CO ₂ involving the X 2 \bar{g} and A 2 \bar{u} ionic states. <i>Journal of Chemical Physics</i> , 1996 , 104, 8922-8931	3.9	38
4	GAMATCH \bar{u} genetic algorithm-based program for indexing crystal faces. <i>Journal of Applied Crystallography</i> , 1995 , 28, 640-645	3.8	12
3	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	3.8	15
2	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		8
1	Lipophilicity Profiles: Theory and Measurement 275-304		36