

# Peter Buchwald

## List of Publications by Year in descending order

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133  
papers

4,376  
citations

117571

34  
h-index

149623

56  
g-index

157  
all docs

157  
docs citations

157  
times ranked

5026  
citing authors

#	ARTICLE	IF	CITATIONS
1	Soft drug design: General principles and recent applications. <i>Medicinal Research Reviews</i> , 2000, 20, 58-101.	5.0	220
2	Octanol-Water Partition: Searching for Predictive Models. <i>Current Medicinal Chemistry</i> , 1998, 5, 353-380.	1.2	159
3	Recent advances in the brain targeting of neuropharmaceuticals by chemical delivery systems. <i>Advanced Drug Delivery Reviews</i> , 1999, 36, 229-254.	6.6	157
4	Characterization of twenty-five ovarian tumour cell lines that phenocopy primary tumours. <i>Nature Communications</i> , 2015, 6, 7419.	5.8	149
5	Oscillatory Dynamics of Cdc42 GTPase in the Control of Polarized Growth. <i>Science</i> , 2012, 337, 239-243.	6.0	148
6	FEM-based oxygen consumption and cell viability models for avascular pancreatic islets. <i>Theoretical Biology and Medical Modelling</i> , 2009, 6, 5.	2.1	140
7	Small-molecule protein-protein interaction inhibitors: Therapeutic potential in light of molecular size, chemical space, and ligand binding efficiency considerations. <i>IUBMB Life</i> , 2010, 62, 724-731.	1.5	115
8	A local glucose-and oxygen concentration-based insulin secretion model for pancreatic islets. <i>Theoretical Biology and Medical Modelling</i> , 2011, 8, 20.	2.1	104
9	Molecular Size Based Approach To Estimate Partition Properties for Organic Solutes. <i>Journal of Physical Chemistry B</i> , 1997, 101, 3404-3412.	1.2	96
10	Ophthalmic drug design based on the metabolic activity of the eye: Soft drugs and chemical delivery systems. <i>AAPS Journal</i> , 2005, 7, E820-E833.	2.2	86
11	Barriers to remember: brain-targeting chemical delivery systems and Alzheimer's disease. <i>Drug Discovery Today</i> , 2002, 7, 766-774.	3.2	79
12	Small-Molecule Inhibitors of the Coronavirus Spike: ACE2 Protein-Protein Interaction as Blockers of Viral Attachment and Entry for SARS-CoV-2. <i>ACS Infectious Diseases</i> , 2021, 7, 1519-1534.	1.8	77
13	Quantitative Structure-Metabolism Relationships: Steric and Nonsteric Effects in the Enzymatic Hydrolysis of Noncongener Carboxylic Esters. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 5160-5168.	2.9	74
14	Toward Small-Molecule Inhibition of Protein-Protein Interactions: General Aspects and Recent Progress in Targeting Costimulatory and Coinhibitory (Immune Checkpoint) Interactions. <i>Current Topics in Medicinal Chemistry</i> , 2018, 18, 674-699.	1.0	69
15	A simple, predictive, structure-based skin permeability model. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 53, 1087-1098.	1.2	67
16	Methylene Blue Inhibits the SARS-CoV-2 Spike-ACE2 Protein-Protein Interaction—a Mechanism that can Contribute to its Antiviral Activity Against COVID-19. <i>Frontiers in Pharmacology</i> , 2020, 11, 600372.	1.6	64
17	Glucose-stimulated insulin release: Parallel perfusion studies of free and hydrogel encapsulated human pancreatic islets. <i>Biotechnology and Bioengineering</i> , 2018, 115, 232-245.	1.7	62
18	Quantitative Assessment of Islet Cell Products: Estimating the Accuracy of the Existing Protocol and Accounting for Islet Size Distribution. <i>Cell Transplantation</i> , 2009, 18, 1223-1235.	1.2	61

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19	Organoid microphysiological system preserves pancreatic islet function within 3D matrix. <i>Science Advances</i> , 2021, 7, .	4.7	59
20	The food colorant erythrosine is a promiscuous protein-protein interaction inhibitor. <i>Biochemical Pharmacology</i> , 2011, 81, 810-818.	2.0	57
21	Direct, differential-equation-based in-vitro-in-vivo correlation (IVIVC) method. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 55, 495-504.	1.2	56
22	Drug targeting via retrometabolic approaches. , 1997, 76, 1-27.		54
23	Computer-aided drug design: the role of quantitative structure-property, structure-activity and structure-metabolism relationships (QSPR, QSAR, QSMR). <i>Drugs of the Future</i> , 2002, 27, 577.	0.0	54
24	Brain-Targeted Drug Delivery. <i>American Journal of Drug Delivery</i> , 2003, 1, 13-26.	0.6	53
25	Vitamin D and androgen receptor-targeted therapy for triple-negative breast cancer. <i>Breast Cancer Research and Treatment</i> , 2016, 157, 77-90.	1.1	52
26	Resealable, optically accessible, PDMS-free fluidic platform for ex vivo interrogation of pancreatic islets. <i>Lab on A Chip</i> , 2017, 17, 772-781.	3.1	52
27	Octanol-water partition of nonzwitterionic peptides: Predictive power of a molecular size-based model. , 1998, 30, 86-99.		50
28	High-Throughput Screening for Human Galactokinase Inhibitors. <i>Journal of Biomolecular Screening</i> , 2008, 13, 415-423.	2.6	45
29	Concentration-Dependency and Time Profile of Insulin Secretion: Dynamic Perfusion Studies With Human and Murine Islets. <i>Frontiers in Endocrinology</i> , 2019, 10, 680.	1.5	45
30	A general bilinear model to describe growth or decline time profiles. <i>Mathematical Biosciences</i> , 2007, 205, 108-136.	0.9	44
31	Corticosteroid Design for the Treatment of Asthma: Structural Insights and the Therapeutic Potential of Soft Corticosteroids. <i>Current Pharmaceutical Design</i> , 2006, 12, 3241-3260.	0.9	42
32	Phosphorylation-dependent inhibition of Cdc42 GEF Gef1 by 14-3-3 protein Rad24 spatially regulates Cdc42 GTPase activity and oscillatory dynamics during cell morphogenesis. <i>Molecular Biology of the Cell</i> , 2015, 26, 3520-3534.	0.9	40
33	A Collagen Based Cryogel Bioscaffold that Generates Oxygen for Islet Transplantation. <i>Advanced Functional Materials</i> , 2020, 30, 1902463.	7.8	40
34	Glucocorticoid receptor binding: A biphasic dependence on molecular size as revealed by the bilinear LinBiExp model. <i>Steroids</i> , 2008, 73, 193-208.	0.8	39
35	A Receptor Model With Binding Affinity, Activation Efficacy, and Signal Amplification Parameters for Complex Fractional Response Versus Occupancy Data. <i>Frontiers in Pharmacology</i> , 2019, 10, 605.	1.6	37
36	Receptor binding studies of soft anticholinergic agents. <i>AAPS PharmSci</i> , 2001, 3, 44-56.	1.3	36

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37	Quantification of the Islet Product: Presentation of a Standardized Current Good Manufacturing Practices Compliant System With Minimal Variability. <i>Transplantation</i> , 2011, 91, 677-683.	0.5	36
38	Differences in the glucocorticoid to progesterone receptor selectivity of inhaled glucocorticoids. <i>European Respiratory Journal</i> , 2006, 27, 511-516.	3.1	35
39	Metabolomics Study of the Effects of Inflammation, Hypoxia, and High Glucose on Isolated Human Pancreatic Islets. <i>Journal of Proteome Research</i> , 2017, 16, 2294-2306.	1.8	35
40	Small-molecule costimulatory blockade: organic dye inhibitors of the CD40 $\leftrightarrow$ CD154 interaction. <i>Journal of Molecular Medicine</i> , 2009, 87, 1133-1143.	1.7	34
41	Octanoic acid in alcohol-responsive essential tremor. <i>Neurology</i> , 2013, 80, 933-940.	1.5	34
42	Structure-Metabolism Relationships Steric Effects and the Enzymatic Hydrolysis of Carboxylic Esters. <i>Mini-Reviews in Medicinal Chemistry</i> , 2001, 1, 101-111.	1.1	33
43	General Linearized Biexponential Model for QSAR Data Showing Bilinear-Type Distribution. <i>Journal of Pharmaceutical Sciences</i> , 2005, 94, 2355-2379.	1.6	33
44	A Double Fail-Safe Approach to Prevent Tumorigenesis and Select Pancreatic $\beta^2$ Cells from Human Embryonic Stem Cells. <i>Stem Cell Reports</i> , 2019, 12, 611-623.	2.3	32
45	Complexation Thermodynamics of Cyclodextrins in the Framework of a Molecular Size-Based Model for Nonassociative Organic Liquids That Includes a Modified Hydration-Shell Hydrogen-Bond Model for Water. <i>Journal of Physical Chemistry B</i> , 2002, 106, 6864-6870.	1.2	31
46	An Open-Label, Single-Dose, Crossover Study of the Pharmacokinetics and Metabolism of Two Oral Formulations of 1-Octanol in Patients with Essential Tremor. <i>Neurotherapeutics</i> , 2011, 8, 753-762.	2.1	31
47	Controlled Release of Dexamethasone from Organosilicone Constructs for Local Modulation of Inflammation in Islet Transplantation. <i>Tissue Engineering - Part A</i> , 2015, 21, 2250-2261.	1.6	31
48	Molecular Size-Based Model To Describe Simple Organic Liquids. <i>Journal of Physical Chemistry B</i> , 1998, 102, 5715-5726.	1.2	30
49	Designing Safer (Soft) Drugs by Avoiding the Formation of Toxic and Oxidative Metabolites. <i>Molecular Biotechnology</i> , 2004, 26, 123-132.	1.3	30
50	Targeted drug delivery to the brain via phosphonate derivatives II. Anionic chemical delivery system for zidovudine (AZT). <i>International Journal of Pharmaceutics</i> , 1998, 166, 27-35.	2.6	29
51	Targeted drug delivery to the brain via phosphonate derivatives. <i>International Journal of Pharmaceutics</i> , 1998, 166, 15-26.	2.6	29
52	Local delivery of fingolimod from three-dimensional scaffolds impacts islet graft efficacy and microenvironment in a murine diabetic model. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 393-404.	1.3	29
53	Suramin inhibits the CD40 $\leftrightarrow$ CD154 costimulatory interaction: A possible mechanism for immunosuppressive effects. <i>Biochemical Pharmacology</i> , 2009, 77, 1236-1245.	2.0	28
54	TNF Superfamily Protein-Protein Interactions: Feasibility of Small-Molecule Modulation. <i>Current Drug Targets</i> , 2015, 16, 393-408.	1.0	28

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55	Small-molecule modulators of the OX40-OX40 ligand co-stimulatory protein-protein interaction. <i>British Journal of Pharmacology</i> , 2014, 171, 4955-4969.	2.7	27
56	Computer-Assisted Design of New Drugs Based on Retrometabolic Concepts. SAR and QSAR in Environmental Research, 1998, 8, 41-92.	1.0	26
57	The time-profile of cell growth in fission yeast: model selection criteria favoring bilinear models over exponential ones. <i>Theoretical Biology and Medical Modelling</i> , 2006, 3, 16.	2.1	26
58	Experimental evaluation and computational modeling of the effects of encapsulation on the time-profile of glucose-stimulated insulin release of pancreatic islets. <i>BioMedical Engineering OnLine</i> , 2015, 14, 28.	1.3	25
59	Octanol-water partition: searching for predictive models. <i>Current Medicinal Chemistry</i> , 1998, 5, 353-80.	1.2	25
60	Cell length growth in fission yeast: an analysis of its bilinear character and the nature of its rate change transition. <i>FEMS Yeast Research</i> , 2013, 13, 635-649.	1.1	24
61	Small-Molecule Inhibitors of the CD40-CD40L Costimulatory Protein-Protein Interaction. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 8906-8922.	2.9	22
62	Soft glucocorticoid design: structural elements and physicochemical parameters determining receptor-binding affinity. <i>Die Pharmazie</i> , 2004, 59, 396-404.	0.3	22
63	Simple Model for Nonassociative Organic Liquids and Water. <i>Journal of the American Chemical Society</i> , 2000, 122, 10671-10679.	6.6	21
64	In Vitro and In Vivo Evaluations of Dihydroquinoline- and Dihydroisoquinoline-based Targetor Moieties for Brain-specific Chemical Delivery Systems. <i>Journal of Drug Targeting</i> , 2002, 10, 63-71.	2.1	21
65	Retrometabolic drug design: Principles and recent developments. <i>Pure and Applied Chemistry</i> , 2008, 80, 1669-1682.	0.9	21
66	A three-parameter two-state model of receptor function that incorporates affinity, efficacy, and signal amplification. <i>Pharmacology Research and Perspectives</i> , 2017, 5, e00311.	1.1	21
67	In vivo imaging of type 1 diabetes immunopathology using eye-transplanted islets in NOD mice. <i>Diabetologia</i> , 2019, 62, 1237-1250.	2.9	20
68	Physicochemical aspects of the enzymatic hydrolysis of carboxylic esters. <i>Die Pharmazie</i> , 2002, 57, 87-93.	0.3	20
69	Theoretical Insights into the Formation, Structure, and Energetics of Some Cyclodextrin Complexes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2002, 44, 9-14.	1.6	19
70	Fully Automated Islet Cell Counter (ICC) for the Assessment of Islet Mass, Purity, and Size Distribution by Digital Image Analysis. <i>Cell Transplantation</i> , 2016, 25, 1747-1761.	1.2	19
71	A single unified model for fitting simple to complex receptor response data. <i>Scientific Reports</i> , 2020, 10, 13386.	1.6	19
72	Feasibility of localized immunosuppression: 1. Exploratory studies with glucocorticoids in a biohybrid device designed for cell transplantation. <i>Die Pharmazie</i> , 2010, 65, 421-8.	0.3	19

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73	Soft Quaternary Anticholinergics: A Comprehensive Quantitative Structure-Activity Relationship (QSAR) with a Linearized Biexponential (LinBiExp) Model. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 883-891.	2.9	18
74	Recent advances in the design and development of soft drugs. <i>Die Pharmazie</i> , 2014, 69, 403-13.	0.3	18
75	Modeling liquid properties, solvation, and hydrophobicity: A molecular size-based perspective. <i>Journal of Computer - Aided Molecular Design</i> , 2000, 19, 19-45.	1.0	17
76	Synthesis and pharmacological effects of new, N-substituted soft anticholinergics based on glycopyrrolate. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 57, 1427-1435.	1.2	17
77	Research Article: Effective and Specific Inhibition of the CD40-CD154 Costimulatory Interaction by a Naphthalenesulphonic Acid Derivative. <i>Chemical Biology and Drug Design</i> , 2010, 76, 305-313.	1.5	17
78	Molecular Organization of the Complex between the Muscarinic M3 Receptor and the Regulator of G Protein Signaling, G12<sub>5</sub>-RGS7. <i>Biochemistry</i> , 2010, 49, 4998-5006.	1.2	17
79	Effects of representative glucocorticoids on TNF $\alpha$ and CD40L-induced NF- $\kappa$ B activation in sensor cells. <i>Steroids</i> , 2014, 85, 36-43.	0.8	17
80	Dose-escalation study of octanoic acid in patients with essential tremor. <i>Journal of Clinical Investigation</i> , 2016, 126, 1451-1457.	3.9	17
81	Parallel Multi-Omics in High-Risk Subjects for the Identification of Integrated Biomarker Signatures of Type 1 Diabetes. <i>Biomolecules</i> , 2021, 11, 383.	1.8	17
82	Brain-Targeting Chemical Delivery Systems and Their Cyclodextrin-Based Formulations in Light of the Contributions of Marcus E. Brewster. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 2589-2600.	1.6	16
83	Controlled Nutrient Delivery to Pancreatic Islets Using Polydopamine-Coated Mesoporous Silica Nanoparticles. <i>Nano Letters</i> , 2020, 20, 7220-7229.	4.5	16
84	Soft drugs: design principles, success stories, and future perspectives. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2020, 16, 645-650.	1.5	16
85	The Role of Computational Techniques in Retrometabolic Drug Design Strategies. <i>Theoretical and Computational Chemistry</i> , 1999, , 569-618.	0.2	14
86	The promiscuous protein binding ability of erythrosine B studied by metachromasy (metachromasia). <i>Journal of Molecular Recognition</i> , 2013, 26, 181-189.	1.1	14
87	Soft corticosteroids for local immunosuppression: exploring the possibility for the use of loteprednol etabonate for islet transplantation. <i>Die Pharmazie</i> , 2008, 63, 226-32.	0.3	14
88	Structural studies on the chiral selector capacity of cyclodextrin derivatives. <i>Journal of Proteomics</i> , 2008, 70, 1276-1282.	2.4	13
89	Novel, cell-penetrating molecular transporters with flexible backbones and permanently charged side-chains. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 59, 1065-1076.	1.2	13
90	Comprehensive Metabolomics Study To Assess Longitudinal Biochemical Changes and Potential Early Biomarkers in Nonobese Diabetic Mice That Progress to Diabetes. <i>Journal of Proteome Research</i> , 2017, 16, 3873-3890.	1.8	13

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91	Design, Synthesis, and Evaluation of Novel Immunomodulatory Small Molecules Targeting the CD40â€“CD154 Costimulatory Protein-Protein Interaction. <i>Molecules</i> , 2018, 23, 1153.	1.7	13
92	Structure-based estimation of enzymatic hydrolysis rates and its application in computer-aided retrometabolic drug design. <i>Die Pharmazie</i> , 2000, 55, 210-7.	0.3	13
93	Design and evaluation of new soft anticholinergic agents. <i>Drug Development Research</i> , 1998, 43, 117-127.	1.4	12
94	Choice of Immunosuppression Influences Cytomegalovirus DNAemia in Cynomolgus Monkey ( <i>Macaca fascicularis</i> ) Islet Allograft Recipients. <i>Cell Transplantation</i> , 2010, 19, 1547-1561.	1.2	12
95	Cell length growth patterns in fission yeast reveal a novel size control mechanism operating in late G2 phase. <i>Biology of the Cell</i> , 2016, 108, 259-277.	0.7	12
96	Growth hormone-releasing hormone agonists ameliorate chronic kidney disease-induced heart failure with preserved ejection fraction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	12
97	Brain-Targeted Delivery of Estradiol. <i>American Journal of Drug Delivery</i> , 2006, 4, 161-175.	0.6	11
98	Pharmacokinetic and Pharmacodynamic Evaluations of the Zwitterionic Metabolite of a New Series of N-Substituted Soft Anticholinergics. <i>Pharmaceutical Research</i> , 2005, 22, 2035-2044.	1.7	10
99	Organic dyes as small molecule proteinâ€“protein interaction inhibitors for the CD40â€“CD154 costimulatory interaction. <i>Journal of Molecular Recognition</i> , 2010, 23, 65-73.	1.1	9
100	Feasibility of Localized Metabolomics in the Study of Pancreatic Islets and Diabetes. <i>Metabolites</i> , 2019, 9, 207.	1.3	9
101	Longitudinal proteomics analysis in the immediate microenvironment of islet allografts during progression of rejection. <i>Journal of Proteomics</i> , 2020, 223, 103826.	1.2	9
102	Pharmacokinetics of the sequential metabolites of loteprednol etabonate in rats. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 60, 291-297.	1.2	8
103	Biphasic decline of Î²â€“cell function with age in euglycemic nonobese diabetic mice parallels diabetes onset. <i>IUBMB Life</i> , 2015, 67, 634-644.	1.5	8
104	Drug-Integrating Amphiphilic Nanomaterial Assemblies: 1. Spatiotemporal control of cyclosporine delivery and activity using nanomicelles and nanofibrils. <i>Journal of Controlled Release</i> , 2021, 329, 955-970.	4.8	8
105	Feasibility of localized immunosuppression: 3. Preliminary evaluation of organosilicone constructs designed for sustained drug release in a cell transplant environment using dexamethasone. <i>Die Pharmazie</i> , 2012, 67, 394-9.	0.3	8
106	Methylene Blue Is a Nonspecific Proteinâ€“Protein Interaction Inhibitor with Potential for Repurposing as an Antiviral for COVID-19. <i>Pharmaceuticals</i> , 2022, 15, 621.	1.7	8
107	NMR investigation and secondary structure of domains I and II of rat brain calbindin D28k (1-93). <i>FEBS Journal</i> , 1999, 262, 933-938.	0.2	7
108	QSAR Study of 2,3-Benzodiazepin-4(thi)one- and 1,2-Phthalazine-Related Negative Allosteric Modulators of the AMPA Receptor: A Structural Descriptors-Based Reassessment. <i>QSAR and Combinatorial Science</i> , 2005, 24, 325-331.	1.5	7



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109	Computer-aided retrometabolic drug design: soft drugs. Expert Opinion on Drug Discovery, 2007, 2, 923-933.	2.5	7
110	Glucose-stimulated insulin secretion in isolated pancreatic islets: Multiphysics FEM model calculations compared to results of perfusion experiments with human islets. Journal of Biomedical Science and Engineering, 2013, 06, 26-35.	0.2	7
111	Drug targeting via retrometabolic approaches. , 1997, 76, 1-27.		7
112	Stereoisomers of N-substituted soft anticholinergics and their zwitterionic metabolite based on glycopyrrolate--syntheses and pharmacological evaluations. Die Pharmazie, 2008, 63, 200-9.	0.3	7
113	Extended covalent solid forms of carbon dioxide with carbon-oxygen single bonds. Chemical Physics Letters, 2000, 319, 645-649.	1.2	6
114	Activity-Limiting Role of Molecular Size: Size-Dependency of Maximum Activity for P450 Inhibition as Revealed by qHTS Data. Drug Metabolism and Disposition, 2014, 42, 1785-1790.	1.7	6
115	RNA aptamers specific for transmembrane p24 trafficking protein 6 and Clusterin for the targeted delivery of imaging reagents and RNA therapeutics to human $\hat{1}^2$ cells. Nature Communications, 2022, 13, 1815.	5.8	6
116	DRUG TARGETING BY RETROMETABOLIC DESIGN: SOFT DRUGS AND CHEMICAL DELIVERY SYSTEMS. Journal of Receptor and Signal Transduction Research, 2001, 21, 287-310.	1.3	5
117	Is there a universal rule for cellular growth? - Problems in studying and interpreting this phenomenon. FEMS Yeast Research, 2014, 14, 679-682.	1.1	5
118	CD40-targeting KGY15 peptides do not efficiently block the CD40-CD40L interaction. Diabetologia, 2019, 62, 2158-2160.	2.9	5
119	Developing Small-Molecule Inhibitors of Protein-Protein Interactions Involved in Viral Entry as Potential Antivirals for COVID-19. Frontiers in Drug Discovery, 2022, 2, .	1.1	5
120	Designing Safer (Soft) Drugs by Avoiding the Formation of Toxic and Oxidative Metabolites. , 2002, 186, 301-312.		4
121	Unified Pharmacogenetics-Based Parent-Metabolite Pharmacokinetic Model Incorporating Acetylation Polymorphism for Talampanel in Humans. Journal of Pharmacokinetics and Pharmacodynamics, 2005, 32, 377-400.	0.8	4
122	Cdc42 GTPase-activating proteins (GAPs) regulate generational inheritance of cell polarity and cell shape in fission yeast. Molecular Biology of the Cell, 2021, 32, ar14.	0.9	4
123	Effect of Arginase-1 Inhibition on the Incidence of Autoimmune Diabetes in NOD Mice. Current Research in Diabetes & Obesity Journal, 2018, 5, .	0.1	4
124	Exploratory computational assessment of possible binding modes for small molecule inhibitors of the CD40-CD154 co-stimulatory interaction. Die Pharmazie, 2012, 67, 374-9.	0.3	4
125	Parallel Evaluation of Polyethylene Glycol Conformal Coating and Alginate Microencapsulation as Immunoisolation Strategies for Pancreatic Islet Transplantation. Frontiers in Bioengineering and Biotechnology, 2022, 10, .	2.0	4
126	Attempts of Ranking in a Series of Synthetic Nonpsychotropic Cannabinoids. SAR and QSAR in Environmental Research, 2001, 12, 113-127.	1.0	2



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127	Bilinear Model for the Size-Dependency of the CYP3A4 Inhibitory Activity of Structurally Diverse Compounds. <i>Molecular Informatics</i> , 2014, 33, 8-14.	1.4	2
128	The quantitative characterization of free radical sources and traps by electromigration applications. <i>Journal of Proteomics</i> , 2008, 70, 1317-1323.	2.4	1
129	Modeling Fission-Yeast Growth Partitioning and Oscillating Cortical Cdc42 Populations. <i>Biophysical Journal</i> , 2011, 100, 445a.	0.2	1
130	Islet Transplantation: A Collagen Based Cryogel Bioscaffold that Generates Oxygen for Islet Transplantation ( <i>Adv. Funct. Mater.</i> 15/2020). <i>Advanced Functional Materials</i> , 2020, 30, 2070099.	7.8	1
131	Predicting Insulin Secretion Profiles for Immunoisolating Devices with Transplanted Islets. <i>Diabetes</i> , 2018, 67, 27-OR.	0.3	1
132	Drug Targeting by Retrometabolic Design. <i>Drugs and the Pharmaceutical Sciences</i> , 2001, , .	0.1	0
133	The Effect of Recovery Warm-up Time Following Cold Storage on the Dynamic Glucose-stimulated Insulin Secretion of Isolated Human Islets. <i>Cell Transplantation</i> , 2020, 29, 096368972090827.	1.2	0