

Duxin Sun

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5461614/duxin-sun-publications-by-citations.pdf>

Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

98 papers	3,636 citations	31 h-index	58 g-index
106 ext. papers	4,916 ext. citations	7.6 avg, IF	5.65 L-index

#	Paper	IF	Citations
98	Engineering exosomes as refined biological nanoplatforms for drug delivery. <i>Acta Pharmacologica Sinica</i> , 2017 , 38, 754-763	8	467
97	Comparison of human duodenum and Caco-2 gene expression profiles for 12,000 gene sequences tags and correlation with permeability of 26 drugs. <i>Pharmaceutical Research</i> , 2002 , 19, 1400-16	4.5	305
96	Pharmacologic inhibition of the Menin-MLL interaction blocks progression of MLL leukemia in vivo. <i>Cancer Cell</i> , 2015 , 27, 589-602	24.3	212
95	Discovery of a Small-Molecule Degradar of Bromodomain and Extra-Terminal (BET) Proteins with Picomolar Cellular Potencies and Capable of Achieving Tumor Regression. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 462-481	8.3	197
94	A Potent and Selective Small-Molecule Degradar of STAT3 Achieves Complete Tumor Regression In Vivo. <i>Cancer Cell</i> , 2019 , 36, 498-511.e17	24.3	181
93	Discovery of QCA570 as an Exceptionally Potent and Efficacious Proteolysis Targeting Chimera (PROTAC) Degradar of the Bromodomain and Extra-Terminal (BET) Proteins Capable of Inducing Complete and Durable Tumor Regression. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 6685-6704	8.3	133
92	Targeted Degradation of BET Proteins in Triple-Negative Breast Cancer. <i>Cancer Research</i> , 2017 , 77, 2476-2487	24.3	115
91	Discovery of 4-((3R,4R,5R)-6-(2-chloro-4-(3-chloro-2-fluorophenyl)-1-pethyl-2?-oxodispiro[cyclohexane-1,2?pyrrolidine-3,3?-indoline]-5-carboxamido)-2-methyl-2-oxo-1,2,3,4-tetrahydro-1H-benzopyrrolidin-6-yl)-2-methyl-2-oxo-1,2,3,4-tetrahydro-1H-benzopyrrolidine-6-carboxylic Acid (AA-115/APG-115): A Potent and Orally Active Murine Double Minute 2 (MDM2) Inhibitor in Clinical Development. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 2819-2839	8.3	95
90	Sulforaphane enhances the anticancer activity of taxanes against triple negative breast cancer by killing cancer stem cells. <i>Cancer Letters</i> , 2017 , 394, 52-64	9.9	75
89	Structure-Based Discovery of SD-36 as a Potent, Selective, and Efficacious PROTAC Degradar of STAT3 Protein. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 11280-11300	8.3	75
88	Menin inhibitor MI-3454 induces remission in MLL1-rearranged and NPM1-mutated models of leukemia. <i>Journal of Clinical Investigation</i> , 2020 , 130, 981-997	15.9	72
87	Low Buffer Capacity and Alternating Motility along the Human Gastrointestinal Tract: Implications for in Vivo Dissolution and Absorption of Ionizable Drugs. <i>Molecular Pharmaceutics</i> , 2017 , 14, 4281-4294	5.6	66
86	Microbial Metabolite Signaling Is Required for Systemic Iron Homeostasis. <i>Cell Metabolism</i> , 2020 , 31, 115-130.e6	24.6	64
85	Sequential co-delivery of miR-21 inhibitor followed by burst release doxorubicin using NIR-responsive hollow gold nanoparticle to enhance anticancer efficacy. <i>Journal of Controlled Release</i> , 2016 , 228, 74-86	11.7	61
84	What Went Wrong with Anticancer Nanomedicine Design and How to Make It Right. <i>ACS Nano</i> , 2020 , 14, 12281-12290	16.7	61
83	Remdesivir for Treatment of COVID-19: Combination of Pulmonary and IV Administration May Offer Additional Benefit. <i>AAPS Journal</i> , 2020 , 22, 77	3.7	59
82	Bringing Curcumin to the Clinic in Cancer Prevention: a Review of Strategies to Enhance Bioavailability and Efficacy. <i>AAPS Journal</i> , 2017 , 19, 54-81	3.7	53

81	Evaluation of STAT3 signaling in ALDH+ and ALDH+/CD44+/CD24- subpopulations of breast cancer cells. <i>PLoS ONE</i> , 2013 , 8, e82821	3.7	51
80	Discovery of a Highly Potent, Cell-Permeable Macrocyclic Peptidomimetic (MM-589) Targeting the WD Repeat Domain 5 Protein (WDR5)-Mixed Lineage Leukemia (MLL) Protein-Protein Interaction. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 4818-4839	8.3	49
79	Property Focused Structure-Based Optimization of Small Molecule Inhibitors of the Protein-Protein Interaction between Menin and Mixed Lineage Leukemia (MLL). <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 892-913	8.3	47
78	In vitro testing of drug absorption for drug developability assessment: forming an interface between in vitro preclinical data and clinical outcome. <i>Current Opinion in Drug Discovery & Development</i> , 2004 , 7, 75-85		37
77	Safety and Tolerability of Intravenous Valproic Acid in Healthy Subjects: A Phase I Dose-Escalation Trial. <i>Clinical Pharmacokinetics</i> , 2018 , 57, 209-219	6.2	36
76	Complexity of Blocking Bivalent Protein-Protein Interactions: Development of a Highly Potent Inhibitor of the Menin-Mixed-Lineage Leukemia Interaction. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 4832-4850	8.3	36
75	In Vivo Dissolution and Systemic Absorption of Immediate Release Ibuprofen in Human Gastrointestinal Tract under Fed and Fasted Conditions. <i>Molecular Pharmaceutics</i> , 2017 , 14, 4295-4304	5.6	36
74	Litchi seed extracts diminish prostate cancer progression via induction of apoptosis and attenuation of EMT through Akt/GSK-3 β signaling. <i>Scientific Reports</i> , 2017 , 7, 41656	4.9	35
73	The impact of supersaturation level for oral absorption of BCS class IIb drugs, dipyridamole and ketoconazole, using in vivo predictive dissolution system: Gastrointestinal Simulator (GIS). <i>European Journal of Pharmaceutical Sciences</i> , 2017 , 102, 126-139	5.1	33
72	Iron oxide nanoparticle-based theranostics for cancer imaging and therapy. <i>Frontiers of Chemical Science and Engineering</i> , 2014 , 8, 253-264	4.5	33
71	Function of Integrin-Linked Kinase in Modulating the Stemness of IL-6-Abundant Breast Cancer Cells by Regulating β -Secretase-Mediated Notch1 Activation in Caveolae. <i>Neoplasia</i> , 2015 , 17, 497-508	6.4	33
70	Distinct biodistribution of doxorubicin and the altered dispositions mediated by different liposomal formulations. <i>International Journal of Pharmaceutics</i> , 2017 , 519, 1-10	6.5	32
69	Novel cancer stem cell targets during epithelial to mesenchymal transition in PTEN-deficient trastuzumab-resistant breast cancer. <i>Oncotarget</i> , 2016 , 7, 51408-51422	3.3	32
68	Glycine-based treatment ameliorates NAFLD by modulating fatty acid oxidation, glutathione synthesis, and the gut microbiome. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	32
67	Elimination of epithelial-like and mesenchymal-like breast cancer stem cells to inhibit metastasis following nanoparticle-mediated photothermal therapy. <i>Biomaterials</i> , 2016 , 104, 145-57	15.6	31
66	Radioimmunoguided surgery (RIGS), PET/CT image-guided surgery, and fluorescence image-guided surgery: past, present, and future. <i>Journal of Surgical Oncology</i> , 2007 , 96, 297-308	2.8	31
65	Measurement of in vivo Gastrointestinal Release and Dissolution of Three Locally Acting Mesalamine Formulations in Regions of the Human Gastrointestinal Tract. <i>Molecular Pharmaceutics</i> , 2017 , 14, 345-358	5.6	30
64	A polymeric prodrug of cisplatin based on pullulan for the targeted therapy against hepatocellular carcinoma. <i>International Journal of Pharmaceutics</i> , 2015 , 483, 89-100	6.5	30

63	Structure-Based Optimization of a Novel Class of Aldehyde Dehydrogenase 1A (ALDH1A) Subfamily-Selective Inhibitors as Potential Adjuncts to Ovarian Cancer Chemotherapy. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 8754-8773	8.3	29
62	Spatial and Temporal Analysis of the Stomach and Small-Intestinal Microbiota in Fasted Healthy Humans. <i>MSphere</i> , 2019 , 4,	5	28
61	Why 90% of clinical drug development fails and how to improve it?. <i>Acta Pharmaceutica Sinica B</i> , 2022 ,	15.5	28
60	A dual brain-targeting curcumin-loaded polymersomes ameliorated cognitive dysfunction in intrahippocampal amyloid- β -42-injected mice. <i>International Journal of Nanomedicine</i> , 2016 , 11, 3765-75	7.3	27
59	Formulation predictive dissolution (FPD) testing to advance oral drug product development: An introduction to the US FDA funded 21st Century BA/BEP project. <i>International Journal of Pharmaceutics</i> , 2018 , 548, 120-127	6.5	27
58	Pharmacokinetic optimization of CCG-203971: Novel inhibitors of the Rho/MRTF/SRF transcriptional pathway as potential antifibrotic therapeutics for systemic scleroderma. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 1744-1749	2.9	26
57	Unbiased screen identifies aripiprazole as a modulator of abundance of the polyglutamine disease protein, ataxin-3. <i>Brain</i> , 2016 , 139, 2891-2908	11.2	24
56	Structure-Based Discovery of 4-(6-Methoxy-2-methyl-4-(quinolin-4-yl)-9H-pyrimido[4,5-b]indol-7-yl)-3,5-dimethylisoxazole (CD161) as a Potent and Orally Bioavailable BET Bromodomain Inhibitor. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 3887-3901	8.3	23
55	Saikosaponin A Inhibits Triple-Negative Breast Cancer Growth and Metastasis Through Downregulation of CXCR4. <i>Frontiers in Oncology</i> , 2019 , 9, 1487	5.3	21
54	Smart Nanoparticles Undergo Phase Transition for Enhanced Cellular Uptake and Subsequent Intracellular Drug Release in a Tumor Microenvironment. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 278-289	9.5	20
53	Intracellular dissociation of a polymer coating from nanoparticles. <i>Nano Research</i> , 2012 , 5, 815-825	10	20
52	Albumin Nanoparticle of Paclitaxel (Abraxane) Decreases while Taxol Increases Breast Cancer Stem Cells in Treatment of Triple Negative Breast Cancer. <i>Molecular Pharmaceutics</i> , 2020 , 17, 2275-2286	5.6	18
51	Depleting tumor-associated Tregs via nanoparticle-mediated hyperthermia to enhance anti-CTLA-4 immunotherapy. <i>Nanomedicine</i> , 2020 , 15, 77-92	5.6	18
50	Linking the Gastrointestinal Behavior of Ibuprofen with the Systemic Exposure between and within Humans-Part 1: Fasted State Conditions. <i>Molecular Pharmaceutics</i> , 2018 , 15, 5454-5467	5.6	18
49	Gastric emptying and intestinal appearance of nonabsorbable drugs phenol red and paromomycin in human subjects: A multi-compartment stomach approach. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018 , 129, 162-174	5.7	18
48	Drug inhibition of Gly-Sar uptake and hPepT1 localization using hPepT1-GFP fusion protein. <i>AAPS PharmSci</i> , 2001 , 3, E2		16
47	Integrin-linked kinase as a novel molecular switch of the IL-6-NF- κ B signaling loop in breast cancer. <i>Carcinogenesis</i> , 2016 , 37, 430-442	4.6	16
46	Targeting LRP8 inhibits breast cancer stem cells in triple-negative breast cancer. <i>Cancer Letters</i> , 2018 , 438, 165-173	9.9	16

45	A Novel Redox Modulator Induces a GPX4-Mediated Cell Death That Is Dependent on Iron and Reactive Oxygen Species. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 9838-9855	8.3	15
44	EEDi-5285: An Exceptionally Potent, Efficacious, and Orally Active Small-Molecule Inhibitor of Embryonic Ectoderm Development. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 7252-7267	8.3	14
43	Thiol-reactive amphiphilic block copolymer for coating gold nanoparticles with neutral and functional surfaces. <i>Polymer Chemistry</i> , 2014 , 5, 2768-2773	4.9	14
42	Mechanistic Fluid Transport Model to Estimate Gastrointestinal Fluid Volume and Its Dynamic Change Over Time. <i>AAPS Journal</i> , 2017 , 19, 1682-1690	3.7	14
41	Pharmacokinetics and Pharmacogenomics of Bupropion in Three Different Formulations with Different Release Kinetics in Healthy Human Volunteers. <i>AAPS Journal</i> , 2017 , 19, 1513-1522	3.7	14
40	Strategies toward Discovery of Potent and Orally Bioavailable Proteolysis Targeting Chimera Degradors of Androgen Receptor for the Treatment of Prostate Cancer. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 12831-12854	8.3	14
39	Reappraisal of anticancer nanomedicine design criteria in three types of preclinical cancer models for better clinical translation. <i>Biomaterials</i> , 2021 , 275, 120910	15.6	14
38	Discovery of ARD-2585 as an Exceptionally Potent and Orally Active PROTAC Degradator of Androgen Receptor for the Treatment of Advanced Prostate Cancer. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 13487-13509	8.3	12
37	Physiologically based pharmacokinetic modeling of disposition and drug-drug interactions for valproic acid and divalproex. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 111, 465-481	5.1	11
36	Facile Fabrication of Near-Infrared-Resonant and Magnetic Resonance Imaging-Capable Nanomediators for Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 12814-23	9.5	11
35	Ontological modeling and analysis of experimentally or clinically verified drugs against coronavirus infection. <i>Scientific Data</i> , 2021 , 8, 16	8.2	10
34	Linking the Gastrointestinal Behavior of Ibuprofen with the Systemic Exposure between and within Humans-Part 2: Fed State. <i>Molecular Pharmaceutics</i> , 2018 , 15, 5468-5478	5.6	10
33	Doxycycline targets aldehyde dehydrogenase-positive breast cancer stem cells. <i>Oncology Reports</i> , 2018 , 39, 3041-3047	3.5	10
32	Different Nanoformulations Alter the Tissue Distribution of Paclitaxel, Which Aligns with Reported Distinct Efficacy and Safety Profiles. <i>Molecular Pharmaceutics</i> , 2018 , 15, 4505-4516	5.6	10
31	Tumor-derived exosomes: Nanovesicles made by cancer cells to promote cancer metastasis. <i>Acta Pharmaceutica Sinica B</i> , 2021 , 11, 2136-2149	15.5	9
30	Significant Improvement of Antithrombotic Responses to Clopidogrel by Use of a Novel Conjugate as Revealed in an Arterial Model of Thrombosis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016 , 359, 11-7	4.7	8
29	Discovery of EEDi-5273 as an Exceptionally Potent and Orally Efficacious EED Inhibitor Capable of Achieving Complete and Persistent Tumor Regression. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 14540-14556	8.3	7
28	Discovery of CJ-2360 as a Potent and Orally Active Inhibitor of Anaplastic Lymphoma Kinase Capable of Achieving Complete Tumor Regression. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 13994-14018	8.3	7

27	Anti-infective Activity of 2-Cyano-3-Acrylamide Inhibitors with Improved Drug-Like Properties against Two Intracellular Pathogens. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 4183-96	5.9	7
26	In Vivo Predictive Dissolution and Simulation Workshop Report: Facilitating the Development of Oral Drug Formulation and the Prediction of Oral Bioperformance. <i>AAPS Journal</i> , 2018 , 20, 100	3.7	7
25	Self-Assembled Au@Fe Core/Satellite Magnetic Nanoparticles for Versatile Biomolecule Functionalization. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 23858-23869	9.5	6
24	Neonatal Fc Receptor (FcRn) Enhances Tissue Distribution and Prevents Excretion of nab-Paclitaxel. <i>Molecular Pharmaceutics</i> , 2019 , 16, 2385-2393	5.6	6
23	Combined p53- and PTEN-deficiency activates expression of mesenchyme homeobox 1 (MEOX1) required for growth of triple-negative breast cancer. <i>Journal of Biological Chemistry</i> , 2020 , 295, 12188-12202	5.4	6
22	Metabolomics revealed the toxicity of cationic liposomes in HepG2 cells using UHPLC-Q-TOF/MS and multivariate data analysis. <i>Biomedical Chromatography</i> , 2017 , 31, e4036	1.7	6
21	Optimization of Eliglustat-Based Glucosylceramide Synthase Inhibitors as Substrate Reduction Therapy for Gaucher Disease Type 3. <i>ACS Chemical Neuroscience</i> , 2020 , 11, 3464-3473	5.7	6
20	Propagation Characteristics of Fasting Duodeno-Jejunal Contractions in Healthy Controls Measured by Clustered Closely-spaced Manometric Sensors. <i>Journal of Neurogastroenterology and Motility</i> , 2019 , 25, 100-112	4.4	5
19	Pharmacokinetic Disposition Difference Between Cyclosporine and Voclosporin Drives Their Distinct Efficacy and Safety Profiles in Clinical Studies. <i>Clinical Pharmacology: Advances and Applications</i> , 2020 , 12, 83-96	1.5	5
18	Application of an innovative high-throughput liquid chromatography-tandem mass spectrometry method for simultaneous analysis of 18 hazardous drugs to rule out accidental acute chemotherapy exposures in health care workers. <i>Journal of Oncology Pharmacy Practice</i> , 2020 , 26, 794-802	1.7	5
17	Antineutrophil properties of natural gingerols in models of lupus. <i>JCI Insight</i> , 2021 , 6,	9.9	5
16	Discovery of first-in-class inhibitors of ASH1L histone methyltransferase with anti-leukemic activity. <i>Nature Communications</i> , 2021 , 12, 2792	17.4	4
15	Transporters in the GI Tract. <i>Methods and Principles in Medicinal Chemistry</i> , 2003 , 243-287	0.4	3
14	Discovery and Lead Optimization of Benzene-1,4-disulfonamides as Oxidative Phosphorylation Inhibitors.. <i>Journal of Medicinal Chemistry</i> , 2022 ,	8.3	3
13	Mechanistic Deconvolution of Oral Absorption Model with Dynamic Gastrointestinal Fluid to Predict Regional Rate and Extent of GI Drug Dissolution. <i>AAPS Journal</i> , 2019 , 22, 3	3.7	3
12	SD-91 as A Potent and Selective STAT3 Degradar Capable of Achieving Complete and Long-Lasting Tumor Regression. <i>ACS Medicinal Chemistry Letters</i> , 2021 , 12, 996-1004	4.3	3
11	Reverse Microbiomics: A New Reverse Dysbiosis Analysis Strategy and Its Usage in Prediction of Autoantigens and Virulent Factors in Dysbiotic Gut Microbiomes From Rheumatoid Arthritis Patients. <i>Frontiers in Microbiology</i> , 2021 , 12, 633732	5.7	3
10	Albumin nanoparticle containing a PI3K inhibitor and paclitaxel in combination with EPD1 induces tumor remission of breast cancer in mice.. <i>Science Translational Medicine</i> , 2022 , 14, eabl3649	17.5	3

9	Phospholipid nanoparticles: Therapeutic potentials against atherosclerosis via reducing cholesterol crystals and inhibiting inflammation. <i>EBioMedicine</i> , 2021 , 74, 103725	8.8	2
8	Stability of i.v. admixture containing metoclopramide, diphenhydramine hydrochloride, and dexamethasone sodium phosphate in 0.9% sodium chloride injection. <i>American Journal of Health-System Pharmacy</i> , 2014 , 71, 2061-5	2.2	1
7	Uncommon Sugars and Their Conjugates to Natural Products. <i>ACS Symposium Series</i> , 2007 , 15-33	0.4	1
6	Pharmacokinetic Profiles of Nalbuphine after Intraperitoneal and Subcutaneous Administration to C57BL/6 Mice. <i>Journal of the American Association for Laboratory Animal Science</i> , 2017 , 56, 534-538	1.3	1
5	Development of 2,5-dihydro-4H-pyrazolo[3,4-d]pyrimidin-4-one inhibitors of aldehyde dehydrogenase 1A (ALDH1A) as potential adjuncts to ovarian cancer chemotherapy. <i>European Journal of Medicinal Chemistry</i> , 2021 , 211, 113060	6.8	1
4	Species difference in paclitaxel disposition correlated with poor pharmacological efficacy translation from mice to humans. <i>Clinical Pharmacology: Advances and Applications</i> , 2018 , 10, 165-174	1.5	1
3	Trimodal Therapy: A Tumor Vascular-Targeted Interlocking Trimodal Nanosystem That Induces and Exploits Hypoxia (Adv. Sci. 8/2018). <i>Advanced Science</i> , 2018 , 5, 1870048	13.6	1
2	Dysregulated oxalate metabolism is a driver and therapeutic target in atherosclerosis. <i>Cell Reports</i> , 2021 , 36, 109420	10.6	1
1	Induction of glutathione biosynthesis by glycine-based treatment mitigates atherosclerosis.. <i>Redox Biology</i> , 2022 , 52, 102313	11.3	1