

# Xun Sun

## List of Publications by Year in descending order

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63  
papers

926  
citations

394421

19  
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526287

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67  
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67  
docs citations

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times ranked

1344  
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#	ARTICLE	IF	CITATIONS
1	Zinc-Mediated Decarboxylative Alkylation of Gem-difluoroalkenes. <i>Organic Letters</i> , 2018, 20, 4579-4583.	4.6	82
2	Design, Synthesis, and Biological Evaluation of Deuterated C-Aryl Glycoside as a Potent and Long-Acting Renal Sodium-Dependent Glucose Cotransporter 2 Inhibitor for the Treatment of Type 2 Diabetes. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 1236-1251.	6.4	56
3	Discovery of novel sesquiterpene indanone analogues as potent anti-inflammatory agents. <i>European Journal of Medicinal Chemistry</i> , 2016, 113, 63-74.	5.5	53
4	Sulfoxide-Based Enantioselective Nazarov Cyclization: Divergent Syntheses of (+)-isopaucifloral F, (+)-quadrangularin A, and (+)-pallidol. <i>Chemistry - A European Journal</i> , 2016, 22, 14535-14539.	3.3	44
5	Concise total syntheses of (±)-isopaucifloral F, (±)-quadrangularin A, and (±)-pallidol. <i>Tetrahedron Letters</i> , 2011, 52, 2815-2817.	1.4	36
6	Preventing tumor progression to the bone by induced tumor-suppressing MSCs. <i>Theranostics</i> , 2021, 11, 5143-5159.	10.0	30
7	Synthesis, estrogenic activity, and anti-osteoporosis effects in ovariectomized rats of resveratrol oligomer derivatives. <i>European Journal of Medicinal Chemistry</i> , 2015, 102, 26-38.	5.5	28
8	Divergent copper-mediated dimerization and hydroxylation of benzamides involving C-H bond functionalization. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 4239-4246.	2.8	27
9	An allosteric PGAM1 inhibitor effectively suppresses pancreatic ductal adenocarcinoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23264-23273.	7.1	27
10	Suppression of breast cancer-associated bone loss with osteoblast proteomes via Hsp90ab1/moesin-mediated inhibition of TGF $\beta$ 2/FN1/CD44 signaling. <i>Theranostics</i> , 2022, 12, 929-943.	10.0	27
11	Mitochondrial-targeted prodrug cancer therapy using a rhodamine B labeled fluorinated docetaxel. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 85, 541-549.	4.3	26
12	Inhibitory effect of resveratrol dimerized derivatives on nitric oxide production in lipopolysaccharide-induced RAW 264.7 cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 4413-4418.	2.2	25
13	Convenient Synthesis of Indene Derivatives via Intramolecular Friedel-Crafts Cyclization of Tetraaryl Substituted 1,3-Butadienes. <i>Chinese Journal of Chemistry</i> , 2006, 24, 430-434.	4.9	23
14	Fluorination of 2-substituted benzo[b]furans with Selectfluor. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 3190-3193.	2.8	23
15	Selective non-zinc binding MMP-2 inhibitors: Novel benzamide Ilomastat analogs with anti-tumor metastasis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 2174-2178.	2.2	21
16	A practical approach to asymmetric synthesis of dolastatin 10. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6119-6131.	2.8	21
17	Effective approach to ureas through organocatalyzed one-pot process. <i>Tetrahedron Letters</i> , 2018, 59, 1614-1618.	1.4	20
18	Approach to Chiral 1-Substituted Isoquinolone and 3-Substituted Isoindolin-1-one by Addition-Cyclization Process. <i>Journal of Organic Chemistry</i> , 2018, 83, 9879-9889.	3.2	20

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19	Novel Mercapto Propionamide Derivatives with Potent New Delhi Metallo- $\beta$ -Lactamase-1 Inhibitory Activity and Low Toxicity. <i>ACS Infectious Diseases</i> , 2019, 5, 903-916.	3.8	20
20	Enantioselective synthesis of spirooxindole benzoquinolizines via organo-catalyzed cascade reactions. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 778-781.	2.8	19
21	Design, synthesis and biological evaluation of novel fluorinated docetaxel analogues. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 482-491.	5.5	17
22	A Concise and Practical Semisynthesis of Ecteinasidin 743 and (â€“)â€“)orumycin. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 975-983.	2.4	17
23	Synthesis and biological evaluation of novel neuroprotective agents for paraquat-induced apoptosis in human neuronal SH-SY5Y cells. <i>European Journal of Medicinal Chemistry</i> , 2013, 62, 187-198.	5.5	15
24	Design, Synthesis, and Antibacterial Activity of Demethylvancomycin Analogues against Drug-Resistant Bacteria. <i>ChemMedChem</i> , 2013, 8, 976-984.	3.2	14
25	The baroreflex afferent pathway plays a critical role in H <sub>2</sub> S-mediated autonomic control of blood pressure regulation under physiological and hypertensive conditions. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 898-908.	6.1	14
26	Conversion of Osteoclasts into Bone-Protective, Tumor-Suppressing Cells. <i>Cancers</i> , 2021, 13, 5593.	3.7	14
27	Synthesis, cytotoxicity, metabolic stability and pharmacokinetic evaluation of fluorinated docetaxel analogs. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 1743-1748.	5.5	13
28	Synthesis and antibacterial activity against <i>Clostridium difficile</i> of novel demethylvancomycin derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 4942-4945.	2.2	13
29	Counterintuitive production of tumor-suppressive secretomes from Oct4- and c-Myc-overexpressing tumor cells and MSCs. <i>Theranostics</i> , 2022, 12, 3084-3103.	10.0	13
30	Design, synthesis and biological activity of novel demethylvancomycin dimers against vancomycin-resistant enterococcus faecalis. <i>Tetrahedron</i> , 2018, 74, 3527-3533.	1.9	11
31	Loading-induced antitumor capability of murine and human urine. <i>FASEB Journal</i> , 2020, 34, 7578-7592.	0.5	11
32	A Concise and Convenient Synthesis of Stilbenes via Benzils and Arylmethyldiphenylphosphine Oxides. <i>Chinese Journal of Chemistry</i> , 2007, 25, 1866-1870.	4.9	10
33	Spontaneous activities in baroreflex afferent pathway contribute dominant role in parasympathetic neurocontrol of blood pressure regulation. <i>CNS Neuroscience and Therapeutics</i> , 2018, 24, 1219-1230.	3.9	10
34	Synthesis and in vitro antitumor activity of novel iridium(III) complexes with enantiopure C <sub>2</sub> -symmetrical vicinal diamine ligands. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 4602-4607.	2.2	9
35	Chemical Constituents of <i>Cordyceps cicadae</i> . <i>Natural Product Communications</i> , 2015, 10, 1934578X1501001.	0.5	9
36	Pharmacological profiles and therapeutic applications of pachymic acid (Review). <i>Experimental and Therapeutic Medicine</i> , 2022, 24, .	1.8	9

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37	Discovery of novel 1,2,3,4-tetrahydrobenzo[4, 5]thieno[2, 3- c ]pyridine derivatives as potent and selective CYP17 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2017, 132, 157-172.	5.5	8
38	Mechanical Loading-Driven Tumor Suppression Is Mediated by Lrp5-Dependent and Independent Mechanisms. <i>Cancers</i> , 2021, 13, 267.	3.7	8
39	Parkinson-like early autonomic dysfunction induced by vagal application of DOPAL in rats. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 540-551.	3.9	8
40	Novel fluorinated docetaxel analog for anti-hepatoma: Molecular docking and biological evaluation. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 88, 274-281.	4.0	7
41	Novel octapeptide-DTX prodrugs targeting MMP-7 as effective agents for the treatment of colorectal cancer with lower systemic toxicity. <i>European Journal of Medicinal Chemistry</i> , 2020, 193, 112194.	5.5	6
42	Neuroprotective effects of mercaptoethylleonurine and mercaptoethylguanidine analogs on hydrogen peroxide-induced apoptosis in human neuronal SH-SY5Y cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 1793-1796.	2.2	5
43	Differential metabolism of 3FDT and docetaxel in RLMs, rats, and HLMs. <i>European Journal of Medicinal Chemistry</i> , 2016, 113, 81-91.	5.5	5
44	Identification of key genes involved in tumor immune cell infiltration and cetuximab resistance in colorectal cancer. <i>Cancer Cell International</i> , 2021, 21, 135.	4.1	5
45	Identification of a metabolic signature to predict overall survival for colorectal cancer. <i>Scandinavian Journal of Gastroenterology</i> , 2021, 56, 1078-1087.	1.5	5
46	A Novel Resveratrol Analog Upregulates SIRT1 Expression and Ameliorates Neointima Formation. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 756098.	2.4	5
47	Synthesis and Cytotoxic Evaluation of Novel Platinum(II) Complexes with C2-Asymmetric and C2-Symmetric Chiral Vicinal Diamines. <i>Chinese Journal of Chemistry</i> , 2013, 31, 154-158.	4.9	4
48	LMR-101, a novel derivative of propofol, exhibits potent anticonvulsant effects and possibly interacts with a novel target on $\beta$ -aminobutyric acid type A receptors. <i>Epilepsia</i> , 2021, 62, 238-249.	5.1	4
49	Mechanical tibial loading remotely suppresses brain tumors by dopamine-mediated downregulation of CCN4. <i>Bone Research</i> , 2021, 9, 26.	11.4	4
50	A novel resveratrol analog upregulates sirtuin 1 and inhibits inflammatory cell infiltration in acute pancreatitis. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 1264-1273.	6.1	3
51	Estrogen-dependent depressor response of melatonin via baroreflex afferent function and intensification of PKC-mediated Nav1.9 activation. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 2313-2324.	6.1	3
52	Discovery of pyrimidine-bridged CA-4 CBSIs for the treatment of cervical cancer in combination with cisplatin with significantly reduced nephrotoxicity. <i>European Journal of Medicinal Chemistry</i> , 2022, 235, 114271.	5.5	3
53	Design, synthesis and biological evaluation of novel 5-methyl-2,4,5,6-tetrahydropyrrolo[3,4-c]pyrazole derivatives as potent potassium-competitive acid blockers. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 64, 116765.	3.0	3
54	Design, synthesis and biological evaluation of novel indone derivatives as selective ER <sup>1</sup> 2 modulators. <i>Medicinal Chemistry Research</i> , 2019, 28, 1010-1026.	2.4	2

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55	A Concise Approach to N-Substituted Rhodanines through a Base-Assisted One-Pot Coupling and Cyclization Process. <i>Molecules</i> , 2020, 25, 1138.	3.8	2
56	A bicyclic pentapeptide-based highly potent and selective pan-SIRT1/2/3 inhibitor harboring N $\mu$ -thioacetyl-lysine. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115356.	3.0	2
57	Bradykinin $\alpha$ -mediated estrogen $\alpha$ -dependent depressor response by direct activation of female $\alpha$ -specific distribution of myelinated A $\alpha$ -type baroreceptor neurons in rats. <i>CNS Neuroscience and Therapeutics</i> , 2022, 28, 435-447.	3.9	2
58	Discovery of First-in-Class TAK1 $\alpha$ -MKK3 Protein $\alpha$ -Protein Interaction (PPI) Inhibitor <b>STU104</b> for the Treatment of Ulcerative Colitis through Modulating TNF $\alpha$ -Production. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 6690-6709.	6.4	2
59	Design, synthesis and cytotoxicity of novel 3 $\alpha$ -N-alkoxycarbonyl docetaxel analogs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 6834-6837.	2.2	1
60	Synthesis and Anti-HBV Activity of Novel 3 $\alpha$ -N-phenylsulfonyl Docetaxel Analogs. <i>Molecules</i> , 2013, 18, 10189-10212.	3.8	1
61	TMSOTf-mediated approach to 1,3-oxazin-2-one skeleton through one-pot successive reduction-[4 $\alpha$ + $\alpha$ 2] cyclization process of imides with ynamides. <i>Tetrahedron Letters</i> , 2021, 68, 152946.	1.4	1
62	(1S,2S,3R,4S,5R,7S,8S,10R,13S)-2-Debenzoyl-10-deacetyl-2-(3-fluorobenzoyl)-7,10-bis(2,2,2-trichloroethoxycarbonyl)baccatin III ethyl acetate monosolvate monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o547-o547.	0.2	0
63	Identification, Synthesis, and Comprehension of an Imidazole N-3 Regioisomeric Impurity of Olmesartan Medoxomil Key Intermediate. <i>Organic Process Research and Development</i> , 2022, 26, 1247-1257.	2.7	0