

# Wanguo Wei

## List of Publications by Year in descending order

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30  
papers

2,277  
citations

430874

18  
h-index

477307

29  
g-index

34  
all docs

34  
docs citations

34  
times ranked

4079  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reprogramming of Human Primary Somatic Cells by OCT4 and Chemical Compounds. <i>Cell Stem Cell</i> , 2010, 7, 651-655.	11.1	602
2	Rapid induction and long-term self-renewal of primitive neural precursors from human embryonic stem cells by small molecule inhibitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 8299-8304.	7.1	358
3	Revealing a core signaling regulatory mechanism for pluripotent stem cell survival and self-renewal by small molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 8129-8134.	7.1	312
4	Chemical Approaches to Stem Cell Biology and Therapeutics. <i>Cell Stem Cell</i> , 2013, 13, 270-283.	11.1	156
5	Atg5-independent autophagy regulates mitochondrial clearance and is essential for iPSC reprogramming. <i>Nature Cell Biology</i> , 2015, 17, 1379-1387.	10.3	153
6	Synthesis Studies toward Chloroazaphilone and Vinyllogous $\beta$ -Pyridones: A Two Common Natural Product Core Structures. <i>Journal of Organic Chemistry</i> , 2005, 70, 4585-4590.	3.2	67
7	Lysophosphatidic acid accelerates lung fibrosis by inducing differentiation of mesenchymal stem cells into myofibroblasts. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 156-169.	3.6	64
8	Selective Oxidation of Anilines to Azobenzenes and Azoxybenzenes by a Molecular Mo Oxide Catalyst. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6382-6385.	13.8	62
9	Chemical Strategies for Stem Cell Biology and Regenerative Medicine. <i>Annual Review of Biomedical Engineering</i> , 2011, 13, 73-90.	12.3	61
10	Total Synthesis, Assignment of Absolute Stereochemistry, and Structural Revision of Chlorofusin. <i>Journal of the American Chemical Society</i> , 2007, 129, 6400-6401.	13.7	43
11	An Ursolic Acid Derived Small Molecule Triggers Cancer Cell Death through Hyperstimulation of Macropinocytosis. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 6638-6648.	6.4	40
12	Radical-Catalyzed Metal-Free Alkynylation of Aldehydes by Direct C-H Activation. <i>Chemistry - A European Journal</i> , 2015, 21, 8745-8749.	3.3	39
13	Maintenance of Primary Hepatocyte Functions In Vitro by Inhibiting Mechanical Tension-Induced YAP Activation. <i>Cell Reports</i> , 2019, 29, 3212-3222.e4.	6.4	35
14	A combination of the telomerase inhibitor, BIBR1532, and paclitaxel synergistically inhibit cell proliferation in breast cancer cell lines. <i>Targeted Oncology</i> , 2015, 10, 565-573.	3.6	34
15	Chemical approaches to studying stem cell biology. <i>Cell Research</i> , 2013, 23, 81-91.	12.0	32
16	Iron(III)-Catalyzed Arylation of Spiro-Epoxyoxindoles with Phenols/Naphthols towards the Synthesis of Spirocyclic Oxindoles. <i>Chemistry - A European Journal</i> , 2016, 22, 9797-9803.	3.3	32
17	New small molecule inhibitors of hepatitis C virus. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 6926-6930.	2.2	23
18	Self-renewal of hepatoblasts under chemically defined conditions by iterative growth factor and chemical screening. <i>Hepatology</i> , 2015, 61, 337-347.	7.3	21

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19	Novel Triapine Derivative Induces Copper-Dependent Cell Death in Hematopoietic Cancers. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 3107-3121.	6.4	21
20	Bromoetherification-based strategy towards the spirocyclic chromophore of chlorofusin. <i>Tetrahedron Letters</i> , 2006, 47, 4171-4174.	1.4	17
21	Metal-free sulfonylation of quinones with sulfonyl hydrazides in water: Facile access to mono-sulfonylated hydroquinones. <i>Tetrahedron</i> , 2017, 73, 2760-2765.	1.9	17
22	Generation of Self-Renewing Hepatoblasts From Human Embryonic Stem Cells by Chemical Approaches. <i>Stem Cells Translational Medicine</i> , 2015, 4, 1275-1282.	3.3	14
23	Concise Synthesis of Polycyclic Indoline Scaffolds through an In <sup>III</sup> -Catalyzed Formal [4+2] Annulation of 2,3-Disubstituted Indoles with <i>o</i> -Aminobenzyl Alcohols. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2652-2660.	2.4	14
24	FeCl <sub>3</sub> -Promoted Annulation of 2-Haloindoles: Switchable Synthesis of Spirooxindole-chromeno[2,3- <i>b</i> ]indoles and Spirooxindole-chromeno[3,2- <i>b</i> ]indoles. <i>Journal of Organic Chemistry</i> , 2020, 85, 3638-3654.	3.2	14
25	TGF- $\beta$ 2 Signaling in Stem Cell Regulation. <i>Methods in Molecular Biology</i> , 2016, 1344, 137-145.	0.9	12
26	A practical procedure for multisubstituted $\beta$ -naphthols and their derivatives. <i>Tetrahedron</i> , 2003, 59, 6621-6625.	1.9	10
27	Selective Oxidation of Anilines to Azobenzenes and Azoxybenzenes by a Molecular Mo Oxide Catalyst. <i>Angewandte Chemie</i> , 2021, 133, 6452-6455.	2.0	10
28	Facile and green synthesis of dapagliflozin. <i>Synthetic Communications</i> , 2019, 49, 3373-3379.	2.1	8
29	Synthesis of the cyclic nonapeptide of chlorofusin using a convergent [3+3+3]-fragment coupling strategy. <i>Tetrahedron</i> , 2010, 66, 3427-3432.	1.9	6
30	Practical Synthesis of Pimobendan. <i>Heterocycles</i> , 2019, 98, 674.	0.7	0