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List of Publications by Year
in descending order

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33 papers	2,502 citations	279798 23 h-index	361022 35 g-index
37 all docs	37 docs citations	37 times ranked	4470 citing authors

#	Article	IF	Citations
1	The oncometabolite 2â€hydroxyglutarate inhibits histone lysine demethylases. EMBO Reports, 2011, 12, 463-469.	4.5	851
2	A safe lithium mimetic for bipolar disorder. Nature Communications, 2013, 4, 1332.	12.8	221
3	Selective Inhibitors of the JMJD2 Histone Demethylases: Combined Nondenaturing Mass Spectrometric Screening and Crystallographic Approaches. Journal of Medicinal Chemistry, 2010, 53, 1810-1818.	6.4	146
4	Plant Growth Regulator Daminozide Is a Selective Inhibitor of Human KDM2/7 Histone Demethylases. Journal of Medicinal Chemistry, 2012, 55, 6639-6643.	6.4	125
5	N6-Methyladenosine: a conformational marker that regulates the substrate specificity of human demethylases FTO and ALKBH5. Scientific Reports, 2016, 6, 25677.	3.3	118
6	A strategy based on nucleotide specificity leads to a subfamily-selective and cell-active inhibitor of N⁶-methyladenosine demethylase FTO. Chemical Science, 2015, 6, 112-122.	7.4	85
7	Doxorubicin-loaded cell-derived nanovesicles: an alternative targeted approach for anti-tumor therapy. International Journal of Nanomedicine, 2017, Volume 12, 2759-2767.	6.7	83
8	Dynamic Combinatorial Chemistry Employing Boronic Acids/Boronate Esters Leads to Potent Oxygenase Inhibitors. Angewandte Chemie - International Edition, 2012, 51, 6672-6675.	13.8	82
9	Inhibition of Histone Demethylases by 4â€Carboxyâ€2,2â€²â€Bipyridyl Compounds. ChemMedChem, 2011, 6, 759-764.	3.6	76
10	Linking of 2â€Oxoglutarate and Substrate Binding Sites Enables Potent and Highly Selective Inhibition of JmjC Histone Demethylases. Angewandte Chemie - International Edition, 2012, 51, 1631-1634.	13.8	64
11	Poly(ADP-ribose)polymerase Inhibition - Where Now?. Current Medicinal Chemistry, 2005, 12, 2373-2392.	2.4	59
12	5-Nitroisocoumarins from tandem Castroâ€“Stephens couplingâ€”6-endo-dig cyclisation of 2-iodo-3-nitrobenzoic acid and arylethynes and ring-closure of methyl 2-alkynyl-3-nitrobenzoates with electrophiles. Tetrahedron, 2006, 62, 4829-4837.	1.9	55
13	Dynamic Combinatorial Mass Spectrometry Leads to Inhibitors of a 2-Oxoglutarate-Dependent Nucleic Acid Demethylase. Journal of Medicinal Chemistry, 2012, 55, 2173-2184.	6.4	49
14	5-Benzamidoisoquinolin-1-ones and 5-(Ï‰-Carboxyalkyl)isoquinolin-1-ones as Isoform-Selective Inhibitors of Poly(ADP-ribose) Polymerase 2 (PARP-2). Journal of Medicinal Chemistry, 2011, 54, 2049-2059.	6.4	46
15	Structure-Guided Design of Cell Wall Biosynthesis Inhibitors That Overcome Î²-Lactam Resistance in Staphylococcus aureus (MRSA). ACS Chemical Biology, 2011, 6, 943-951.	3.4	44
16	Hepatic FTO expression is increased in NASH and its silencing attenuates palmitic acid-induced lipotoxicity. Biochemical and Biophysical Research Communications, 2016, 479, 476-481.	2.1	39
17	Synthesis and Evaluation of 3-(Dihydroxyboryl)benzoic Acids as <scp>d</scp>,<scp>d</scp>-Carboxypeptidase R39 Inhibitors. Journal of Medicinal Chemistry, 2009, 52, 6097-6106.	6.4	37
18	Observations on the Deprotection of Pinanediol and Pinacol Boronate Esters via Fluorinated Intermediates. Journal of Organic Chemistry, 2010, 75, 468-471.	3.2	37

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19	Structure Guided Development of Potent Reversibly Binding Penicillin Binding Protein Inhibitors. ACS Medicinal Chemistry Letters, 2011, 2, 219-223.	2.8	28
20	A fluorescent methylation-switchable probe for highly sensitive analysis of FTON⁶-methyladenosine demethylase activity in cells. Chemical Science, 2018, 9, 7174-7185.	7.4	28
21	Exploration of the nicotinamide-binding site of the tankyrases, identifying 3-arylisoquinolin-1-ones as potent and selective inhibitors in vitro. Bioorganic and Medicinal Chemistry, 2015, 23, 5891-5908.	3.0	26
22	Multiprotein Dynamic Combinatorial Chemistry: A Strategy for the Simultaneous Discovery of Subfamilyâ€Selective Inhibitors for Nucleic Acid Demethylases FTO and ALKBH3. Chemistry - an Asian Journal, 2018, 13, 2854-2867.	3.3	26
23	Solid-Phase Synthesis of Chlorofusin Analogues. Journal of Organic Chemistry, 2007, 72, 5146-5151.	3.2	24
24	A methylation-switchable conformational probe for the sensitive and selective detection of RNA demethylase activity. Chemical Communications, 2016, 52, 6181-6184.	4.1	23
25	Dual-action inhibitors of HIF prolyl hydroxylases that induce binding of a second iron ion. Organic and Biomolecular Chemistry, 2013, 11, 732-745.	2.8	21
26	One-pot tandem Hurtleyâ€“retro-Claisenâ€“cyclisation reactions in the synthesis of 3-substituted analogues of 5-aminoisoquinolin-1-one (5-AIQ), a water-soluble inhibitor of PARPs. Bioorganic and Medicinal Chemistry, 2013, 21, 5218-5227.	3.0	19
27	A general strategy exploiting m5C duplex-remodelling effect for selective detection of RNA and DNA m5C methyltransferase activity in cells. Nucleic Acids Research, 2019, 48, e5.	14.5	16
28	A new synthesis of â€˜pushâ€“pullâ€™ naphthalenes by condensation of nitro-2-methylbenzoate esters with dimethylacetamide dimethyl acetal. Tetrahedron Letters, 2002, 43, 2299-2302.	1.4	13
29	Inhibition of AlkB Nucleic Acid Demethylases: Promising New Epigenetic Targets. Journal of Medicinal Chemistry, 2021, 64, 16974-17003.	6.4	11
30	Micro cell vesicle technology (mCVT): a novel hybrid system of gene delivery for hard-to-transfect (HTT) cells. Nanoscale, 2020, 12, 18022-18030.	5.6	5
31	Reductive Cyclisation of 2-Cyanomethyl-3-Nitrobenzoates. Letters in Organic Chemistry, 2006, 3, 619-621.	0.5	4
32	Antiobesity Effects of Natural Products from an Epigenetic Perspective. Studies in Natural Products Chemistry, 2014, 41, 161-193.	1.8	1
33	Abstract 4480: Evaluation of anti-tumor enone-based bioactive compounds as specific thioredoxin reductase inhibitors. , 2015, , .		1