

Esther C Y Woon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1197609/publications.pdf>

Version: 2024-02-01

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	Inhibition of AlkB Nucleic Acid Demethylases: Promising New Epigenetic Targets. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 16974-17003.	6.4	11
2	Micro cell vesicle technology (mCVT): a novel hybrid system of gene delivery for hard-to-transfect (HTT) cells. <i>Nanoscale</i> , 2020, 12, 18022-18030.	5.6	5
3	A general strategy exploiting m5C duplex-remodelling effect for selective detection of RNA and DNA m5C methyltransferase activity in cells. <i>Nucleic Acids Research</i> , 2019, 48, e5.	14.5	16
4	A fluorescent methylation-switchable probe for highly sensitive analysis of FTO N ⁶ -methyladenosine demethylase activity in cells. <i>Chemical Science</i> , 2018, 9, 7174-7185.	7.4	28
5	Multiprotein Dynamic Combinatorial Chemistry: A Strategy for the Simultaneous Discovery of Subfamily-Selective Inhibitors for Nucleic Acid Demethylases FTO and ALKBH3. <i>Chemistry - an Asian Journal</i> , 2018, 13, 2854-2867.	3.3	26
6	Doxorubicin-loaded cell-derived nanovesicles: an alternative targeted approach for anti-tumor therapy. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 2759-2767.	6.7	83
7	A methylation-switchable conformational probe for the sensitive and selective detection of RNA demethylase activity. <i>Chemical Communications</i> , 2016, 52, 6181-6184.	4.1	23
8	Hepatic FTO expression is increased in NASH and its silencing attenuates palmitic acid-induced lipotoxicity. <i>Biochemical and Biophysical Research Communications</i> , 2016, 479, 476-481.	2.1	39
9	N ⁶ -Methyladenosine: a conformational marker that regulates the substrate specificity of human demethylases FTO and ALKBH5. <i>Scientific Reports</i> , 2016, 6, 25677.	3.3	118
10	A strategy based on nucleotide specificity leads to a subfamily-selective and cell-active inhibitor of N ⁶ -methyladenosine demethylase FTO. <i>Chemical Science</i> , 2015, 6, 112-122.	7.4	85
11	Exploration of the nicotinamide-binding site of the tankyrases, identifying 3-arylisquinolin-1-ones as potent and selective inhibitors in vitro. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 5891-5908.	3.0	26
12	Abstract 4480: Evaluation of anti-tumor enone-based bioactive compounds as specific thioredoxin reductase inhibitors. , 2015, , .		1
13	Antiobesity Effects of Natural Products from an Epigenetic Perspective. <i>Studies in Natural Products Chemistry</i> , 2014, 41, 161-193.	1.8	1
14	One-pot tandem Hurdley-Claisen cyclisation reactions in the synthesis of 3-substituted analogues of 5-aminoisoquinolin-1-one (5-AIQ), a water-soluble inhibitor of PARPs. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 5218-5227.	3.0	19
15	Dual-action inhibitors of HIF prolyl hydroxylases that induce binding of a second iron ion. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 732-745.	2.8	21
16	A safe lithium mimetic for bipolar disorder. <i>Nature Communications</i> , 2013, 4, 1332.	12.8	221
17	Plant Growth Regulator Daminozide Is a Selective Inhibitor of Human KDM2/7 Histone Demethylases. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 6639-6643.	6.4	125
18	Dynamic Combinatorial Mass Spectrometry Leads to Inhibitors of a 2-Oxoglutarate-Dependent Nucleic Acid Demethylase. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 2173-2184.	6.4	49

#	ARTICLE	IF	CITATIONS
19	Dynamic Combinatorial Chemistry Employing Boronic Acids/Boronate Esters Leads to Potent Oxygenase Inhibitors. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6672-6675.	13.8	82
20	Linking of 2-Oxoglutarate and Substrate Binding Sites Enables Potent and Highly Selective Inhibition of JMJC Histone Demethylases. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1631-1634.	13.8	64
21	5-Benzamidoisoquinolin-1-ones and 5-(1-Carboxyalkyl)isoquinolin-1-ones as Isoform-Selective Inhibitors of Poly(ADP-ribose) Polymerase 2 (PARP-2). <i>Journal of Medicinal Chemistry</i> , 2011, 54, 2049-2059.	6.4	46
22	Structure Guided Development of Potent Reversibly Binding Penicillin Binding Protein Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2011, 2, 219-223.	2.8	28
23	Structure-Guided Design of Cell Wall Biosynthesis Inhibitors That Overcome β -Lactam Resistance in <i>Staphylococcus aureus</i> (MRSA). <i>ACS Chemical Biology</i> , 2011, 6, 943-951.	3.4	44
24	The oncometabolite 2-Hydroxyglutarate inhibits histone lysine demethylases. <i>EMBO Reports</i> , 2011, 12, 463-469.	4.5	851
25	Inhibition of Histone Demethylases by 2,2-Bipyridyl Compounds. <i>ChemMedChem</i> , 2011, 6, 759-764.	7.6	76
26	Selective Inhibitors of the JMJD2 Histone Demethylases: Combined Nondenaturing Mass Spectrometric Screening and Crystallographic Approaches. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 1810-1818.	6.4	146
27	Observations on the Deprotection of Pinanediol and Pinacol Boronate Esters via Fluorinated Intermediates. <i>Journal of Organic Chemistry</i> , 2010, 75, 468-471.	3.2	37
28	Synthesis and Evaluation of 3-(Dihydroxyboryl)benzoic Acids as Carboxypeptidase R39 Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 6097-6106.	6.4	37
29	Solid-Phase Synthesis of Chlorofusin Analogues. <i>Journal of Organic Chemistry</i> , 2007, 72, 5146-5151.	3.2	24
30	Reductive Cyclisation of 2-Cyanomethyl-3-Nitrobenzoates. <i>Letters in Organic Chemistry</i> , 2006, 3, 619-621.	0.5	4
31	5-Nitroisocoumarins from tandem Castro-Stephens coupling-6-endo-dig cyclisation of 2-iodo-3-nitrobenzoic acid and arylethyne and ring-closure of methyl 2-alkynyl-3-nitrobenzoates with electrophiles. <i>Tetrahedron</i> , 2006, 62, 4829-4837.	1.9	55
32	Poly(ADP-ribose)polymerase Inhibition - Where Now?. <i>Current Medicinal Chemistry</i> , 2005, 12, 2373-2392.	2.4	59
33	A new synthesis of "push-pull" naphthalenes by condensation of nitro-2-methylbenzoate esters with dimethylacetamide dimethyl acetal. <i>Tetrahedron Letters</i> , 2002, 43, 2299-2302.	1.4	13