Jane E Ishmael

List of Publications by Year
in descending order

40 papers	6,249 citations	361413 20 h-index	302126 39 g-index
41 all docs	41 docs citations	41 times ranked	15361 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Isolation of a Novel Family of C2H2 Zinc Finger Proteins Implicated in Transcriptional Repression Mediated by Chicken Ovalbumin Upstream Promoter Transcription Factor (COUP-TF) Orphan Nuclear Receptors. Journal of Biological Chemistry, 2000, 275, 10315-10322.	3.4	174
3	p300 Functions as a Coactivator for the Peroxisome Proliferator-activated Receptor Î±. Journal of Biological Chemistry, 1997, 272, 33435-33443.	3.4	163
4	CTIP1 and CTIP2 are differentially expressed during mouse embryogenesis. Gene Expression Patterns, 2004, 4, 733-739.	0.8	133
5	Identification of Nuclear Receptor Corepressor as a Peroxisome Proliferator-activated Receptor Î± Interacting Protein. Journal of Biological Chemistry, 1999, 274, 15901-15907.	3.4	117
6	Apratoxin H and Apratoxin A Sulfoxide from the Red Sea Cyanobacterium Moorea producens. Journal of Natural Products, 2013, 76, 1781-1788.	3.0	88
7	Coibamide A Induces mTOR-Independent Autophagy and Cell Death in Human Glioblastoma Cells. PLoS ONE, 2013, 8, e65250.	2.5	80
8	Interaction of GRASP, a Protein encoded by a Novel Retinoic Acid-induced Gene, with Members of the Cytohesin Family of Guanine Nucleotide Exchange Factors. Journal of Biological Chemistry, 2000, 275, 16827-16836.	3.4	74
9	Cyclic Depsipeptides, Grassypeptolides D and E and Ibu-epidemethoxylyngbyastatin 3, from a Red Sea Leptolyngbya Cyanobacterium. Journal of Natural Products, 2011, 74, 1677-1685.	3.0	67
10	Mandelalides Aâ€“D, Cytotoxic Macrolides from a New Lissoclinum Species of South African Tunicate. Journal of Organic Chemistry, 2012, 77, 6066-6075.	3.2	64
11	Synthesis and Opioid Activity of Conformationally Constrained Dynorphin A Analogues. 2.1Conformational Constraint in the â€œAddressâ€•Sequenceâ€,â€¡. Journal of Medicinal Chemistry, 1997, 40, 1211-1218.	6.4	59
12	Depsipeptide Companeramides from a Panamanian Marine Cyanobacterium Associated with the Coibamide Producer. Journal of Natural Products, 2015, 78, 413-420.	3.0	49
13	Coibamide A, a natural lariat depsipeptide, inhibits VEGFA/VEGFR2 expression and suppresses tumor growth in glioblastoma xenografts. Investigational New Drugs, 2016, 34, 24-40.	2.6	49
14	Direct interaction of myosin regulatory light chain with the NMDA receptor. Journal of Neurochemistry, 2005, 92, 349-361.	3.9	40
15	Coibamide A Targets Sec61 to Prevent Biogenesis of Secretory and Membrane Proteins. ACS Chemical Biology, 2020, 15, 2125-2136.	3.4	39
16	Heterodimeric Interactions between Chicken Ovalbumin Upstream Promoter-Transcription Factor Family Members ARP1 and Ear2. Journal of Biological Chemistry, 1999, 274, 14331-14336.	3.4	31
17	Enantioselective Total Synthesis of Mandelalide A and Isomandelalide A: Discovery of a Cytotoxic Ring-Expanded Isomer. Journal of the American Chemical Society, 2016, 138, 770-773.	13.7	30
18	New Mandelalides Expand a Macrolide Series of Mitochondrial Inhibitors. Journal of Medicinal Chemistry, 2017, 60, 7850-7862.	6.4	26

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19	Interrogating the Tailoring Steps of Pactamycin Biosynthesis and Accessing New Pactamycin Analogues. ChemBioChem, 2016, 17, 1585-1588.	2.6	24
20	Synthetic Access to the Mandelalide Family of Macrolides: Development of an Anion Relay Chemistry Strategy. Journal of Organic Chemistry, 2018, 83, 4287-4306.	3.2	21
21	Synthesis and Evaluation of N,N-Dialkyl Enkephalin-Based Affinity Labels for Î´ Opioid Receptors. Journal of Medicinal Chemistry, 2000, 43, 3941-3948.	6.4	19
22	ATG5 Promotes Death Signaling in Response to the Cyclic Depsipeptides Coibamide A and Apratoxin A. Marine Drugs, 2018, 16, 77.	4.6	19
23	Synthesis and biological evaluation of the [d-MeAla11]-epimer of coibamide A. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 302-306.	2.2	18
24	N-Methyl-D-aspartate Receptor Subunits Are Non-myosin Targets of Myosin Regulatory Light Chain. Journal of Biological Chemistry, 2009, 284, 1252-1266.	3.4	17
25	Apoptolidins A and C activate AMPK in metabolically sensitive cell types and are mechanistically distinct from oligomycin A. Biochemical Pharmacology, 2015, 93, 251-265.	4.4	17
26	Jizanpeptins, Cyanobacterial Protease Inhibitors from a Symploca sp. Cyanobacterium Collected in the Red Sea. Journal of Natural Products, 2018, 81, 1417-1425.	3.0	17
27	Nonmuscle myosins II-B and Va are components of detergent-resistant membrane skeletons derived from mouse forebrain. Brain Research, 2007, 1143, 46-59.	2.2	16
28	Discovery of Mandelalide E and Determinants of Cytotoxicity for the Mandelalide Series. Organic Letters, 2016, 18, 1374-1377.	4.6	15
29	Identification of an atypical calcium-dependent calmodulin binding site on the C-terminal domain of GluN2A. Biochemical and Biophysical Research Communications, 2014, 444, 588-594.	2.1	14
30	Targeting of HER/ErbB family proteins using broad spectrum Sec61 inhibitors coibamide A and apratoxin A. Biochemical Pharmacology, 2021, 183, 114317.	4.4	13
31	Succinylated Apoptolidins from Amycolatopsis sp. ICBB 8242. Organic Letters, 2015, 17, 2526-2529.	4.6	12
32	Tolypocladamide H and the Proposed Tolypocladamide NRPS in Tolypocladium Species. Journal of Natural Products, 2022, 85, 1363-1373.	3.0	10
33	High Level Expression of the NMDAR1 Glutamate Receptor Subunit in Electroporated COS Cells. Journal of Neurochemistry, 2002, 67, 1500-1510.	3.9	6
34	Localization of myosin II regulatory light chain in the cerebral vasculature. Acta Histochemica, 2008, 110, 172-177.	1.8	6
35	Co-expression of myosin II regulatory light chain and the NMDAR1 subunit in neonatal and adult mouse brain. Brain Research Bulletin, 2007, 74, 439-451.	3.0	5
36	Survival of Swiss-Webster mouse cerebellar granule neurons is promoted by a combination of potassium channel blockers. Toxicology Letters, 2007, 171, 60-68.	0.8	4

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37	MDR1 function is sensitive to the phosphorylation state of myosin regulatory light chain. Biochemical and Biophysical Research Communications, 2010, 398, 7-12.	2.1	4
38	Canine osteosarcoma cells exhibit basal accumulation of multiple chaperone proteins and are sensitive to small molecule inhibitors of GRP78 and heat shock protein function. Cell Stress and Chaperones, 2022, 27, 223-239.	2.9	4
39	The Marine-Derived Macrolactone Mandelalide A Is an Indirect Activator of AMPK. Marine Drugs, 2022, 20, 418.	4.6	4
40	The marine natural product coibamide targets expression of HER family receptors. FASEB Journal, 2018, 32, lb670.	0.5	0