

J David Warren

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

3,745
citations

186265

28
h-index

197818

49
g-index

54
all docs

54
docs citations

54
times ranked

5448
citing authors

#	ARTICLE	IF	CITATIONS
1	The Mitochondrial-Targeted Compound SS-31 Re-Energizes Ischemic Mitochondria by Interacting with Cardiolipin. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 1250-1261.	6.1	359
2	Cyanine fluorophore derivatives with enhanced photostability. <i>Nature Methods</i> , 2012, 9, 68-71.	19.0	269
3	Identification of a small molecule inhibitor of 3-phosphoglycerate dehydrogenase to target serine biosynthesis in cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1778-1783.	7.1	239
4	Targeting mitochondrial cardiolipin and the cytochrome <i>c</i> /cardiolipin complex to promote electron transport and optimize mitochondrial <i>ATP</i> synthesis. <i>British Journal of Pharmacology</i> , 2014, 171, 2017-2028.	5.4	237
5	Endocytosis of beta-cyclodextrins is responsible for cholesterol reduction in Niemann-Pick type C mutant cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 5477-5482.	7.1	229
6	Toward Fully Synthetic Glycoproteins by Ultimately Convergent Routes: A Solution to a Long-Standing Problem. <i>Journal of the American Chemical Society</i> , 2004, 126, 6576-6578.	13.7	216
7	Inhibitors selective for mycobacterial versus human proteasomes. <i>Nature</i> , 2009, 461, 621-626.	27.8	213
8	Building Complex Glycopeptides: Development of a Cysteine-Free Native Chemical Ligation Protocol. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4116-4125.	13.8	158
9	Opsin Is a Phospholipid Flippase. <i>Current Biology</i> , 2011, 21, 149-153.	3.9	154
10	Influencing the Tumor Microenvironment: A Phase II Study of Copper Depletion Using Tetrathiomolybdate in Patients with Breast Cancer at High Risk for Recurrence and in Preclinical Models of Lung Metastases. <i>Clinical Cancer Research</i> , 2017, 23, 666-676.	7.0	140
11	Enhanced photostability of cyanine fluorophores across the visible spectrum. <i>Nature Methods</i> , 2012, 9, 428-429.	19.0	119
12	Fully Synthetic Carbohydrate HIV Antigens Designed on the Logic of the 2G12 Antibody. <i>Journal of the American Chemical Society</i> , 2007, 129, 11042-11044.	13.7	109
13	Nonsteroidal anti-inflammatory drug sensitizes <i>Mycobacterium tuberculosis</i> to endogenous and exogenous antimicrobials. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16004-16011.	7.1	101
14	Chiral Ketone-Catalyzed Asymmetric Epoxidation of 2,2-Disubstituted Vinylsilanes. <i>Journal of Organic Chemistry</i> , 1999, 64, 7675-7677.	3.2	94
15	On the Mechanisms of Cyanine Fluorophore Photostabilization. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 2200-2203.	4.6	83
16	Tetrathiomolybdate-associated copper depletion decreases circulating endothelial progenitor cells in women with breast cancer at high risk of relapse. <i>Annals of Oncology</i> , 2013, 24, 1491-1498.	1.2	74
17	Studies Related to the Relative Thermodynamic Stability of C-Terminal Peptidyl Esters of O-Hydroxy Thiophenol: A Emergence of a Doable Strategy for Non-Cysteine Ligation Applicable to the Chemical Synthesis of Glycopeptides. <i>Journal of the American Chemical Society</i> , 2006, 128, 7460-7462.	13.7	72
18	Synthetic carbohydrate-based antitumor vaccines: challenges and opportunities. <i>Expert Review of Vaccines</i> , 2005, 4, 677-685.	4.4	71

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19	Synthetic carbohydrate-based anticancer vaccines: the Memorial Sloan-Kettering experience. <i>Expert Review of Vaccines</i> , 2009, 8, 1399-1413.	4.4	63
20	Dual-Target Binding Ligands with Modulated Pharmacokinetics for Endoradiotherapy of Prostate Cancer. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1442-1449.	5.0	61
21	Whole Cell Screen for Inhibitors of pH Homeostasis in <i>Mycobacterium tuberculosis</i> . <i>PLoS ONE</i> , 2013, 8, e68942.	2.5	60
22	Synthesis of the fucosylated biantennary N-glycan of erythropoietin. <i>Tetrahedron Letters</i> , 2006, 47, 5577-5579.	1.4	54
23	Beta cyclodextrins bind, stabilize, and remove lipofuscin bisretinoids from retinal pigment epithelium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E1402-8.	7.1	52
24	Pharmacokinetic and <i>In Vivo</i> Efficacy Studies of the Mycobactin Biosynthesis Inhibitor Salicyl-AMS in Mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 5138-5140.	3.2	47
25	Oxathiazolones Selectively Inhibit the Human Immunoproteasome over the Constitutive Proteasome. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 405-410.	2.8	42
26	Rapid, Semiquantitative Assay To Discriminate among Compounds with Activity against Replicating or Nonreplicating <i>Mycobacterium tuberculosis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 6521-6538.	3.2	36
27	A highly convergent synthesis of an N-linked glycopeptide presenting the H-type 2 human blood group determinant. <i>Tetrahedron</i> , 2006, 62, 4954-4978.	1.9	35
28	Synthetic Glycopeptide-Based Vaccines. , 2006, , 109-141.		31
29	Tetrathiomolybdate (TM)-associated copper depletion influences collagen remodeling and immune response in the pre-metastatic niche of breast cancer. <i>Npj Breast Cancer</i> , 2021, 7, 108.	5.2	30
30	A route to cyclic peptides and glycopeptides by native chemical ligation using in situ derived thioesters. <i>Tetrahedron Letters</i> , 2006, 47, 1969-1972.	1.4	28
31	Reiterative cysteine-based coupling leading to complex, homogeneous glycopeptides. <i>Tetrahedron Letters</i> , 2006, 47, 5219-5223.	1.4	26
32	Cooperation between a Coenzyme A-Independent Stand-Alone Initiation Module and an Iterative Type I Polyketide Synthase during Synthesis of Mycobacterial Phenolic Glycolipids. <i>Journal of the American Chemical Society</i> , 2009, 131, 16744-16750.	13.7	23
33	Triazaspirodimethoxybenzoyls as Selective Inhibitors of Mycobacterial Lipoamide Dehydrogenase,. <i>Biochemistry</i> , 2010, 49, 1616-1627.	2.5	23
34	On the chemical mechanism of succinic semialdehyde dehydrogenase (GabD1) from <i>Mycobacterium tuberculosis</i> . <i>Archives of Biochemistry and Biophysics</i> , 2011, 509, 90-99.	3.0	23
35	Identification of a Mycothiol-Dependent Nitroreductase from <i>Mycobacterium tuberculosis</i> . <i>ACS Infectious Diseases</i> , 2018, 4, 771-787.	3.8	19
36	Discovery and biological characterization of 1-(1H-indol-3-yl)-9H-pyrido[3,4-b]indole as an aryl hydrocarbon receptor activator generated by photoactivation of tryptophan by sunlight. <i>Chemico-Biological Interactions</i> , 2011, 193, 119-128.	4.0	18

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37	Biosynthesis of Cell Envelope-Associated Phenolic Glycolipids in <i>Mycobacterium marinum</i> . <i>Journal of Bacteriology</i> , 2015, 197, 1040-1050.	2.2	18
38	[18F]RPS-544: A PET tracer for imaging the chemokine receptor CXCR4. <i>Nuclear Medicine and Biology</i> , 2018, 60, 37-44.	0.6	13
39	Structure-Activity Relationships of Noncovalent Immunoproteasome $\hat{2}5i$ -Selective Dipeptides. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 13103-13123.	6.4	10
40	[18F]Fluoroethyltriazolyl Monocyclam Derivatives as Imaging Probes for the Chemokine Receptor CXCR4. <i>Molecules</i> , 2019, 24, 1612.	3.8	8
41	Identification of a nucleoside analog active against adenosine kinase-expressing plasma cell malignancies. <i>Journal of Clinical Investigation</i> , 2017, 127, 2066-2080.	8.2	7
42	Synthetic Carbohydrate-Based Antitumor Vaccines. <i>ACS Symposium Series</i> , 2008, , 258-292.	0.5	4
43	Alkylphenol inverse agonists of HCN1 gating: H-bond propensity, ring saturation and adduct geometry differentially determine efficacy and potency. <i>Biochemical Pharmacology</i> , 2019, 163, 493-508.	4.4	4
44	PROTACs: Promising Approaches for Epigenetic Strategies to Overcome Drug Resistance. <i>Current Cancer Drug Targets</i> , 2021, 21, 306-325.	1.6	4
45	Altering the tumor microenvironment: A phase II study of copper depletion using tetrathiomolybdate (TM) in patients (pts) with breast cancer (BC) at high risk for recurrence.. <i>Journal of Clinical Oncology</i> , 2015, 33, 11008-11008.	1.6	3
46	Got milk? A case series of an amatoxin-exposed family, including a breastfeeding mother and infant. <i>Clinical Toxicology</i> , 2020, 58, 148-149.	1.9	2
47	SELECTIVE TARGETING OF CYTOCHROME C-CARDIOLIPIN COMPLEX TO PROTECT MITOCHONDRIAL CRISTAE AND INHIBIT APOPTOSIS. <i>FASEB Journal</i> , 2013, 27, 1011.12.	0.5	1
48	Abstract 4496: Genomics-based resistome analysis revealed endogenous adenosine kinase levels as a chief determinant of specificity for a novel nucleoside analog lymphoma inhibitor. , 2015, , .		0
49	Abstract 1074: A novel synthetic biotinylated microRNA-1207-3p duplex targets the 3'UTR of FNDC1 and inhibits proliferation and migration of prostate cancer cells. , 2016, , .		0
50	Abstract LB-349: Copper depletion as a strategy to affect the tumor microenvironment in breast cancer patients at high risk of relapse and in triple negative preclinical models of breast cancer: Updated results of a phase II study of tetrathiomolybdate (TM) in breast cancer (BC) patients (pts) at high risk for recurrence. , 2016, , .		0