

Essa M Saied

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,319
citations

279487

23
h-index

377514

34
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52
all docs

52
docs citations

52
times ranked

1405
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural insights into adiponectin receptors suggest ceramidase activity. <i>Nature</i> , 2017, 544, 120-123.	13.7	168
2	The Catalytic Activity of Biosynthesized Magnesium Oxide Nanoparticles (MgO-NPs) for Inhibiting the Growth of Pathogenic Microbes, Tanning Effluent Treatment, and Chromium Ion Removal. <i>Catalysts</i> , 2021, 11, 821.	1.6	88
3	Cyanobacteria—From the Oceans to the Potential Biotechnological and Biomedical Applications. <i>Marine Drugs</i> , 2021, 19, 241.	2.2	66
4	Subunit composition of the mammalian serine-palmitoyltransferase defines the spectrum of straight and methyl-branched long-chain bases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 15591-15598.	3.3	55
5	New Mononuclear and Binuclear Cu(II), Co(II), Ni(II), and Zn(II) Thiosemicarbazone Complexes with Potential Biological Activity: Antimicrobial and Molecular Docking Study. <i>Molecules</i> , 2021, 26, 2288.	1.7	54
6	Novel Papaverine Metal Complexes with Potential Anticancer Activities. <i>Molecules</i> , 2020, 25, 5447.	1.7	51
7	Cytotoxic 1-deoxysphingolipids are metabolized by a cytochrome P450-dependent pathway. <i>Journal of Lipid Research</i> , 2017, 58, 60-71.	2.0	45
8	Acrylamide-induced peripheral neuropathy: manifestations, mechanisms, and potential treatment modalities. <i>Environmental Science and Pollution Research</i> , 2021, 28, 13031-13046.	2.7	43
9	Elucidating the chemical structure of native 1-deoxysphingosine. <i>Journal of Lipid Research</i> , 2016, 57, 1194-1203.	2.0	42
10	A Comprehensive Review about the Molecular Structure of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2): Insights into Natural Products against COVID-19. <i>Pharmaceutics</i> , 2021, 13, 1759.	2.0	42
11	Structure of a human intramembrane ceramidase explains enzymatic dysfunction found in leukodystrophy. <i>Nature Communications</i> , 2018, 9, 5437.	5.8	40
12	Developmental toxicity of carbon nanoparticles during embryogenesis in chicken. <i>Environmental Science and Pollution Research</i> , 2020, 27, 19058-19072.	2.7	38
13	The Activity of the Neutral Sphingomyelinase Is Important in T Cell Recruitment and Directional Migration. <i>Frontiers in Immunology</i> , 2017, 8, 1007.	2.2	35
14	Improved Plaque Assay Identifies a Novel Anti-Chlamydia Ceramide Derivative with Altered Intracellular Localization. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 5537-5546.	1.4	34
15	A series of ceramide analogs modified at the 1-position with potent activity against the intracellular growth of <i>Chlamydia trachomatis</i> . <i>Future Medicinal Chemistry</i> , 2015, 7, 1971-1980.	1.1	34
16	Vitamin D3 Prevents the Deleterious Effects of Testicular Torsion on Testis by Targeting miRNA-145 and ADAM17: In Silico and In Vivo Study. <i>Pharmaceutics</i> , 2021, 14, 1222.	1.7	33
17	Inhibitors of Ceramidases. <i>Chemistry and Physics of Lipids</i> , 2016, 197, 60-68.	1.5	32
18	Differential-Mobility Spectrometry of 1-Deoxysphingosine Isomers: New Insights into the Gas Phase Structures of Ionized Lipids. <i>Analytical Chemistry</i> , 2018, 90, 5343-5351.	3.2	31

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19	The cellular ceramide transport protein CERT promotes <i>Chlamydia psittaci</i> infection and controls bacterial sphingolipid uptake. <i>Cellular Microbiology</i> , 2017, 19, e12752.	1.1	30
20	Spectroscopic and Thermal Studies of Mn(II), Fe(III), Cr(III) and Zn(II) Complexes Derived from the Ligand Resulted by the Reaction Between 4-Acetyl Pyridine and Thiosemicarbazide. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2009, 19, 521.	1.9	29
21	Small Molecule Inhibitors of Ceramidases. <i>Cellular Physiology and Biochemistry</i> , 2014, 34, 197-212.	1.1	26
22	Facile Synthesis of the CERT Inhibitor HPA-12 and Some Novel Derivatives. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2092-2094.	1.7	26
23	Novel N-bridged pyrazole-1-carbothioamides with potential antiproliferative activity: design, synthesis, <i>in vitro</i> and <i>in silico</i> studies. <i>Future Medicinal Chemistry</i> , 2021, 13, 1743-1766.	1.1	26
24	Liposomal FRET Assay Identifies Potent Drug-Like Inhibitors of the Ceramide Transport Protein (CERT). <i>Chemistry - A European Journal</i> , 2020, 26, 16616-16621.	1.7	25
25	Elemental labelling and mass spectrometry for the specific detection of sulfenic acid groups in model peptides: a proof of concept. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 2015-2027.	1.9	24
26	Acetylsalicylic Acid Suppresses Alcoholism-Induced Cognitive Impairment Associated with Atorvastatin Intake by Targeting Cerebral miRNA155 and NLRP3: In Vivo, and In Silico Study. <i>Pharmaceutics</i> , 2022, 14, 529.	2.0	24
27	Resolving Sphingolipid Isomers Using Cryogenic Infrared Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13638-13642.	7.2	22
28	Neutral sphingomyelinase mediates the co-morbidity trias of alcohol abuse, major depression and bone defects. <i>Molecular Psychiatry</i> , 2021, 26, 7403-7416.	4.1	20
29	Discovery and Mechanism of Action of Small Molecule Inhibitors of Ceramidases**. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	19
30	FRET probes for measuring sphingolipid metabolizing enzyme activity. <i>Chemistry and Physics of Lipids</i> , 2018, 216, 152-161.	1.5	18
31	Hepatoprotective Role of Carvedilol against Ischemic Hepatitis Associated with Acute Heart Failure via Targeting miRNA-17 and Mitochondrial Dynamics-Related Proteins: An In Vivo and In Silico Study. <i>Pharmaceutics</i> , 2022, 15, 832.	1.7	16
32	Synthesis and characterization of some atypical sphingoid bases. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 4047-4057.	1.4	15
33	Stereoselective Synthesis of Novel Sphingoid Bases Utilized for Exploring the Secrets of Sphinx. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8171.	1.8	12
34	Tsc3 regulates SPT amino acid choice in <i>Saccharomyces cerevisiae</i> by promoting alanine in the sphingolipid pathway. <i>Journal of Lipid Research</i> , 2018, 59, 2126-2139.	2.0	11
35	Identification of Small-Molecule Inhibitors of Neutral Ceramidase (nCDase) via Target-Based High-Throughput Screening. <i>SLAS Discovery</i> , 2021, 26, 113-121.	1.4	9
36	Adult alcohol drinking and emotional tone are mediated by neutral sphingomyelinase during development in males. <i>Cerebral Cortex</i> , 2023, 33, 844-864.	1.6	9

#	ARTICLE	IF	CITATIONS
37	1-deoxysphingolipids bind to COUP-TF to modulate lymphatic and cardiac cell development. <i>Developmental Cell</i> , 2021, 56, 3128-3145.e15.	3.1	6
38	Canonical and 1-Deoxy(methyl) Sphingoid Bases: Tackling the Effect of the Lipid Structure on Membrane Biophysical Properties. <i>Langmuir</i> , 2020, 36, 6007-6016.	1.6	5
39	The long chain base unsaturation has a stronger impact on 1-deoxy(methyl)-sphingolipids biophysical properties than the structure of its C1 functional group. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183628.	1.4	4
40	Discovery and mechanism of action of small molecule inhibitors of ceramidases. <i>Angewandte Chemie</i> , 2020, 132, 13226-13226.	1.6	3
41	Unterscheidung von isomeren Sphingolipiden mittels kryogener Infrarotspektroskopie. <i>Angewandte Chemie</i> , 2020, 132, 13740-13744.	1.6	1
42	Innentitelbild: Unterscheidung von isomeren Sphingolipiden mittels kryogener Infrarotspektroskopie (Angew. Chem. 32/2020). <i>Angewandte Chemie</i> , 2020, 132, 13226-13226.	1.6	0