Jingjing Duan

List of Publications by Year in descending order

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41	2,985	186209	289141
papers	citations	28 h-index	40 g-index

44	44	44	5273
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biomimetic FeMo(Se, Te) as Joint Electron Pool Promoting Nitrogen Electrofixation. Angewandte Chemie, 2022, 134, .	1.6	3
2	Biomimetic FeMo(Se, Te) as Joint Electron Pool Promoting Nitrogen Electrofixation. Angewandte Chemie - International Edition, 2022, 61, .	7.2	29
3	Cryo-EM structure of mouse TRPML2 in lipid nanodiscs. Journal of Biological Chemistry, 2022, 298, 101487.	1.6	3
4	Accumulation of Fatty Acylated Fusarium Toxin 2-Amino-14,16-dimethyloctadecan-3-ol, a Class of Novel 1-Deoxysphingolipid Analogues, during Food Storage. Journal of Agricultural and Food Chemistry, 2022, 70, 5151-5158.	2.4	0
5	A shape-memory V₃O₇·H₂O electrocatalyst for foldable N₂ fixation. Journal of Materials Chemistry A, 2021, 9, 1603-1609.	5.2	16
6	Crystal structure of SARS-CoV-2 main protease in complex with the natural product inhibitor shikonin illuminates a unique binding mode. Science Bulletin, 2021, 66, 661-663.	4.3	41
7	Structure of SARS-CoV-2 main protease in the apo state. Science China Life Sciences, 2021, 64, 656-659.	2.3	15
8	A zero-dimensional nickel, ironâ€“metalâ€“organic framework (MOF) for synergistic N₂electrofixation. Journal of Materials Chemistry A, 2020, 8, 18810-18815.	5.2	52
9	Two-Dimensional Nanomesh Arrays as Bifunctional Catalysts for N₂ Electrolysis. ACS Catalysis, 2020, 10, 11371-11379.	5.5	55
10	Iron-Cluster-Directed Synthesis of 2D/2D Feâ€“Nâ€“C/MXene Superlattice-like Heterostructure with Enhanced Oxygen Reduction Electrocatalysis. ACS Nano, 2020, 14, 2436-2444.	7.3	130
11	Cryo-EM structure of TRPC5 at 2.8-Ã... resolution reveals unique and conserved structural elements essential for channel function. Science Advances, 2019, 5, eaaw7935.	4.7	69
12	Analysis of 1-Deoxysphingoid Bases and Their N-Acyl Metabolites and Exploration of Their Occurrence in Some Food Materials. Journal of Agricultural and Food Chemistry, 2019, 67, 12953-12961.	2.4	11
13	Developmentally regulated KCC2 phosphorylation is essential for dynamic GABA-mediated inhibition and survival. Science Signaling, 2019, 12, .	1.6	55
14	Impaired regulation of KCC2 phosphorylation leads to neuronal network dysfunction and neurodevelopmental pathology. Science Signaling, 2019, 12, .	1.6	66
15	Analysis of Chemical Structures of Glucosylceramides from Rice and Other Foodstuffs. Journal of Nutritional Science and Vitaminology, 2019, 65, S228-S230.	0.2	7
16	Control of CD1d-restricted antigen presentation and inflammation by sphingomyelin. Nature Immunology, 2019, 20, 1644-1655.	7.0	35
17	Structure of full-length human TRPM4. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2377-2382.	3.3	77
18	Polycystin-2 is an essential ion channel subunit in the primary cilium of the renal collecting duct epithelium. ELife, 2018, 7, .	2.8	125

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19	Structure of the mouse TRPC4 ion channel. Nature Communications, 2018, 9, 3102.	5.8	101
20	Structure of the mammalian TRPM7, a magnesium channel required during embryonic development. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8201-E8210.	3.3	101
21	Oxidative stress elicited by modifying the ceramide acyl chain length reduces the rate of clathrin-mediated endocytosis. Journal of Cell Science, 2017, 130, 1486-1493.	1.2	15
22	Functional genomics reveals that tumors with activating phosphoinositide 3-kinase mutations are dependent on accelerated protein turnover. Genes and Development, 2016, 30, 2684-2695.	2.7	11
23	The KCC2 Cotransporter and Human Epilepsy. Neuroscientist, 2016, 22, 555-562.	2.6	56
24	Identification of Modifier Genes in a Mouse Model of Gaucher Disease. Cell Reports, 2016, 16, 2546-2553.	2.9	52
25	Dietary Cerebroside from Sea Cucumber (Stichopus japonicus): Absorption and Effects on Skin Barrier and Cecal Short-Chain Fatty Acids. Journal of Agricultural and Food Chemistry, 2016, 64, 7014-7021.	2.4	21
26	Inhibition of the kinase WNK1/HSN2 ameliorates neuropathic pain by restoring GABA inhibition. Science Signaling, 2016, 9, ra32.	1.6	43
27	Heteroatom-Doped Graphene-Based Materials for Energy-Relevant Electrocatalytic Processes. ACS Catalysis, 2015, 5, 5207-5234.	5.5	800
28	WNK1-regulated inhibitory phosphorylation of the KCC2 cotransporter maintains the depolarizing action of GABA in immature neurons. Science Signaling, 2015, 8, ra65.	1.6	133
29	1-Deoxysphingolipids Encountered Exogenously and Made de Novo: Dangerous Mysteries inside an Enigma. Journal of Biological Chemistry, 2015, 290, 15380-15389.	1.6	74
30	Biomarkers of NAFLD progression: a lipidomics approach to an epidemic. Journal of Lipid Research, 2015, 56, 722-736.	2.0	264
31	Biophysical Properties of Novel 1-Deoxy-(Dihydro)ceramides Occurring in Mammalian Cells. Biophysical Journal, 2014, 107, 2850-2859.	0.2	42
32	Neuronal accumulation of glucosylceramide in a mouse model of neuronopathic Gaucher disease leads to neurodegeneration. Human Molecular Genetics, 2014, 23, 843-854.	1.4	123
33	Ongoing studies of novel 1â€deoxyâ€sphinglipids in food. FASEB Journal, 2013, 27, 636.11.	0.2	1
34	Effect of Dietary Porphyran from the Red Alga, Porphyra yezoensis, on Glucose Metabolism in Diabetic KK-Ay Mice. Journal of Nutritional Science and Vitaminology, 2012, 58, 14-19.	0.2	40
35	Dietary sphingolipids improve skin barrier functions via the upregulation of ceramide synthases in the epidermis. Experimental Dermatology, 2012, 21, 448-452.	1.4	69
36	Analysis and Comparison of Glucocerebroside Species from Three Edible Sea Cucumbers Using Liquid Chromatographyâ€“Ion Trapâ€“Time-of-Flight Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2011, 59, 12246-12253.	2.4	35

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37	Oral Glucosylceramide Reduces 2,4â€Dinitrofluorobenzene Induced Inflammatory Response in Mice by Reducing TNFâ€Alpha Levels and Leukocyte Infiltration. Lipids, 2011, 46, 505-512.	0.7	31
38	Rapid Quantitative Analysis of Sphingolipids in Seafood Using HPLC with Evaporative Light-Scattering Detection: Its Application in Tissue Distribution of Sphingolipids in Fish. Journal of Oleo Science, 2010, 59, 509-513.	0.6	21
39	Analysis of Glucosylceramides from Various Sources by Liquid Chromatography-Ion Trap Mass Spectrometry. Journal of Oleo Science, 2010, 59, 387-394.	0.6	59
40	Identification of Glucosylceramides Containing Sphingatrienine in Maize and Rice Using Ion Trap Mass Spectrometry. Lipids, 2010, 45, 451-455.	0.7	33
41	Intestinal absorption of dietary maize glucosylceramide in lymphatic duct cannulated rats. Journal of Lipid Research, 2010, 51, 1761-1769.	2.0	61