

J C S Ho

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

663
citations

471509

17
h-index

610901

24
g-index

39
all docs

39
docs citations

39
times ranked

982
citing authors

#	ARTICLE	IF	CITATIONS
1	Pulsatile Lipid Vesicles under Osmotic Stress. <i>Biophysical Journal</i> , 2017, 112, 1682-1691.	0.5	68
2	Mixing Water, Transducing Energy, and Shaping Membranes: Autonomously Self-Regulating Giant Vesicles. <i>Langmuir</i> , 2016, 32, 2151-2163.	3.5	57
3	Nanoplasmonic Sensing from the Human Vision Perspective. <i>Analytical Chemistry</i> , 2018, 90, 4916-4924.	6.5	43
4	HAMLET – A protein-lipid complex with broad tumoricidal activity. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 454-458.	2.1	35
5	Informed Molecular Design of Conjugated Oligoelectrolytes To Increase Cell Affinity and Antimicrobial Activity. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8069-8072.	13.8	32
6	Effects of pharmacological preconditioning with U50488H on calcium homeostasis in rat ventricular myocytes subjected to metabolic inhibition and anoxia. <i>British Journal of Pharmacology</i> , 2002, 137, 739-748.	5.4	30
7	The Novel Small Leucine-rich Protein Chondroadherin-like (CHADL) Is Expressed in Cartilage and Modulates Chondrocyte Differentiation. <i>Journal of Biological Chemistry</i> , 2015, 290, 918-925.	3.4	30
8	The Molecular Motor F-ATP Synthase Is Targeted by the Tumoricidal Protein HAMLET. <i>Journal of Molecular Biology</i> , 2015, 427, 1866-1874.	4.2	29
9	A Chain-Extended Oligophenylenevinylene Electrolyte Increases Microbial Membrane Stability. <i>Advanced Materials</i> , 2019, 31, e1808021.	21.0	29
10	A Unifying Mechanism for Cancer Cell Death through Ion Channel Activation by HAMLET. <i>PLoS ONE</i> , 2013, 8, e58578.	2.5	28
11	Low Resolution Solution Structure of HAMLET and the Importance of Its Alpha-Domains in Tumoricidal Activity. <i>PLoS ONE</i> , 2012, 7, e53051.	2.5	25
12	Protein receptor-independent plasma membrane remodeling by HAMLET: a tumoricidal protein-lipid complex. <i>Scientific Reports</i> , 2015, 5, 16432.	3.3	23
13	HAMLET: functional properties and therapeutic potential. <i>Future Oncology</i> , 2012, 8, 1301-1313.	2.4	22
14	Targeting of nucleotide-binding proteins by HAMLET – a conserved tumor cell death mechanism. <i>Oncogene</i> , 2016, 35, 897-907.	5.9	21
15	Lipids as Tumoricidal Components of Human α -Lactalbumin Made Lethal to Tumor Cells (HAMLET). <i>Journal of Biological Chemistry</i> , 2013, 288, 17460-17471.	3.4	19
16	Response of microbial membranes to butanol: interdigitation vs. disorder. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 11903-11915.	2.8	19
17	Urinary Tract Infection Molecular Mechanisms and Clinical Translation. <i>Pathogens</i> , 2016, 5, 24.	2.8	17
18	Synthetic (polymer) biology (membrane): functionalization of polymer scaffolds for membrane proteins. <i>Current Opinion in Biotechnology</i> , 2017, 46, 51-56.	6.6	17

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19	Gram Typing Using Conjugated Oligoelectrolytes. <i>Advanced Functional Materials</i> , 2020, 30, 2004068.	14.9	17
20	Bladder cancer therapy using a conformationally fluid tumoricidal peptide complex. <i>Nature Communications</i> , 2021, 12, 3427.	12.8	14
21	Facile Mixing of Phospholipids Promotes Self-Assembly of Low-Molecular-Weight Biodegradable Block Co-Polymers into Functional Vesicular Architectures. <i>Polymers</i> , 2020, 12, 979.	4.5	13
22	Acute Cellular Rejection and Infection Rates in Alemtuzumab vs Traditional Induction Therapy Agents for Lung and Heart Transplantation: A Systematic Review and Meta-analysis. <i>Transplantation Proceedings</i> , 2018, 50, 3723-3731.	0.6	10
23	Protein-dependent Membrane Interaction of A Partially Disordered Protein Complex with Oleic Acid: Implications for Cancer Lipidomics. <i>Scientific Reports</i> , 2016, 6, 35015.	3.3	9
24	Brownian Dynamics of Electrostatically Adhering Small Vesicles to a Membrane Surface Induces Domains and Probes Viscosity. <i>Langmuir</i> , 2016, 32, 5445-5450.	3.5	8
25	Informed Molecular Design of Conjugated Oligoelectrolytes To Increase Cell Affinity and Antimicrobial Activity. <i>Angewandte Chemie</i> , 2018, 130, 8201-8204.	2.0	8
26	Beta-sheet-specific interactions with heat shock proteins define a mechanism of delayed tumor cell death in response to HAMLET. <i>Journal of Molecular Biology</i> , 2019, 431, 2612-2627.	4.2	7
27	Cationic Liposomes Enable Shape Control in Surfactant-Free Synthesis of Biocompatible Gold Nanorods. <i>Chemistry of Materials</i> , 2021, 33, 4558-4567.	6.7	5
28	Nonequilibrium Self-Organization of Lipids into Hierarchically Ordered and Compositionally Graded Cylindrical Smectics. <i>Langmuir</i> , 2022, 38, 1045-1056.	3.5	5
29	Surfactant-Mediated Solubilization of Myelin Figures: A Multistep Morphological Cascade. <i>Langmuir</i> , 2022, 38, 8805-8816.	3.5	5
30	Minimal Reconstitution of Membranous Web Induced by a Vesicle Peptide Sol Gel Transition. <i>Biomacromolecules</i> , 2019, 20, 1709-1718.	5.4	4
31	Peptide Oleate Complexes Create Novel Membrane-Bound Compartments. <i>Molecular Biology and Evolution</i> , 2020, 37, 3083-3093.	8.9	4
32	A scientific journey from discovery to validation of efficacy in cancer patients: HAMLET and alpha1-oleate. <i>Molecular and Cellular Oncology</i> , 2021, 8, 1974278.	0.7	2
33	Lipid bilayer composition as a determinant of cancer cell sensitivity to tumoricidal protein-lipid complexes. <i>BioFactors</i> , 2022, , .	5.4	1
34	Amphiphilic Membrane Environments Regulate Enzymatic Behaviors of <i>Salmonella</i> Outer Membrane Protease. <i>ACS Bio & Med Chem Au</i> , 2022, 2, 73-83.	3.7	1
35	Volume and Surface Area Dynamics of Giant Unilamellar Vesicles. <i>Biophysical Journal</i> , 2018, 114, 391a.	0.5	0
36	Conjugated Oligoelectrolytes: A Chain-Extended Oligophenylenevinylene Electrolyte Increases Microbial Membrane Stability (<i>Adv. Mater.</i> 18/2019). <i>Advanced Materials</i> , 2019, 31, 1970133.	21.0	0

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37	Gram Typing: Gram Typing Using Conjugated Oligoelectrolytes (Adv. Funct. Mater. 42/2020). Advanced Functional Materials, 2020, 30, 2070281.	14.9	0