

Miho Watanabe-Takahashi

List of Publications by Year in descending order

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14
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docs citations

14
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197
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of a peptide motif that potently inhibits two functionally distinct subunits of Shiga toxin. <i>Communications Biology</i> , 2021, 4, 538.	4.4	7
2	A nontoxic form of Shiga toxin 2 suppresses the production of amyloid β^2 by altering the intracellular transport of amyloid precursor protein through its receptor-binding B-subunit. <i>Biochemical and Biophysical Research Communications</i> , 2021, 557, 247-253.	2.1	3
3	The inducible amphisome isolates viral hemagglutinin and defends against influenza A virus infection. <i>Nature Communications</i> , 2020, 11, 162.	12.8	12
4	Pleckstrin homology domain of p210 $\text{BCR} \leftrightarrow \text{ABL}$ interacts with cardiolipin to regulate its mitochondrial translocation and subsequent mitophagy. <i>Genes To Cells</i> , 2018, 23, 22-34.	1.2	9
5	Synthetic construction of sugar-amino acid hybrid polymers involving globotriaose or lactose and evaluation of their biological activities against Shiga toxins produced by <i>Escherichia coli</i> O157:H7. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 5792-5803.	3.0	5
6	Acquired Resistance to Shiga Toxin-Induced Apoptosis by Loss of CD77 Expression in Human Myelogenous Leukemia Cell Line, THP-1. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 1475-1479.	1.4	0
7	Exosome-associated Shiga toxin 2 is released from cells and causes severe toxicity in mice. <i>Scientific Reports</i> , 2018, 8, 10776.	3.3	10
8	$\text{M} \leftrightarrow \text{COPA}$, a novel Golgi system disruptor, suppresses apoptosis induced by Shiga toxin. <i>Genes To Cells</i> , 2016, 21, 901-906.	1.2	8
9	Affinity-Based Screening of Tetravalent Peptides Identifies Subtype-Selective Neutralizers of Shiga Toxin 2d, a Highly Virulent Subtype, by Targeting a Unique Amino Acid Involved in Its Receptor Recognition. <i>Infection and Immunity</i> , 2016, 84, 2653-2661.	2.2	7
10	Development of a Novel Tetravalent Synthetic Peptide That Binds to Phosphatidic Acid. <i>PLoS ONE</i> , 2015, 10, e0131668.	2.5	6
11	Proteasome inhibitors prevent cell death and prolong survival of mice challenged by Shiga toxin. <i>FEBS Open Bio</i> , 2015, 5, 605-614.	2.3	9
12	Identification of a Wide Range of Motifs Inhibitory to Shiga Toxin by Affinity-Driven Screening of Customized Divalent Peptides Synthesized on a Membrane. <i>Applied and Environmental Microbiology</i> , 2015, 81, 1092-1100.	3.1	8
13	Identification of a Peptide-Based Neutralizer That Potently Inhibits Both Shiga Toxins 1 and 2 by Targeting Specific Receptor-Binding Regions. <i>Infection and Immunity</i> , 2013, 81, 2133-2138.	2.2	23
14	An Orally Applicable Shiga Toxin Neutralizer Functions in the Intestine To Inhibit the Intracellular Transport of the Toxin. <i>Infection and Immunity</i> , 2010, 78, 177-183.	2.2	36