

Xinjie Lu

List of Publications by Year in descending order

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25
papers

473
citations

687363

13
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677142

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25
all docs

25
docs citations

25
times ranked

553
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional structure of the RGD-containing neurotoxin homologue dendroaspin. <i>Nature Structural Biology</i> , 1994, 1, 802-807.	9.7	47
2	Impact of Matrix Metalloproteinases on Atherosclerosis. <i>Current Drug Targets</i> , 2014, 15, 442-453.	2.1	45
3	Three-dimensional structure of the RGD-containing snake toxin albolabrin in solution, based on ¹ H NMR spectroscopy and simulated annealing calculations. <i>International Journal of Peptide and Protein Research</i> , 1996, 48, 220-228.	0.1	43
4	Immunization with a combination of ApoB and HSP60 epitopes significantly reduces early atherosclerotic lesion in Apobtm2SgyLdlrtm1Her/J mice. <i>Atherosclerosis</i> , 2010, 212, 472-480.	0.8	40
5	ADAM Proteins- Therapeutic Potential in Cancer. <i>Current Cancer Drug Targets</i> , 2008, 8, 720-732.	1.6	37
6	Substitutions of Proline 42 to Alanine and Methionine 46 to Asparagine around the RGD Domain of the Neurotoxin Dendroaspin Alter Its Preferential Antagonism to That Resembling the Disintegrin ELEGANTIN. <i>Journal of Biological Chemistry</i> , 1996, 271, 289-294.	3.4	36
7	Dendroaspin: A potent integrin receptor inhibitor from the venoms of <i>Dendroaspis viridis</i> and <i>D. jamesonii</i> . <i>Biochemical Society Transactions</i> , 1993, 21, 73S-73S.	3.4	30
8	Mucosal Tolerance to a Combination of ApoB and HSP60 Peptides Controls Plaque Progression and Stabilizes Vulnerable Plaque in Apobtm2SgyLdlrtm1Her/J Mice. <i>PLoS ONE</i> , 2013, 8, e58364.	2.5	27
9	Impact of multiple antigenic epitopes from ApoB100, hHSP60 and <i>Chlamydomyces pneumoniae</i> on atherosclerotic lesion development in Apobtm2SgyLdlrtm1Her J mice. <i>Atherosclerosis</i> , 2012, 225, 56-68.	0.8	20
10	Oral dosing with multi-antigenic construct induces atheroprotective immune tolerance to individual peptides in mice. <i>International Journal of Cardiology</i> , 2014, 175, 340-351.	1.7	17
11	Evaluation of the role of proline residues flanking the RGD motif of dendroaspin, an inhibitor of platelet aggregation and cell adhesion. <i>Biochemical Journal</i> , 2001, 355, 633-638.	3.7	16
12	Immunization With a Combination of 2 Peptides Derived From the C5a Receptor Significantly Reduces Early Atherosclerotic Lesion in <i>Ldlr</i> ^{tm1Her} <i>Apob</i> ^{tm2Sgy} Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 2358-2371.	2.4	16
13	The Effect of the Single Substitution of Arginine within the RGD Tripeptide Motif of a Modified Neurotoxin Dendroaspin on Its Activity of Platelet Aggregation and Cell Adhesion. <i>Cell Communication and Adhesion</i> , 2006, 13, 171-183.	1.0	14
14	¹ H-NMR studies and secondary structure of the RGD-containing snake toxin, albolabrin. <i>FEBS Journal</i> , 1993, 218, 853-860.	0.2	13
15	¹ H-NMR Assignments and Secondary Structure of Dendroaspin, an RGD-Containing Glycoprotein IIb-IIIa (alphaIIb-beta3) Antagonist with a Neurotoxin Fold. <i>FEBS Journal</i> , 1994, 226, 861-868.	0.2	13
16	ADAM-15 Disintegrin-Like Domain Structure and Function. <i>Toxins</i> , 2010, 2, 2411-2427.	3.4	12
17	Immune regulation by oral tolerance induces alternate activation of macrophages and reduces markers of plaque destabilization in Apobtm2Sgy/Ldlrtm1Her/J mice. <i>Scientific Reports</i> , 2017, 7, 3997.	3.3	12
18	Arg-Tyr-Asp (RYD) and Arg-Cys-Asp (RCD) motifs in dendroaspin promote selective inhibition of $\alpha_2\beta_1$ and $\alpha_2\beta_3$ integrins. <i>Biochemical Journal</i> , 2001, 356, 11.	3.7	8

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19	Regulating Inflammatory Immune Response to Atherogenic Antigens Prevents Development and Progression of Atherosclerosis in New Zealand White Rabbits. <i>Canadian Journal of Cardiology</i> , 2016, 32, 1008.e1-1008.e10.	1.7	6
20	Activation of inflammatory cells and cytokines by peptide epitopes in vitro: a simple in-vitro screening assay for prioritizing them for in-vivo studies. <i>Inflammation Research</i> , 2013, 62, 471-481.	4.0	5
21	Modulation of Recombinant Antigenic Constructs Containing Multi-Epitopes towards Effective Reduction of Atherosclerotic Lesion in B6;129S-Ldlrtm1HerApobtm2Sgy/J Mice. <i>PLoS ONE</i> , 2015, 10, e0123393.	2.5	4
22	Oral administration of recombinant <i>Mycobacterium smegmatis</i> expressing a tripeptide construct derived from endogenous and microbial antigens prevents atherosclerosis in ApoE ^{-/-} mice. <i>Cardiovascular Therapeutics</i> , 2016, 34, 314-324.	2.5	4
23	Immunization of <i>Chlamydia pneumoniae</i> (Cpn)-Infected Apobtm2SgyLdlrtm1Her/J Mice with a Combined Peptide of Cpn Significantly Reduces Atherosclerotic Lesion Development. <i>PLoS ONE</i> , 2013, 8, e81056.	2.5	4
24	Comparison of Oral Tolerance to ApoB and HSP60 Peptides in Preventing Atherosclerosis Lesion Formation in Apob48 ^{-/-} /Ldlr ^{-/-} Mice. <i>Journal of Vaccines</i> , 2013, 2013, 1-13.	0.6	2
25	Long-Term Efficacy and Safety of Immunomodulatory Therapy for Atherosclerosis. <i>Cardiovascular Drugs and Therapy</i> , 2019, 33, 385-398.	2.6	2