

Miroslav Malesevic

List of Publications by Year in descending order

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43
papers

1,230
citations

361413

20
h-index

377865

34
g-index

47
all docs

47
docs citations

47
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Human coronavirus NL63 replication is cyclophilin A-dependent and inhibited by non-immunosuppressive cyclosporine A-derivatives including Alisporivir. <i>Virus Research</i> , 2014, 184, 44-53.	2.2	122
2	Extracellular Cyclophilin A Activates Platelets Via EMMPRIN (CD147) and PI3K/Akt Signaling, Which Promotes Platelet Adhesion and Thrombus Formation In Vitro and In Vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 655-663.	2.4	79
3	An improved method for the solution cyclization of peptides under pseudo-high dilution conditions. <i>Journal of Biotechnology</i> , 2004, 112, 73-77.	3.8	78
4	Molecular basis of β -amyloid oligomer recognition with a conformational antibody fragment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 12503-12508.	7.1	76
5	Influences of cyclosporin A and non-immunosuppressive derivatives on cellular cyclophilins and viral nucleocapsid protein during human coronavirus 229E replication. <i>Antiviral Research</i> , 2020, 173, 104620.	4.1	70
6	Inhibition of human ether a go-go potassium channels by Ca^{2+} /calmodulin binding to the cytosolic N- and C-termini. <i>FEBS Journal</i> , 2006, 273, 1074-1086.	4.7	68
7	Crystal Structure and Functional Analysis of the Protein Disulfide Isomerase-Related Protein ERp29. <i>Journal of Molecular Biology</i> , 2009, 385, 1630-1642.	4.2	60
8	Anti-inflammatory Effects of Extracellular Cyclosporins Are Exclusively Mediated by CD147. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 7302-7311.	6.4	54
9	A Cell-Impermeable Cyclosporine A Derivative Reduces Pathology in a Mouse Model of Allergic Lung Inflammation. <i>Journal of Immunology</i> , 2010, 185, 7663-7670.	0.8	53
10	A Cyclosporin Derivative Discriminates between Extracellular and Intracellular Cyclophilins. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 213-215.	13.8	43
11	Cyclophilin-Facilitated Membrane Translocation as Pharmacological Target to Prevent Intoxication of Mammalian Cells by Binary Clostridial Actin ADP-Ribosylated Toxins. <i>Journal of Molecular Biology</i> , 2015, 427, 1224-1238.	4.2	42
12	Targeting Extracellular Cyclophilin A Reduces Neuroinflammation and Extends Survival in a Mouse Model of Amyotrophic Lateral Sclerosis. <i>Journal of Neuroscience</i> , 2017, 37, 1413-1427.	3.6	42
13	Secreted Cyclophilin A, a Peptidylprolyl cis-trans Isomerase, Mediates Matrix Assembly of Hensin, a Protein Implicated in Epithelial Differentiation. <i>Journal of Biological Chemistry</i> , 2009, 284, 6465-6475.	3.4	38
14	The Novel Extracellular Cyclophilin A (CyPA) - Inhibitor MM284 Reduces Myocardial Inflammation and Remodeling in a Mouse Model of Troponin I -Induced Myocarditis. <i>PLoS ONE</i> , 2015, 10, e0124606.	2.5	37
15	Integrin $\alpha_5\beta_1$ Ligands: Biological Evaluation and Conformational Analysis. <i>ChemBioChem</i> , 2005, 6, 272-276.	2.6	33
16	A Novel Calmodulin- Ca^{2+} Target Recognition Activates the Bcl-2 Regulator FKBP38. <i>Journal of Biological Chemistry</i> , 2007, 282, 36496-36504.	3.4	30
17	A Fluorescence-Based Array Screen for Transglutaminase Substrates. <i>ChemBioChem</i> , 2015, 16, 1169-1174.	2.6	30
18	Negatively Charged Phospholipids Trigger the Interaction of a Bacterial Tat Substrate Precursor Protein with Lipid Monolayers. <i>Langmuir</i> , 2012, 28, 3534-3541.	3.5	23

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19	Pharmacological Cyclophilin Inhibitors Prevent Intoxication of Mammalian Cells with Bordetella pertussis Toxin. <i>Toxins</i> , 2018, 10, 181.	3.4	22
20	Fine Tuning the Inhibition Profile of Cyclosporine A by Derivatization of the MeBmt Residue. <i>ChemBioChem</i> , 2013, 14, 63-65.	2.6	21
21	Synthesis of Some Furyl- and Thienylacrylates or Diacrylates and Acrylic Acids by the Palladium Catalysed Vinylation of Substituted Bromofurans and Bromothiophenes. <i>Heterocycles</i> , 1994, 38, 759.	0.7	20
22	Spectroscopic Detection of Pseudo-Turns in Homodetic Cyclic Penta- and Hexapeptides Comprising β -Homoproline. <i>International Journal of Peptide Research and Therapeutics</i> , 2006, 12, 165-177.	1.9	17
23	The FKBP38 Catalytic Domain Binds to Bcl-2 via a Charge-sensitive Loop. <i>Journal of Biological Chemistry</i> , 2012, 287, 19665-19673.	3.4	17
24	Targeting Extracellular Cyclophilins Ameliorates Disease Progression in Experimental Biliary Atresia. <i>Molecular Medicine</i> , 2015, 21, 657-664.	4.4	16
25	Secondary structure inducing potential of β -amino acids: Torsion angle clustering facilitates comparison and analysis of the conformation during MD trajectories. <i>Biopolymers</i> , 2007, 88, 829-839.	2.4	15
26	Effects of cyclosporine A and its immunosuppressive or non-immunosuppressive derivatives [D-Ser]8-CsA and Cs9 on mitochondria from different brain regions. <i>Mitochondrion</i> , 2011, 11, 421-429.	3.4	14
27	The Architecture of Protein-Ligand Binding Sites Revealed through Template-Assisted Intramolecular Peptide-Peptide Interactions. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1408-1412.	13.8	11
28	The Protein-Free IANUS Peptide Array Uncovers Interaction Sites between Escherichia coli Parvulin 10 and Alkyl Hydroperoxide Reductase. <i>Biochemistry</i> , 2010, 49, 8626-8635.	2.5	11
29	Cyclophilin A/EMMPRIN Axis Is Involved in Pro-Fibrotic Processes Associated with Thoracic Aortic Aneurysm of Marfan Syndrome Patients. <i>Cells</i> , 2020, 9, 154.	4.1	11
30	Oxygen glucose deprivation causes mitochondrial dysfunction in cultivated rat hippocampal slices: Protective effects of CsA, its immunosuppressive congener [D-Ser]8CsA, the novel non-immunosuppressive cyclosporin derivative Cs9, and the NMDA receptor antagonist MK 801. <i>Mitochondrion</i> , 2013, 13, 539-547.	3.4	9
31	Inhibition of Extracellular Cyclophilins with Cyclosporine Analog and Development of Atherosclerosis in Apolipoprotein E-deficient Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 353, 490-495.	2.5	9
32	Identification of low abundance cyclophilins in human plasma. <i>Proteomics</i> , 2016, 16, 2815-2826.	2.2	8
33	Inhibition of A β (1-40) fibril formation by cyclophilins. <i>Biochemical Journal</i> , 2016, 473, 1355-1368.	3.7	8
34	Secreted Extracellular Cyclophilin A Is a Novel Mediator of Ventilator-induced Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 421-430.	5.6	8
35	Design of Cyclic Peptides Featuring Proline Predominantly in the <i>cis</i> Conformation under Physiological Conditions. <i>ChemBioChem</i> , 2012, 13, 2122-2127.	2.6	7
36	Conformational Consequences of Regio- and Stereoselective Disulfide Bridge Oxidation in a Cyclic Peptide. <i>ChemBioChem</i> , 2008, 9, 46-49.	2.6	4

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37	Synthesis and biochemical evaluation of two novel <i>N</i> -hydroxyalkylated cyclosporin A analogs. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 4338-4349.	2.8	4
38	Cyclophilin A inhibition as potential treatment of human aortic valve calcification. <i>Pharmacological Research</i> , 2020, 158, 104888.	7.1	3
39	2,8-Dihydroxy-1,3,7,9-tetramethyl-6,12-dihydrodipyrido[1,2-a:1',2'-d]pyrazinediylum dichloride dihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000, 56, 1144-1145.	0.4	2
40	Integrin $\alpha 5 \beta 1$: a new purification strategy based on immobilized peptides. <i>Chemical Biology and Drug Design</i> , 2008, 66, 22-29.	1.1	2
41	Identification of prolyl oligopeptidase as a cyclosporine-sensitive protease by screening of mouse liver extracts. <i>Biological Chemistry</i> , 2013, 394, 1057-1067.	2.5	1
42	Screening for Selective Protein Inhibitors by Using the IANUS Peptide Array. <i>ChemBioChem</i> , 2018, 19, 789-792.	2.6	1
43	Regulation of the Minichromosome Maintenance Protein 3 (MCM3) Chromatin Binding by the Prolyl Isomerase Pin1. <i>Journal of Molecular Biology</i> , 2018, 430, 5169-5181.	4.2	1