Robert Bucki

List of Publications by Year
in descending order

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144	4,916	71102	118850
papers	citations	41 h-index	62 g-index

146	146	146	6466
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Extracellular Vimentin as a Target Against SARSâ€CoVâ€2 Host Cell Invasion. Small, 2022, 18, e2105640.	10.0	41
2	Biocompatible Materials in Otorhinolaryngology and Their Antibacterial Properties. International Journal of Molecular Sciences, 2022, 23, 2575.	4.1	20
3	N-Acetyl-Cysteine Increases Activity of Peanut-Shaped Gold Nanoparticles Against Biofilms Formed by Clinical Strains of Pseudomonas aeruginosa Isolated from Sputum of Cystic Fibrosis Patients. Infection and Drug Resistance, 2022, Volume 15, 851-871.	2.7	4
4	Ceragenin CSA-44 as a Means to Control the Formation of the Biofilm on the Surface of Tooth and Composite Fillings. Pathogens, 2022, 11, 491.	2.8	6
5	Cathelicidin LL-37 in Health and Diseases of the Oral Cavity. Biomedicines, 2022, 10, 1086.	3.2	17
6	Bactericidal Activity of Ceragenin in Combination with Ceftazidime, Levofloxacin, Co-Trimoxazole, and Colistin against the Opportunistic Pathogen Stenotrophomonas maltophilia. Pathogens, 2022, 11, 621.	2.8	10
7	Pseudomonas aeruginosa Infections in Cancer Patients. Pathogens, 2022, 11, 679.	2.8	16
8	Unique Role of Vimentin Networks in Compression Stiffening of Cells and Protection of Nuclei from Compressive Stress. Nano Letters, 2022, 22, 4725-4732.	9.1	21
9	Human Vimentin Layers on Solid Substrates: Adsorption Kinetics and Corona Formation Investigations. Biomacromolecules, 2022, 23, 3308-3317.	5.4	4
10	Mechanical Properties of the Extracellular Environment of Human Brain Cells Drive the Effectiveness of Drugs in Fighting Central Nervous System Cancers. Brain Sciences, 2022, 12, 927.	2.3	1
11	Sphingosine-1-Phosphate-Triggered Expression of Cathelicidin LL-37 Promotes the Growth of Human Bladder Cancer Cells. International Journal of Molecular Sciences, 2022, 23, 7443.	4.1	1
12	Polymerized ionic l<scp>iquidsâ€based</scp> hydrogels with intrinsic antibacterial activity: Modern weapons against a<scp>ntibioticâ€resistant</scp> infections. Journal of Applied Polymer Science, 2021, 138, 50222.	2.6	15
13	Potential colonization of provox voice prosthesis by Candida spp. with no sign of failure for approximately 10 years exploitation time. Acta Oto-Laryngologica Case Reports, 2021, 6, 60-66.	0.2	1
14	Hypogelsolinemia and Decrease in Blood Plasma Sphingosine-1-Phosphate in Patients Diagnosed with Severe Acute Pancreatitis. Digestive Diseases and Sciences, 2021, , 1.	2.3	3
15	ROS-Mediated Apoptosis and Autophagy in Ovarian Cancer Cells Treated with Peanut-Shaped Gold Nanoparticles. International Journal of Nanomedicine, 2021, Volume 16, 1993-2011.	6.7	40
16	Bactericidal Properties of Rod-, Peanut-, and Star-Shaped Gold Nanoparticles Coated with Ceragenin CSA-131 against Multidrug-Resistant Bacterial Strains. Pharmaceutics, 2021, 13, 425.	4.5	25
17	Nanomechanical Hallmarks of Helicobacter pylori Infection in Pediatric Patients. International Journal of Molecular Sciences, 2021, 22, 5624.	4.1	7
18	Tumor stiffening reversion through collagen crosslinking inhibition improves T cell migration and anti-PD-1 treatment. ELife, 2021, 10, .	6.0	127

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19	Varied-shaped gold nanoparticles with nanogram killing efficiency as potential antimicrobial surface coatings for the medical devices. Scientific Reports, 2021, 11, 12546.	3.3	61
20	Inhomogeneity of stiffness and density of the extracellular matrix within the leukoplakia of human oral mucosa as potential physicochemical factors leading to carcinogenesis. Translational Oncology, 2021, 14, 101105.	3.7	7
21	Assessment of Ceragenins in Prevention of Damage to Voice Prostheses Caused by Candida Biofilm Formation. Pathogens, 2021, 10, 1371.	2.8	5
22	Peanut-Shaped Gold Nanoparticles with Shells of Ceragenin CSA-131 Display the Ability to Inhibit Ovarian Cancer Growth In Vitro and in a Tumor Xenograft Model. Cancers, 2021, 13, 5424.	3.7	5
23	Ceragenin-Coated Non-Spherical Gold Nanoparticles as Novel Candidacidal Agents. Pharmaceutics, 2021, 13, 1940.	4.5	5
24	Targeting bacteria causing otitis media using nanosystems containing nonspherical gold nanoparticles and ceragenins. Nanomedicine, 2021, 16, 2657-2678.	3.3	4
25	Targeting the Gut Microbiota to Relieve the Symptoms of Irritable Bowel Syndrome. Pathogens, 2021, 10, 1545.	2.8	3
26	New Î²-Lactam Antibiotics and Ceragenins â€“ A Study to Assess Their Potential in Treatment of Infections Caused by Multidrug-Resistant Strains of Pseudomonas aeruginosa. Infection and Drug Resistance, 2021, Volume 14, 5681-5698.	2.7	11
27	Nanoantibiotics containing membrane-active human cathelicidin LL-37 or synthetic ceragenins attached to the surface of magnetic nanoparticles as novel and innovative therapeutic tools: current status and potential future applications. Journal of Nanobiotechnology, 2020, 18, 3.	9.1	40
28	Expression and Function of Host Defense Peptides at Inflammation Sites. International Journal of Molecular Sciences, 2020, 21, 104.	4.1	66
29	Biofilm Growth Causes Damage to Silicone Voice Prostheses in Patients after Surgical Treatment of Locally Advanced Laryngeal Cancer. Pathogens, 2020, 9, 793.	2.8	7
30	NDM-1 Carbapenemase-Producing Enterobacteriaceae are Highly Susceptible to Ceragenins CSA-13, CSA-44, and CSA-131 . Infection and Drug Resistance, 2020, Volume 13, 3277-3294.	2.7	17
31	Two Lineages of Pseudomonas aeruginosa Filamentous Phages: Structural Uniformity over Integration Preferences. Genome Biology and Evolution, 2020, 12, 1765-1781.	2.5	22
32	Physics Comes to the Aid of Medicineâ€"Clinically-Relevant Microorganisms through the Eyes of Atomic Force Microscope. Pathogens, 2020, 9, 969.	2.8	2
33	Antimicrobial properties of mucin-based saliva substitute containing xylitol. , 2020, , .		0
34	The influence of pH and temperature on stability of artificial saliva based on porcine gastric mucin. , 2020, , .		0
35	Rod-shaped gold nanoparticles exert potent candidacidal activity and decrease the adhesion of fungal cells. Nanomedicine, 2020, 15, 2733-2752.	3.3	13
36	Tissue Rheology as a Possible Complementary Procedure to Advance Histological Diagnosis of Colon Cancer. ACS Biomaterials Science and Engineering, 2020, 6, 5620-5631.	5.2	43

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37	Bacteria Residing at Root Canals Can Induce Cell Proliferation and Alter the Mechanical Properties of Gingival and Cancer Cells. International Journal of Molecular Sciences, 2020, 21, 7914.	4.1	12
38	Nanomechanics and Histopathology as Diagnostic Tools to Characterize Freshly Removed Human Brain Tumors . International Journal of Nanomedicine, 2020, Volume 15, 7509-7521.	6.7	14
39	Antimicrobial and Physicochemical Properties of Artificial Saliva Formulations Supplemented with Core-Shell Magnetic Nanoparticles. International Journal of Molecular Sciences, 2020, 21, 1979.	4.1	11
40	Quantification of Synergistic Effects of Ceragenin CSA-131 Combined with Iron Oxide Magnetic Nanoparticles Against Cancer Cells . International Journal of Nanomedicine, 2020, Volume 15, 4573-4589.	6.7	13
41	Recombinant Human Plasma Gelsolin Stimulates Phagocytosis while Diminishing Excessive Inflammatory Responses in Mice with Pseudomonas aeruginosa Sepsis. International Journal of Molecular Sciences, 2020, 21, 2551.	4.1	10
42	A multiscale biophysical model for the recruitment of actin nucleating proteins at the membrane interface. Soft Matter, 2020, 16, 4941-4954.	2.7	7
43	Lysozyme increases bactericidal activity of ceragenin CSA-13 against Bacillus subtilis. Studia Medyczne, 2019, 35, 1-9.	0.1	3
44	Susceptibility of microbial cells to the modified PIP2-binding sequence of gelsolin anchored on the surface of magnetic nanoparticles. Journal of Nanobiotechnology, 2019, 17, 81.	9.1	19
45	Artificial Saliva: Challenges and Future Perspectives for the Treatment of Xerostomia. International Journal of Molecular Sciences, 2019, 20, 3199.	4.1	63
46	Early central vs. peripheral immunological and neurobiological effects of fingolimodâ€”a longitudinal study. Journal of Molecular Medicine, 2019, 97, 1263-1271.	3.9	8
47	Loss of Vimentin Enhances Cell Motility through Small Confining Spaces. Small, 2019, 15, e1903180.	10.0	59
48	Lateral distribution of phosphatidylinositol 4,5-bisphosphate in membranes regulates formin- and ARP2/3-mediated actin nucleation. Journal of Biological Chemistry, 2019, 294, 4704-4722.	3.4	22
49	PhSeZnCl in the Synthesis of Steroidal Î²-Hydroxy-Phenylselenides Having Antibacterial Activity. International Journal of Molecular Sciences, 2019, 20, 2121.	4.1	14
50	Use of ceragenins as a potential treatment for urinary tract infections. BMC Infectious Diseases, 2019, 19, 369.	2.9	33
51	Inhibition of inflammatory response in human keratinocytes by magnetic nanoparticles functionalized with PBP10 peptide derived from the PIP2-binding site of human plasma gelsolin. Journal of Nanobiotechnology, 2019, 17, 22.	9.1	25
52	Defective Sphingolipids Metabolism and Tumor Associated Macrophages as the Possible Links Between Gaucher Disease and Blood Cancer Development. International Journal of Molecular Sciences, 2019, 20, 843.	4.1	26
53	The Influence of Mucin-Based Artificial Saliva on Properties of Polycaprolactone and Polylactide. Polymers, 2019, 11, 1880.	4.5	22
54	Decreased Activity of Blood Acid Sphingomyelinase in the Course of Multiple Myeloma. International Journal of Molecular Sciences, 2019, 20, 6048.	4.1	5

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55	Carbamohydrazonothioate-based polymer-magnetic nanohybrids: Fabrication, characterization and bactericidal properties. Arabian Journal of Chemistry, 2019, 12, 5187-5199.	4.9	5
56	Hypogelsolinemia in Patients Diagnosed with Acute Myeloid Leukemia at Initial Stage of Sepsis. Medical Science Monitor, 2019, 25, 1452-1458.	1.1	8
57	Toxicity of parasites and their unconventional use in medicine. Annals of Agricultural and Environmental Medicine, 2019, 26, 523-531.	1.0	2
58	Plasma Gelsolin: Indicator of Inflammation and Its Potential as a Diagnostic Tool and Therapeutic Target. International Journal of Molecular Sciences, 2018, 19, 2516.	4.1	99
59	Bactericidal and immunomodulatory properties of magnetic nanoparticles functionalized by 1,4-dihydropyridines. International Journal of Nanomedicine, 2018, Volume 13, 3411-3424.	6.7	17
60	The Role of Oral Cavity Biofilm on Metallic Biomaterial Surface Destructionâ€“Corrosion and Friction Aspects. International Journal of Molecular Sciences, 2018, 19, 743.	4.1	59
61	Ceragenin CSA-13 as free molecules and attached to magnetic nanoparticle surfaces induce caspase-dependent apoptosis in human breast cancer cells via disruption of cell oxidative balance. Oncotarget, 2018, 9, 21904-21920.	1.8	18
62	Targeting polyelectrolyte networks in purulent body fluids to modulate bactericidal properties of some antibiotics. Infection and Drug Resistance, 2018, Volume 11, 77-86.	2.7	9
63	Regulation of actin assembly by PI(4,5)P2 and other inositol phospholipids: An update on possible mechanisms. Biochemical and Biophysical Research Communications, 2018, 506, 307-314.	2.1	82
64	Regulation of Cationic Antimicrobial Peptides Expression in the Digestive Tract. , 2018, , 1-20.		1
65	Pathophysiological implications of actin-free Gc-globulin concentration changes in blood plasma and cerebrospinal fluid collected from patients with Alzheimerâ€™s disease and other neurological disorders. Advances in Clinical and Experimental Medicine, 2018, 27, 1075-1080.	1.4	6
66	The synthesis and antifungal activity of (20 S)-3Î²-acetoxy-5Î±-pregnane-20,16Î²-carbolactone against fluconazole â€“ Resistant Candida cells. Steroids, 2017, 118, 55-60.	1.8	4
67	Sporicidal activity of ceragenin CSA-13 against Bacillus subtilis. Scientific Reports, 2017, 7, 44452.	3.3	27
68	Soft Substrates Containing Hyaluronan Mimic the Effects of Increased Stiffness on Morphology, Motility, and Proliferation of Glioma Cells. Biomacromolecules, 2017, 18, 3040-3051.	5.4	70
69	Enhancing the fungicidal activity of antibiotics: are magnetic nanoparticles the key?. Nanomedicine, 2017, 12, 1747-1749.	3.3	12
70	Assessment of aliphatic poly(ester-carbonate-urea-urethane)s potential as materials for biomedical application. Journal of Polymer Research, 2017, 24, 1.	2.4	12
71	The search for new sporicidal agents for medical use: where are we?. Future Microbiology, 2017, 12, 735-737.	2.0	1
72	Development of antifungal therapies using nanomaterials. Nanomedicine, 2017, 12, 1891-1905.	3.3	38

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73	Formulation and candidacidal activity of magnetic nanoparticles coated with cathelicidin LL-37 and ceragenin CSA-13. Scientific Reports, 2017, 7, 4610.	3.3	64
74	Stiffening of bacteria cells as a first manifestation of bactericidal attack. Micron, 2017, 101, 95-102.	2.2	11
75	Unexpected profile of sphingolipid contents in blood and bone marrow plasma collected from patients diagnosed with acute myeloid leukemia. Lipids in Health and Disease, 2017, 16, 235.	3.0	19
76	Neutrophil extracellular traps as the main source of eDNA. Studia Medyczne, 2017, 2, 137-145.	0.1	3
77	Use of magnetic nanoparticles as a drug delivery system to improve chlorhexidine antimicrobial activity. International Journal of Nanomedicine, 2017, Volume 12, 7833-7846.	6.7	48
78	Sphingosine-1-Phosphate Metabolism and Its Role in the Development of Inflammatory Bowel Disease. International Journal of Molecular Sciences, 2017, 18, 741.	4.1	29
79	Anaerobic bacteria growth in the presence of cathelicidin LL-37 and selected ceragenins delivered as magnetic nanoparticles cargo. BMC Microbiology, 2017, 17, 167.	3.3	25
80	Pharmacokinetics and Anticancer Activity of Folic Acid-Functionalized Magnetic Nanoparticles. Journal of Biomedical Nanotechnology, 2017, 13, 665-677.	1.1	10
81	Polymeric nanoparticles â€“ a novel solution for delivery of antimicrobial agents. Studia Medyczne, 2016, 1, 56-62.	0.1	26
82	Core–shell magnetic nanoparticles display synergistic antibacterial effects against Pseudomonas aeruginosa and Staphylococcus aureus when combined with cathelicidin LL-37 or selected ceragenins. International Journal of Nanomedicine, 2016, Volume 11, 5443-5455.	6.7	63
83	Utility of blood procalcitonin concentration in the management of cancer patients with infections. OncoTargets and Therapy, 2016, 9, 469.	2.0	20
84	Cholesterol-Dependent Phase-Demixing in Lipid Bilayers as a Switch for the Activity of the Phosphoinositide-Binding Cytoskeletal Protein Gelsolin. Biochemistry, 2016, 55, 3361-3369.	2.5	15
85	Extracellular aggregation of polyelectrolytes escaped from the cell interior: Mechanisms and physiological consequences. Current Opinion in Colloid and Interface Science, 2016, 26, 84-89.	7.4	6
86	Magnetic nanoparticles as a drug delivery system that enhance fungicidal activity of polyene antibiotics. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 2395-2404.	3.3	61
87	Recent insights in nanotechnology-based drugs and formulations designed for effective anti-cancer therapy. Journal of Nanobiotechnology, 2016, 14, 39.	9.1	123
88	The Role of Cathelicidin LL-37 in Cancer Development. Archivum Immunologiae Et Therapiae Experimentalis, 2016, 64, 33-46.	2.3	81
89	Candidacidal Activity of Selected Ceragenins and Human Cathelicidin LL-37 in Experimental Settings Mimicking Infection Sites. PLoS ONE, 2016, 11, e0157242.	2.5	59
90	Bactericidal activity and biocompatibility of ceragenin-coated magnetic nanoparticles. Journal of Nanobiotechnology, 2015, 13, 32.	9.1	75

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91	Extracellular DNA as an essential component and therapeutic target of microbial biofilm. Studia Medyczne, 2015, 2, 132-138.	0.1	14
92	Magnetic nanoparticles enhance the anticancer activity of cathelicidin LL-37 peptide against colon cancer cells. International Journal of Nanomedicine, 2015, 10, 3843.	6.7	60
93	Synthesis and structureâ€“activity relationships of novel cationic lipids with anti-inflammatory and antimicrobial activities. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2837-2843.	2.2	4
94	Application of multiplexing technology to the analysis of the intrathecally released immunoglobulins against B. burgdorferi antigens in neuroborreliosis. Immunology Letters, 2015, 168, 58-63.	2.5	2
95	Growth arrest and rapid capture of select pathogens following magnetic nanoparticle treatment. Colloids and Surfaces B: Biointerfaces, 2015, 131, 29-38.	5.0	29
96	Bactericidal Activities of Cathelicidin LL-37 and Select Cationic Lipids against the Hypervirulent Pseudomonas aeruginosa Strain LESB58. Antimicrobial Agents and Chemotherapy, 2015, 59, 3808-3815.	3.2	42
97	Polyelectrolyte-mediated increase of biofilm mass formation. BMC Microbiology, 2015, 15, 117.	3.3	17
98	Bactericidal Activity of Ceragenin CSA-13 in Cell Culture and in an Animal Model of Peritoneal Infection. Antimicrobial Agents and Chemotherapy, 2015, 59, 6274-6282.	3.2	48
99	Enhancement of Pulmozyme activity in purulent sputum by combination with poly-aspartic acid or gelsolin. Journal of Cystic Fibrosis, 2015, 14, 587-593.	0.7	18
100	Ceragenins â€“ aÂnew weapon to fight multidrug resistant bacterial infections. Studia Medyczne, 2014, 3, 207-213.	0.1	21
101	Gold-functionalized magnetic nanoparticles restrict growth of Pseudomonas aeruginosa. International Journal of Nanomedicine, 2014, 9, 2217.	6.7	38
102	Increased levels of sphingosine-1-phosphate in cerebrospinal fluid of patients diagnosed with tick-borne encephalitis. Journal of Neuroinflammation, 2014, 11, 193.	7.2	18
103	Compression stiffening of brain and its effect on mechanosensing by glioma cells. New Journal of Physics, 2014, 16, 075002.	2.9	148
104	Augmentation of integrin-mediated mechanotransduction by hyaluronic acid. Biomaterials, 2014, 35, 71-82.	11.4	97
105	Antibacterial activity of the human host defence peptide LL-37 and selected synthetic cationic lipids against bacteria associated with oral and upper respiratory tract infections. Journal of Antimicrobial Chemotherapy, 2013, 68, 610-618.	3.0	66
106	Salmon and Human Thrombin Differentially Regulate Radicular Pain, Glial-Induced Inflammation and Spinal Neuronal Excitability through Protease-Activated Receptor-1. PLoS ONE, 2013, 8, e80006.	2.5	12
107	CHANGE IN BLOOD GELSOLIN CONCENTRATION IN RESPONSE TO PHYSICAL EXERCISE. Biology of Sport, 2013, 30, 169-172.	3.2	5
108	Therapeutic potential of plasma gelsolin administration in a rat model of sepsis. Cytokine, 2011, 54, 235-238.	3.2	35

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109	Cathelicidin LL-37 Increases Lung Epithelial Cell Stiffness, Decreases Transepithelial Permeability, and Prevents Epithelial Invasion by Pseudomonas aeruginosa. Journal of Immunology, 2011, 187, 6402-6409.	0.8	51
110	Depletion of Plasma Gelsolin in Patients with Tick-Borne Encephalitis and Lyme Neuroborreliosis. Neurodegenerative Diseases, 2011, 8, 375-380.	1.4	13
111	Real-time attack on single Escherichia coli cells by the human antimicrobial peptide LL-37. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E77-81.	7.1	233
112	Cathelicidin LL-37 peptide regulates endothelial cell stiffness and endothelial barrier permeability. American Journal of Physiology - Cell Physiology, 2011, 300, C105-C112.	4.6	37
113	Cathelicidin LL-37: A Multitask Antimicrobial Peptide. Archivum Immunologiae Et Therapiae Experimentalis, 2010, 58, 15-25.	2.3	170
114	Hypogelsolinemia, a disorder of the extracellular actin scavenger system, in patients with multiple sclerosis. BMC Neurology, 2010, 10, 107.	1.8	34
115	Modulation of exogenous antibiotic activity by host cathelicidin LLâ€37. Apmis, 2010, 118, 830-836.	2.0	16
116	Novel Cationic Lipids with Enhanced Gene Delivery and Antimicrobial Activity. Molecular Pharmacology, 2010, 78, 402-410.	2.3	14
117	Combined Antibacterial and Anti-Inflammatory Activity of a Cationic Disubstituted Dexamethasone-Spermine Conjugate. Antimicrobial Agents and Chemotherapy, 2010, 54, 2525-2533.	3.2	21
118	Plasma gelsolin modulates cellular response to sphingosine 1-phosphate. American Journal of Physiology - Cell Physiology, 2010, 299, C1516-C1523.	4.6	48
119	Intrathecal increase of sphingosine 1-phosphate at early stage multiple sclerosis. Neuroscience Letters, 2010, 477, 149-152.	2.1	65
120	Phosphoinositides and Actin Cytoskeletal Rearrangement. , 2010, , 1141-1150.		1
121	Bactericidal activities of the cationic steroid CSA-13 and the cathelicidin peptide LL-37 against Helicobacter pylori in simulated gastric juice. BMC Microbiology, 2009, 9, 187.	3.3	42
122	Delayed loss of control of plasma lipopolysaccharide levels after therapy interruption in chronically HIV-1-infected patients. Aids, 2009, 23, 369-375.	2.2	44
123	Ceragenins: Cholic Acid-Based Mimics of Antimicrobial Peptides. Accounts of Chemical Research, 2008, 41, 1233-1240.	15.6	182
124	Salivary mucins inhibit antibacterial activity of the cathelicidin-derived LL-37 peptide but not the cationic steroid CSA-13. Journal of Antimicrobial Chemotherapy, 2008, 62, 329-335.	3.0	62
125	Resistance of the antibacterial agent ceragenin CSA-13 to inactivation by DNA or F-actin and its activity in cystic fibrosis sputum. Journal of Antimicrobial Chemotherapy, 2008, 61, 762-762.	3.0	0
126	Extracellular Gelsolin Binds Lipoteichoic Acid and Modulates Cellular Response to Proinflammatory Bacterial Wall Components. Journal of Immunology, 2008, 181, 4936-4944.	0.8	72

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127	Plasma Gelsolin: Function, Prognostic Value, and Potential Therapeutic Use. Current Protein and Peptide Science, 2008, 9, 541-551.	1.4	88
128	Resistance of the antibacterial agent ceragenin CSA-13 to inactivation by DNA or F-actin and its activity in cystic fibrosis sputum. Journal of Antimicrobial Chemotherapy, 2007, 60, 535-545.	3.0	68
129	Oral Health Status and Oral Hygiene Practices of Patients with Peptic Ulcer and How These Affect Helicobacter pylori Eradication from the Stomach. Helicobacter, 2007, 12, 63-7.	3.5	23
130	Involvement of the Na+/H+ exchanger in membrane phosphatidylserine exposure during human platelet activation. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2006, 1761, 195-204.	2.4	20
131	Bacterial endotoxin as inhibitor of the enzymatic activity of human thrombin. European Journal of Haematology, 2006, 76, 510-515.	2.2	8
132	Interaction of the Gelsolin-Derived Antibacterial PBP 10 Peptide with Lipid Bilayers and Cell Membranes. Antimicrobial Agents and Chemotherapy, 2006, 50, 2932-2940.	3.2	49
133	Anionic poly(amino acid)s dissolve F-actin and DNA bundles, enhance DNase activity, and reduce the viscosity of cystic fibrosis sputum. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 289, L599-L605.	2.9	45
134	Flavonoid-mediated inhibition of actin polymerization in cold-activated platelets. Platelets, 2005, 16, 362-367.	2.3	6
135	Inactivation of Endotoxin by Human Plasma Gelsolin. Biochemistry, 2005, 44, 9590-9597.	2.5	94
136	Antibacterial Activities of Rhodamine B-Conjugated Gelsolin-Derived Peptides Compared to Those of the Antimicrobial Peptides Cathelicidin LL37, Magainin II, and Melittin. Antimicrobial Agents and Chemotherapy, 2004, 48, 1526-1533.	3.2	83
137	The Antimicrobial Activity of the Cathelicidin LL37 Is Inhibited by F-actin Bundles and Restored by Gelsolin. American Journal of Respiratory Cell and Molecular Biology, 2003, 28, 738-745.	2.9	115
138	Phosphoinositides and Actin Cytoskeletal Rearrangement. , 2003, , 209-215.		0
139	Purification of salmon thrombin and its potential as an alternative to mammalian thrombins in fibrin sealants. Thrombosis Research, 2002, 107, 245-254.	1.7	33
140	Involvement of Phosphatidylinositol 4,5-Bisphosphate in Phosphatidylserine Exposure in Platelets:â€‰ Use of a Permeant Phosphoinositide-Binding Peptide. Biochemistry, 2001, 40, 15752-15761.	2.5	37
141	Cell Permeant Polyphosphoinositide-binding Peptides That Block Cell Motility and Actin Assembly. Journal of Biological Chemistry, 2001, 276, 43390-43399.	3.4	99
142	Phosphatidylinositol 4,5-Bisphosphate Domain Inducers Promote Phospholipid Transverse Redistribution in Biological Membranesâ€. Biochemistry, 2000, 39, 5838-5844.	2.5	27
143	Calcium Induces Phospholipid Redistribution and Microvesicle Release in Human Erythrocyte Membranes by Independent Pathways. Biochemistry, 1998, 37, 15383-15391.	2.5	75
144	The plasma borne free fatty acids rapidly enter the hepatocellular nuclei. Life Sciences, 1996, 59, 2209-2215.	4.3	4