Mario De Rosa

List of Publications by Year
in descending order

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188	8,178	53794	64796
papers	citations	45 h-index	79 g-index

191	191	191	7882
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hyaluronan-based hydrogels via ether-crosslinking: Is HA molecular weight an effective means to tune gel performance?. International Journal of Biological Macromolecules, 2020, 144, 94-101.	7.5	14
2	Gaining insight on mitigation of rubeosis iridis by UPARANT in a mouse model associated with proliferative retinopathy. Journal of Molecular Medicine, 2020, 98, 1629-1638.	3.9	2
3	Highâ€performance capillary electrophoresis to determine intact keratan sulfate and hyaluronic acid in animal origin chondroitin sulfate samples and food supplements. Electrophoresis, 2020, 41, 1740-1748.	2.4	8
4	The urokinaseâ€type plasminogen activator system as drug target in retinitis pigmentosa: New preâ€clinical evidence in the rd10 mouse model. Journal of Cellular and Molecular Medicine, 2019, 23, 5176-5192.	3.6	14
5	UPARANT is an effective antiangiogenic agent in a mouse model of rubeosis iridis. Journal of Molecular Medicine, 2019, 97, 1273-1283.	3.9	5
6	Protective effect of piceatannol and bioactive stilbene derivatives against hypoxia-induced toxicity in H9c2 cardiomyocytes and structural elucidation as 5-LOX inhibitors. European Journal of Medicinal Chemistry, 2019, 180, 637-647.	5.5	27
7	Comparative Analyses of Pharmaceuticals or Food Supplements Containing Chondroitin Sulfate: Are Their Bioactivities Equivalent?. Advances in Therapy, 2019, 36, 3221-3237.	2.9	24
8	In Vitro Evaluation of Novel Hybrid Cooperative Complexes in a Wound Healing Model: A Step Toward Improved Bioreparation. International Journal of Molecular Sciences, 2019, 20, 4727.	4.1	12
9	European chondroitin sulfate and glucosamine food supplements: A systematic quality and quantity assessment compared to pharmaceuticals. Carbohydrate Polymers, 2019, 222, 114984.	10.2	44
10	Hyaluronic acid and chondroitin sulfate, alone or in combination, efficiently counteract induced bladder cell damage and inflammation. PLoS ONE, 2019, 14, e0218475.	2.5	24
11	Novel Hybrid Gels Made of High and Low Molecular Weight Hyaluronic Acid Induce Proliferation and Reduce Inflammation in an Osteoarthritis In Vitro Model Based on Human Synoviocytes and Chondrocytes. BioMed Research International, 2019, 2019, 1-13.	1.9	29
12	Hyaluronan-based hydrogels as dermal fillers: The biophysical properties that translate into a â€œvolumetricâ€•effect. PLoS ONE, 2019, 14, e0218287.	2.5	46
13	Inhibiting the urokinaseâ€type plasminogen activator receptor system recovers <scp>STZ</scp>â€induced diabetic nephropathy. Journal of Cellular and Molecular Medicine, 2019, 23, 1034-1049.	3.6	22
14	In Vitro Evaluation of Hybrid Cooperative Complexes of Hyaluronic Acid as a Potential New Ophthalmic Treatment. Journal of Ocular Pharmacology and Therapeutics, 2018, 34, 677-684.	1.4	10
15	Innovative Biocatalysts as Tools to Detect and Inactivate Nerve Agents. Scientific Reports, 2018, 8, 13773.	3.3	13
16	Structural insight into the optimization of ethyl 5-hydroxybenzo[g]indol-3-carboxylates and their bioisosteric analogues as 5-LO/m-PGES-1 dual inhibitors able to suppress inflammation. European Journal of Medicinal Chemistry, 2018, 155, 946-960.	5.5	18
17	Valorization of Olive Mill Wastewater by Membrane Processes to Recover Natural Antioxidant Compounds for Cosmeceutical and Nutraceutical Applications or Functional Foods. Antioxidants, 2018, 7, 72.	5.1	39
18	Positive Effects against UV-A Induced Damage and Oxidative Stress on an In Vitro Cell Model Using a Hyaluronic Acid Based Formulation Containing Amino Acids, Vitamins, and Minerals. BioMed Research International, 2018, 2018, 1-11.	1.9	18

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19	High yield production and purification of two recombinant thermostable phosphotriesterase-like lactonases from Sulfolobus acidocaldarius and Sulfolobus solfataricus useful as bioremediation tools and bioscavengers. BMC Biotechnology, 2018, 18, 18.	3.3	22
20	In vitro assessment of nutraceutical compounds and novel nutraceutical formulations in a liver-steatosis-based model. Lipids in Health and Disease, 2018, 17, 24.	3.0	13
21	Hybrid complexes of high and low molecular weight hyaluronan delay in vitro replicative senescence of mesenchymal stromal cells: a pilot study for future therapeutic application. Aging, 2018, 10, 1575-1585.	3.1	22
22	New insight into chondroitin and heparosan-like capsular polysaccharide synthesis by profiling of the nucleotide sugar precursors. Bioscience Reports, 2017, 37, .	2.4	33
23	Boosted large-scale production and purification of a thermostable archaeal phosphotriesterase-like lactonase for organophosphate decontamination. Journal of Industrial Microbiology and Biotechnology, 2017, 44, 363-375.	3.0	8
24	Inflammation and N-formyl peptide receptors mediate the angiogenic activity of human vitreous humour in proliferative diabetic retinopathy. Diabetologia, 2017, 60, 719-728.	6.3	33
25	Preclinical evaluation of the urokinase receptor-derived peptide UPARANT as an anti-inflammatory drug. Inflammation Research, 2017, 66, 701-709.	4.0	11
26	Hyaluronan hydrogels with a low degree of modification as scaffolds for cartilage engineering. International Journal of Biological Macromolecules, 2017, 103, 978-989.	7.5	22
27	A multi-analytical approach to better assess the keratan sulfate contamination in animal origin chondroitin sulfate. Analytica Chimica Acta, 2017, 958, 59-70.	5.4	40
28	Hybrid Complexes of High and Low Molecular Weight Hyaluronans Highly Enhance HASCs Differentiation: Implication for Facial Bioremodelling. Cellular Physiology and Biochemistry, 2017, 44, 1078-1092.	1.6	52
29	Optimization of benzoquinone and hydroquinone derivatives as potent inhibitors of human 5-lipoxygenase. European Journal of Medicinal Chemistry, 2017, 127, 715-726.	5.5	25
30	Is molecular size a discriminating factor in hyaluronan interaction with human cells?. Carbohydrate Polymers, 2017, 157, 21-30.	10.2	68
31	Diabetic Retinopathy in the Spontaneously Diabetic Torii Rat: Pathogenetic Mechanisms and Preventive Efficacy of Inhibiting the Urokinase-Type Plasminogen Activator Receptor System. Journal of Diabetes Research, 2017, 2017, 1-18.	2.3	17
32	The Urokinase Receptor-Derived Peptide UPARANT Recovers Dysfunctional Electroretinogram and Bloodâ€“Retinal Barrier Leakage in a Rat Model of Diabetes. , 2017, 58, 3138.		14
33	Molecular Mechanisms Mediating Antiangiogenic Action of the Urokinase Receptor-Derived Peptide UPARANT in Human Retinal Endothelial Cells. , 2016, 57, 5723.		19
34	The Urokinase Receptor-Derived Peptide UPARANT Mitigates Angiogenesis in a Mouse Model of Laser-Induced Choroidal Neovascularization. , 2016, 57, 2600.		23
35	Hyaluronan Hybrid Cooperative Complexes as a Novel Frontier for Cellular Bioprocesses Re-Activation. PLoS ONE, 2016, 11, e0163510.	2.5	46
36	A Semisynthetic Approach to New Immunoadjuvant Candidates: Siteâ€Selective Chemical Manipulation of Escherichia coli Monophosphoryl Lipidâ€...A. Chemistry - A European Journal, 2016, 22, 11053-11063.	3.3	12

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37	The 5-lipoxygenase inhibitor RF-22c potently suppresses leukotriene biosynthesis in cellulo and blocks bronchoconstriction and inflammation in vivo. Biochemical Pharmacology, 2016, 112, 60-71.	4.4	25
38	Optimization of hyaluronan-based eye drop formulations. Carbohydrate Polymers, 2016, 153, 275-283.	10.2	63
39	A Modular Approach to a Library of Semiâ€Synthetic Fucosylated Chondroitin Sulfate Polysaccharides with Different Sulfation and Fucosylation Patterns. Chemistry - A European Journal, 2016, 22, 18215-18226.	3.3	24
40	Biophysical and biological characterization of a new line of hyaluronan-based dermal fillers: A scientific rationale to specific clinical indications. Materials Science and Engineering C, 2016, 68, 565-572.	7.3	41
41	Biotechnological Chondroitin a Novel Glycosamminoglycan With Remarkable Biological Function on Human Primary Chondrocytes. Journal of Cellular Biochemistry, 2016, 117, 2158-2169.	2.6	50
42	Exploring the role of chloro and methyl substitutions in 2-phenylthiomethyl-benzoindole derivatives for 5-LOX enzyme inhibition. European Journal of Medicinal Chemistry, 2016, 108, 466-475.	5.5	23
43	Hyaluronan dermal fillers via crosslinking with 1,4â€butandiol diglycidyl ether: <scp>E</scp>xploitation of heterogeneous reaction conditions. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2016, 104, 9-18.	3.4	23
44	Advances in the 16Î±-hydroxy transformation of hydrocortisone by Streptomyces roseochromogenes. Process Biochemistry, 2016, 51, 1-8.	3.7	13
45	Hyaluronan viscosupplementation: state of the art and insight into the novel cooperative hybrid complexes based on high and low molecular weight HA of potential interest in osteoarthritis treatment. Clinical Cases in Mineral and Bone Metabolism, 2016, 13, 36-7.	1.0	11
46	Engineering a branch of the UDPâ€precursor biosynthesis pathway enhances the production of capsular polysaccharide in Escherichia coli O5:K4:H4. Biotechnology Journal, 2015, 10, 1307-1315.	3.5	29
47	Lactobacillus plantarum: Microfiltration experiments for the production of probiotic biomass to be used in food and nutraceutical preparations. Biotechnology Progress, 2015, 31, 325-333.	2.6	11
48	Novel series of benzoquinones with high potency against 5-lipoxygenase in human polymorphonuclear leukocytes. European Journal of Medicinal Chemistry, 2015, 94, 132-139.	5.5	36
49	Chemical Fucosylation of a Polysaccharide: A Semisynthetic Access to Fucosylated Chondroitin Sulfate. Biomacromolecules, 2015, 16, 2237-2245.	5.4	37
50	In vitro analysis of the effects on wound healing of high- and low-molecular weight chains of hyaluronan and their hybrid H-HA/L-HA complexes. BMC Cell Biology, 2015, 16, 19.	3.0	83
51	Nanoparticles for the delivery of zoledronic acid to prostate cancer cells: A comparative analysis through time lapse video-microscopy technique. Cancer Biology and Therapy, 2014, 15, 1524-1532.	3.4	14
52	Biotechnological transformation of hydrocortisone to 16Î±-hydroxy hydrocortisone by Streptomyces roseochromogenes. Applied Microbiology and Biotechnology, 2014, 98, 1291-1299.	3.6	19
53	UPARANT: A Urokinase Receptorâ€“Derived Peptide Inhibitor of VEGF-Driven Angiogenesis with Enhanced Stability and In Vitro and In Vivo Potency. Molecular Cancer Therapeutics, 2014, 13, 1092-1104.	4.1	39
54	Further studies on ethyl 5-hydroxy-indole-3-carboxylate scaffold: Design, synthesis and evaluation of 2-phenylthiomethyl-indole derivatives as efficient inhibitors of human 5-lipoxygenase. European Journal of Medicinal Chemistry, 2014, 81, 492-498.	5.5	21

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55	Structureâ€“activity relationship study of arbidol derivatives as inhibitors of chikungunya virus replication. Bioorganic and Medicinal Chemistry, 2014, 22, 6014-6025.	3.0	43
56	A combined fermentative-chemical approach for the scalable production of pure E. coli monophosphoryl lipid A. Applied Microbiology and Biotechnology, 2014, 98, 7781-7791.	3.6	8
57	Lactobacillus crispatus L1: high cell density cultivation and exopolysaccharide structure characterization to highlight potentially beneficial effects against vaginal pathogens. BMC Microbiology, 2014, 14, 137.	3.3	57
58	Cyclohexa-2,5-diene-1,4-dione-based antiproliferative agents: design, synthesis, and cytotoxic evaluation. Journal of Experimental and Clinical Cancer Research, 2013, 32, 24.	8.6	26
59	Discovery and biological evaluation of novel 1,4-benzoquinone and related resorcinol derivatives that inhibit 5-lipoxygenase. European Journal of Medicinal Chemistry, 2013, 67, 269-279.	5.5	37
60	Homologous overexpression of rfaH in E. coli K4 improves the production of chondroitin-like capsular polysaccharide. Microbial Cell Factories, 2013, 12, 46.	4.0	48
61	Monosaccharide precursors for boosting chondroitin-like capsular polysaccharide production. Applied Microbiology and Biotechnology, 2013, 97, 1699-1709.	3.6	22
62	High cell density cultivation of a recombinant E. coli strain expressing a key enzyme in bioengineered heparin production. Applied Microbiology and Biotechnology, 2013, 97, 3893-3900.	3.6	37
63	Hyaluronan scaffolds via diglycidyl ether crosslinking: Toward improvements in composition and performance. Carbohydrate Polymers, 2013, 96, 536-544.	10.2	37
64	Design of inhibitors of influenza virus membrane fusion: Synthesis, structureâ€“activity relationship and in vitro antiviral activity of a novel indole series. Antiviral Research, 2013, 99, 125-135.	4.1	39
65	A Urokinase Receptorâ€“Derived Peptide Inhibiting VEGF-Dependent Directional Migration and Vascular Sprouting. Molecular Cancer Therapeutics, 2013, 12, 1981-1993.	4.1	29
66	Properties of Newly-Synthesized Cationic Semi-Interpenetrating Hydrogels Containing Either Hyaluronan or Chondroitin Sulfate in a Methacrylic Matrix. Journal of Functional Biomaterials, 2012, 3, 225-238.	4.4	15
67	Methods for Cancer Stem Cell Detection and Isolation. Methods in Molecular Biology, 2012, 879, 513-529.	0.9	56
68	Production of glucuronic acidâ€based polysaccharides by microbial fermentation for biomedical applications. Biotechnology Journal, 2012, 7, 237-250.	3.5	31
69	Semiâ€Synthesis of Unusual Chondroitin Sulfate Polysaccharides Containing GlcA(3â€Oâ€sulfate) or GlcA(2,3â€diâ€Oâ€sulfate) Units. Chemistry - A European Journal, 2012, 18, 2123-2130.	3.3	28
70	Purification of chondroitin precursor from Escherichia coli K4 fermentation broth using membrane processing. Biotechnology Journal, 2011, 6, 410-419.	3.5	21
71	Development of nanocomposite based on hydroxyethylmethacrylate and functionalized fumed silica: mechanical, chemicoâ€“physical and biological characterization. Journal of Materials Science: Materials in Medicine, 2011, 22, 481-490.	3.6	8
72	MbCO Embedded in Trehalosyldextrin Matrices: Thermal Effects and Proteinâ€“Matrix Coupling. Food Biophysics, 2011, 6, 217-226.	3.0	7

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73	High cell density cultivation of Escherichia coli K4 in a microfiltration bioreactor: a step towards improvement of chondroitin precursor production. Microbial Cell Factories, 2011, 10, 10.	4.0	45
74	Divergence of gut permeability and mucosal immune gene expression in two gluten-associated conditions: celiac disease and gluten sensitivity. BMC Medicine, 2011, 9, 23.	5.5	379
75	A Microbiologicalâ€“Chemical Strategy to Produce Chondroitin Sulfate A,C. Angewandte Chemie - International Edition, 2011, 50, 6160-6163.	13.8	60
76	Comparative analysis of commercial dermal fillers based on crosslinked hyaluronan: Physical characterization and in vitro enzymatic degradation. Polymer Degradation and Stability, 2011, 96, 630-636.	5.8	45
77	Production of capsular polysaccharide from Escherichia coli K4 for biotechnological applications. Applied Microbiology and Biotechnology, 2010, 85, 1779-1787.	3.6	66
78	Production of chondroitin sulfate and chondroitin. Applied Microbiology and Biotechnology, 2010, 87, 1209-1220.	3.6	118
79	Isolation of an Escherichia coli K4 kfoC mutant over-producing capsular chondroitin. Microbial Cell Factories, 2010, 9, 34.	4.0	36
80	Improved fructosylated chondroitin production by kfoC overexpression in E. coli K4. Journal of Biotechnology, 2010, 150, 324-331.	3.8	29
81	A complete hyaluronan hydrodynamic characterization using a size exclusion chromatographyâ€“triple detector array system during in vitro enzymatic degradation. Analytical Biochemistry, 2010, 404, 21-29.	2.4	73
82	Alterations of the Intestinal Barrier in Patients With Autism Spectrum Disorders and in Their Firstâ€degree Relatives. Journal of Pediatric Gastroenterology and Nutrition, 2010, 51, 418-424.	1.8	424
83	Hyaluronic acid degradation during initial steps of downstream processing. Biocatalysis and Biotransformation, 2010, 28, 83-89.	2.0	10
84	Structure-based design of an urokinase-type plasminogen activator receptorâ€“derived peptide inhibiting cell migration and lung metastasis. Molecular Cancer Therapeutics, 2009, 8, 2708-2717.	4.1	47
85	In vitro evaluation of Lactobacillus plantarum DSMZ 12028 as a probiotic: Emphasis on innate immunity. International Journal of Food Microbiology, 2009, 135, 90-98.	4.7	70
86	Highâ€performance CE of Escherichia coli K4 cell surface polysaccharides. Electrophoresis, 2009, 30, 3877-3883.	2.4	30
87	Chemico-physical characterization of hybrid composites based on hydroxyethyl methacrylate and nanosilica. Journal of Polymer Research, 2009, 16, 561-567.	2.4	11
88	Effects of low concentrations of benzene on human lung cells in vitro. Toxicology Letters, 2009, 188, 130-136.	0.8	20
89	Production of a thermophilic maltooligosyl-trehalose synthase in Lactococcus lactis. Journal of Industrial Microbiology and Biotechnology, 2008, 35, 1079-1083.	3.0	4
90	An urokinase receptor antagonist that inhibits cell migration by blocking the formyl peptide receptor. FEBS Letters, 2008, 582, 1141-1146.	2.8	36

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91	High-yield cultivation of Marinococcus M52 for production and recovery of hydroxyectoine. Research in Microbiology, 2006, 157, 693-699.	2.1	37
92	Ectoine from halophilic microorganisms induces the expression of hsp70 and hsp70Bâ€² in human keratinocytes modulating the proinflammatory response. Cell Stress and Chaperones, 2005, 10, 197.	2.9	44
93	A Novel Injectable Poly(É›-caprolactone)/Calcium Sulfate System for Bone Regeneration: Synthesis and Characterization. Macromolecular Bioscience, 2005, 5, 1108-1117.	4.1	51
94	Cationic polyelectrolyte hydrogel fosters fibroblast spreading, proliferation, and extracellular matrix production: Implications for tissue engineering. Journal of Cellular Physiology, 2004, 198, 133-143.	4.1	45
95	Development of hybrid materials based on hydroxyethylmethacrylate as supports for improving cell adhesion and proliferation. Biomaterials, 2004, 25, 3645-3653.	11.4	84
96	Glucose production from maltodextrins employing a thermophilic immobilized cell biocatalyst in a packed-bed reactor. Enzyme and Microbial Technology, 2004, 34, 415-421.	3.2	9
97	Evaluation of a high temperature immobilised enzyme reactor for production of non-reducing oligosaccharides. Journal of Industrial Microbiology and Biotechnology, 2003, 30, 302-307.	3.0	11
98	High cell density cultivation of probiotics and lactic acid production. Biotechnology and Bioengineering, 2003, 82, 213-222.	3.3	59
99	Immobilized Proteus mirabilis in poly(vinyl alcohol) cryogels for l(âˆ’)-carnitine production. Enzyme and Microbial Technology, 2003, 32, 507-512.	3.2	14
100	Cellobiose and lactulose coupled with mannitol and determined using ion-exchange chromatography with pulsed amperometric detection, are reliable probes for investigation of intestinal permeability. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2003, 783, 349-357.	2.3	46
101	Stabilization of S-adenosyl-l-methionine promoted by trehalose. Biochimica Et Biophysica Acta - General Subjects, 2002, 1573, 105-108.	2.4	22
102	Perspectives on biotechnological applications of archaea. Archaea, 2002, 1, 75-86.	2.3	110
103	Trehalose production: exploiting novel approaches. Trends in Biotechnology, 2002, 20, 420-425.	9.3	224
104	Trehalose production at high temperature exploiting an immobilized cell bioreactor. Extremophiles, 2002, 6, 341-347.	2.3	26
105	Enzymatic production of 18-Î²-glycyrrhetinic acid from Glycyrrhiza glabra L.. Biotechnology Letters, 2002, 24, 1907-1911.	2.2	10
106	The production of biocatalysts and biomolecules from extremophiles. Trends in Biotechnology, 2002, 20, 515-521.	9.3	195
107	Innovative fermentation strategies for the production of extremophilic enzymes. Extremophiles, 2001, 5, 193-198.	2.3	34
108	An enzymatic process for the production of the pharmacologically active glycoside desglucodesrhamnoruscin from Ruscus aculeatus L.. Journal of Molecular Catalysis B: Enzymatic, 2001, 11, 307-314.	1.8	12

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109	Identification and Molecular Characterization of the First Î±-Xylosidase from an Archaeon. Journal of Biological Chemistry, 2000, 275, 22082-22089.	3.4	68
110	Different effects of microwave energy and conventional heat on the activity of a thermophilic ï¿½-galactosidase fromBacillus acidocaldarius. Bioelectromagnetics, 1999, 20, 172-176.	1.6	23
111	Neuronorm is a potent and water soluble neurokinin A receptor antagonist. Bioorganic and Medicinal Chemistry Letters, 1998, 8, 1735-1740.	2.2	1
112	Non-thermal effects of microwaves on proteins: thermophilic enzymes as model system. FEBS Letters, 1997, 402, 102-106.	2.8	178
113	Enzymatic Detection of l-Isoaspartyl Residues in Food Proteins and the Protective Properties of Trehalose. Journal of Nutritional Biochemistry, 1997, 8, 535-540.	4.2	8
114	Purification and characterization of the alcohol dehydrogenase from a novel strain of Bacillus stearothermophilus growing at 70Â°C. International Journal of Biochemistry and Cell Biology, 1996, 28, 239-246.	2.8	55
115	Functional and Structural Properties of the Homogeneous Î²-Glycosidase from the Extreme ThermoacidophilicArchaeonSulfolobus solfataricusExpressed inSaccharomyces cerevisiae. Protein Expression and Purification, 1996, 7, 299-308.	1.3	20
116	Cloning and sequencing of the gene coding for S-adenosylhomocysteine hydrolase in the thermophilic archaeon Sulfolobus solfataricus. Gene, 1996, 177, 17-22.	2.2	10
117	Extremely Thermophilic and Thermostable 5'-Methylthioadenosine Phosphorylase from the Archaeon Sulfolobus solfataricus. Gene Cloning and Amino Acid Sequence Determination. FEBS Journal, 1996, 239, 632-637.	0.2	8
118	Archaeal lipids: structural features and supramolecular organization. Thin Solid Films, 1996, 284-285, 13-17.	1.8	43
119	Industrial-Scale Production of Thermostable Enzymes: The Model-System of the Î²-Glycosidase from Sulfolobus Solfataricus. , 1996, , 89-99.		0
120	Characterization of redox proteins from extreme thermophilic archaebacteria: studies on alcohol dehydrogenase and thioredoxins. Biosensors and Bioelectronics, 1995, 10, 135-140.	10.1	12
121	X-ray diffraction structural analysis of Langmuir-Blodgett films using a pattern recognition approach. Thin Solid Films, 1995, 265, 74-83.	1.8	10
122	ADP-ribosylation reactions in Sulfolobus solfataricus, a thermoacidophilic archaeon. BBA - Proteins and Proteomics, 1995, 1246, 151-159.	2.1	10
123	Molecular properties of glutamate dehydrogenase from the extreme thermophilic archaebacterium Sulfolobus solfataricus. BBA - Proteins and Proteomics, 1995, 1251, 170-176.	2.1	0
124	The amino acid sequence of glutamate dehydrogenase fromPyrococcus furiosus, a hyperthermophilic archaebacterium. The Protein Journal, 1994, 13, 253-259.	1.1	21
125	NAD-dependent glutamate dehydrogenase from the thermophilic eubacterium Bacillus acidocaldarius. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1994, 109, 691-699.	0.2	3
126	Purification and characterization of a thermostable carboxylesterase from the thermoacidophilic eubacterium Bacillus acidocaldarius. FEBS Journal, 1994, 221, 965-972.	0.2	32

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127	Glutamate dehydrogenase from the thermoacidophilic archaebacterium Sulfolobussolfataricus: studies on thermal and guanidine-dependent inactivation. BBA - Proteins and Proteomics, 1993, 1202, 207-215.	2.1	12
128	S-Adenosylhomocysteine hydrolase from the thermophilic archaeon Sulfolobus solfataricus: purification, physico-chemical and immunological properties. BBA - Proteins and Proteomics, 1993, 1164, 179-188.	2.1	20
129	Unique Features of Lipids of Archaea. Systematic and Applied Microbiology, 1993, 16, 518-527.	2.8	69
130	Distribution of Complex and Core Lipids within New Hyperthermophilic Members of the Archaea Domain. Systematic and Applied Microbiology, 1992, 15, 11-17.	2.8	45
131	Thermostable NAD+-dependent alcohol dehydrogenase from Sulfolobus solfataricus: gene and protein sequence determination and relationship to other alcohol dehydrogenases. Biochemistry, 1992, 31, 12514-12523.	2.5	103
132	Isolation of a thermostable enzyme catalyzing disulfide bond formation from the archaebacteriumSulfolobus solfataricus. FEBS Letters, 1992, 303, 27-30.	2.8	19
133	The protein sequence of glutamate dehydrogenase from Sulfolobus solfataricus, a thermoacidophilic archaebacterium. Is the presence of N-epsilon-methyllysine related to thermostability?. FEBS Journal, 1992, 203, 81-87.	0.2	66
134	Biochemical rationale for the use of CDPcholine in traumatic brain injury: pharmacokinetics of the orally administered drug. Journal of the Neurological Sciences, 1991, 103, 19-25.	0.6	37
135	Glutamate dehydrogenase from the thermoacidophilic archaebacterium Sulfolobus solfataricus. FEBS Journal, 1991, 196, 459-467.	0.2	72
136	S-Adenosylmethionine decarboxylase from the thermophilic archaebacterium Sulfolobus solfataricus. Purification, molecular properties and studies on the covalently bound pyruvate. FEBS Journal, 1991, 199, 395-400.	0.2	17
137	Properties of the elongation factor 1alpha in the thermoacidophilic archaebacterium Sulfolobus solfataricus. FEBS Journal, 1991, 199, 529-537.	0.2	34
138	Extremely thermostable glutamate dehydrogenase from the hyperthermophilic archaebacterium Pyrococcus furiosus. FEBS Journal, 1991, 202, 1189-1196.	0.2	98
139	Enzyme-catalyzed synthesis of alkyl Î²-D-glycosides with crude homogenate ofSulfolobus solfataricus. Biotechnology Letters, 1991, 13, 235-240.	2.2	44
140	Thermostable beta-galactosidase from the archaebacterium Sulfolobus solfataricus Purification and properties. FEBS Journal, 1990, 187, 321-328.	0.2	163
141	Asymmetric reduction of ketones with resting cells ofSulfolobus solfataricus. Biotechnology and Bioengineering, 1990, 35, 559-564.	3.3	31
142	Cloning and Expression as a Tool to Easily Purify a New Highly Thermostable Archaebacterial ÃŸ-Galactosidase. , 1990, , 577-582.		0
143	A physico-chemical approach to the study of the binding interaction betweenS-adenosyl-l-methionine and polyanions: binding constants and nature of the interaction with sodium poly(styrene sulfonate). Biochimica Et Biophysica Acta - General Subjects, 1989, 991, 324-329.	2.4	7
144	A complex lipid with a cyclic phosphate from the archaebacterium Natronococcus occultus. Lipids and Lipid Metabolism, 1989, 1001, 31-34.	2.6	27

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145	An isopranoid ether analogue of phosphatidic acid from a halophilic archaebacterium. Lipids and Lipid Metabolism, 1989, 1002, 398-400.	2.6	9
146	A new 15,16-dimethyl-30-glyceryloxytriacontanoic acid from lipids of Thermotoga maritima. Journal of the Chemical Society Chemical Communications, 1988, , 1300.	2.0	39
147	The lipids of archaebacteria. Progress in Lipid Research, 1988, 27, 153-175.	11.6	439
148	Trehalose in Archaebacteria. Systematic and Applied Microbiology, 1988, 10, 215-217.	2.8	32
149	Biradical Tetraether Lipids from Thermoacidophilic Archaebacteria. Advances in Experimental Medicine and Biology, 1988, 238, 37-45.	1.6	1
150	S-Adenosylmethionine Decarboxylase from the Thermophilic Archaebacterium Sulfolobus Solfataricus. Advances in Experimental Medicine and Biology, 1988, 250, 91-100.	1.6	0
151	Complex lipids from Desulfurococcus mobilis, a sulfur-reducing archaebacterium. Lipids and Lipid Metabolism, 1987, 922, 95-102.	2.6	23
152	Lipids of Thermococcus celer, a sulfur-reducing archaebacterium: Structure and biosynthesis. Systematic and Applied Microbiology, 1987, 9, 1-5.	2.8	48
153	A novel archaebacterial NAD+-dependent alcohol dehydrogenase. Purification and properties. FEBS Journal, 1987, 167, 475-479.	0.2	81
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