Wim J Quax

List of Publications by Year in descending order

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228	9,991	34105 52	48315 88
papers	citations	h-index	g-index

240	240	240	9012
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced extrinsic apoptosis of therapy-induced senescent cancer cells using a death receptor 5 (DR5) selective agonist. Cancer Letters, 2022, 525, 67-75.	7.2	12
2	Enzyme-Mediated Quenching of the Pseudomonas Quinolone Signal (PQS): A Comparison between Naturally Occurring and Engineered PQS-Cleaving Dioxygenases. Biomolecules, 2022, 12, 170.	4.0	4
3	Receptor Specificity Engineering of TNF Superfamily Ligands. Pharmaceutics, 2022, 14, 181.	4.5	6
4	Thieno[2,3-d]pyrimidine-2,4(1H,3H)-dione Derivative Inhibits <scp>d</scp>-Dopachrome Tautomerase Activity and Suppresses the Proliferation of Non-Small Cell Lung Cancer Cells. Journal of Medicinal Chemistry, 2022, 65, 2059-2077.	6.4	14
5	Artemisinin-Type Drugs in Tumor Cell Death: Mechanisms, Combination Treatment with Biologics and Nanoparticle Delivery. Pharmaceutics, 2022, 14, 395.	4.5	6
6	Fighting Acinetobacter baumannii infections with the acylase PvdQ. Microbes and Infection, 2022, , 104951.	1.9	4
7	Discovery of chromene compounds as inhibitors of PvdQ acylase of Pseudomonas aeruginosa. Microbes and Infection, 2022, , 105017.	1.9	1
8	Positioning Bacillus subtilis as terpenoid cell factory. Journal of Applied Microbiology, 2021, 130, 1839-1856.	3.1	11
9	High level production of amorphadiene using Bacillus subtilis as an optimized terpenoid cell factory. New Biotechnology, 2021, 60, 159-167.	4.4	14
10	Current State and Future Directions of Genetics and Genomics of Endophytic Fungi for Bioprospecting Efforts. Frontiers in Bioengineering and Biotechnology, 2021, 9, 649906.	4.1	23
11	Engineering of Multiple Modules to Improve Amorphadiene Production in Bacillus subtilis Using CRISPR-Cas9. Journal of Agricultural and Food Chemistry, 2021, 69, 4785-4794.	5.2	19
12	Proteolysis Targeting Chimera (PROTAC) for Macrophage Migration Inhibitory Factor (MIF) Has Antiâ€Proliferative Activity in Lung Cancer Cells. Angewandte Chemie - International Edition, 2021, 60, 17514-17521.	13.8	22
13	Proteolysis Targeting Chimera (PROTAC) for Macrophage Migration Inhibitory Factor (MIF) Has Antiâ€Proliferative Activity in Lung Cancer Cells. Angewandte Chemie, 2021, 133, 17655-17662.	2.0	3
14	Dihydroartemisinin-Transferrin Adducts Enhance TRAIL-Induced Apoptosis in Triple-Negative Breast Cancer in a P53-Independent and ROS-Dependent Manner. Frontiers in Oncology, 2021, 11, 789336.	2.8	7
15	Antifungal and biofilm inhibitory effect of Cymbopogon citratus (lemongrass) essential oil on biofilm forming by Candida tropicalis isolates; an in vitro study. Journal of Ethnopharmacology, 2020, 246, 112188.	4.1	46
16	A regulated synthetic operon facilitates stable overexpression of multigene terpenoid pathway in Bacillus subtilis. Journal of Industrial Microbiology and Biotechnology, 2020, 47, 243-249.	3.0	10
17	A novel mechanism of inhibition by phenylthiourea on PvdP, a tyrosinase synthesizing pyoverdine of Pseudomonas aeruginosa. International Journal of Biological Macromolecules, 2020, 146, 212-221.	7.5	16
18	Development of phenylthiourea derivatives as allosteric inhibitors of pyoverdine maturation enzyme PvdP tyrosinase. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127409.	2.2	1

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19	7-Hydroxycoumarins Are Affinity-Based Fluorescent Probes for Competitive Binding Studies of Macrophage Migration Inhibitory Factor. Journal of Medicinal Chemistry, 2020, 63, 11920-11933.	6.4	17
20	Artemisinin Derivatives Stimulate DR5-Specific TRAIL-Induced Apoptosis by Regulating Wildtype P53. Cancers, 2020, 12, 2514.	3.7	13
21	Death Receptor 5 Displayed on Extracellular Vesicles Decreases TRAIL Sensitivity of Colon Cancer Cells. Frontiers in Cell and Developmental Biology, 2020, 8, 318.	3.7	15
22	Engineering the specificity of <scp>Streptococcus pyogenes</scp> sortase A by loop grafting. Proteins: Structure, Function and Bioinformatics, 2020, 88, 1394-1400.	2.6	16
23	A novel histone acetyltransferase inhibitor A485 improves sensitivity of non-small-cell lung carcinoma cells to TRAIL. Biochemical Pharmacology, 2020, 175, 113914.	4.4	21
24	Production of Squalene in Bacillus subtilis by Squalene Synthase Screening and Metabolic Engineering. Journal of Agricultural and Food Chemistry, 2020, 68, 4447-4455.	5.2	24
25	Immobilized Acylase PvdQ Reduces Pseudomonas aeruginosa Biofilm Formation on PDMS Silicone. Frontiers in Chemistry, 2020, 8, 54.	3.6	13
26	Betacyanins, major components in Opuntia red-purple fruits, protect against acetaminophen-induced acute liver failure. Food Research International, 2020, 137, 109461.	6.2	24
27	A Bispecific Inhibitor of the EGFR/ADAM17 Axis Decreases Cell Proliferation and Migration of EGFR-Dependent Cancer Cells. Cancers, 2020, 12, 411.	3.7	10
28	Improving TRAIL-induced apoptosis in cancers by interfering with histone modifications. , 2020, 3, 791-803.		0
29	Regulation of Survival Networks in Senescent Cells: From Mechanisms to Interventions. Journal of Molecular Biology, 2019, 431, 2629-2643.	4.2	100
30	Exoproteome Heterogeneity among Closely Related Staphylococcus aureus t437 Isolates and Possible Implications for Virulence. Journal of Proteome Research, 2019, 18, 2859-2874.	3.7	16
31	Creation of <scp>RANKL</scp> mutants with low affinity for decoy receptor <scp>OPG</scp> and their potential antiâ€fibrosis activity. FEBS Journal, 2019, 286, 3582-3593.	4.7	11
32	Histone Deacetylase Inhibitors Sensitize TRAIL-Induced Apoptosis in Colon Cancer Cells. Cancers, 2019, 11, 645.	3.7	33
33	Inhibitory selectivity among class I HDACs has a major impact on inflammatory gene expression in macrophages. European Journal of Medicinal Chemistry, 2019, 177, 457-466.	5.5	19
34	Enzymatic Quorum Quenching in Biofilms. , 2019, , 173-193.		7
35	Metabolic Engineering of Bacillus subtilis Toward Taxadiene Biosynthesis as the First Committed Step for Taxol Production. Frontiers in Microbiology, 2019, 10, 218.	3.5	57
36	Novel 15-Lipoxygenase-1 Inhibitor Protects Macrophages from Lipopolysaccharide-Induced Cytotoxicity. Journal of Medicinal Chemistry, 2019, 62, 4624-4637.	6.4	14

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37	Sortase mutants with improved protein thermostability and enzymatic activity obtained by consensus design. Protein Engineering, Design and Selection, 2019, 32, 555-564.	2.1	10
38	Death receptor 5 is activated by fucosylation in colon cancer cells. FEBS Journal, 2019, 286, 555-571.	4.7	23
39	Cytotoxic Deoxypodophyllotoxin Can Be Extracted in High Purity from Anthriscus sylvestris Roots by Supercritical Carbon Dioxide. Planta Medica, 2018, 84, 544-550.	1.3	4
40	PvdQ Quorum Quenching Acylase Attenuates Pseudomonas aeruginosa Virulence in a Mouse Model of Pulmonary Infection. Frontiers in Cellular and Infection Microbiology, 2018, 8, 119.	3.9	49
41	Catalysis of amorpha-4,11-diene synthase unraveled and improved by mutability landscape guided engineering. Scientific Reports, 2018, 8, 9961.	3.3	28
42	A nonalcoholic fatty liver disease cirrhosis model in gerbil: the dynamic relationship between hepatic lipid metabolism and cirrhosis. International Journal of Clinical and Experimental Pathology, 2018, 11, 146-157.	0.5	2
43	Novel <scp>RANKL DE</scp>â€loop mutants antagonize <scp>RANK</scp>â€mediated osteoclastogenesis. FEBS Journal, 2017, 284, 2501-2512.	4.7	10
44	Penicillin V acylases from gram-negative bacteria degrade N-acylhomoserine lactones and attenuate virulence in Pseudomonas aeruginosa. Applied Microbiology and Biotechnology, 2017, 101, 2383-2395.	3.6	25
45	Methyl jasmonate treatment increases podophyllotoxin production in Podophyllum hexandrum roots under glasshouse conditions. Plant and Soil, 2017, 417, 117-126.	3.7	9
46	Receptor-specific TRAIL as a means to achieve targeted elimination of activated hepatic stellate cells. Journal of Drug Targeting, 2017, 25, 360-369.	4.4	14
47	Deciphering Physiological Functions of AHL Quorum Quenching Acylases. Frontiers in Microbiology, 2017, 8, 1123.	3.5	64
48	A Glimpse into the Biosynthesis of Terpenoids. KnE Life Sciences, 2017, 3, 81.	0.1	49
49	Complete Genome Sequence of Bacillus subtilis subsp. subtilis Strain âˆ†6. Genome Announcements, 2016, 4, .	0.8	8
50	Quantitative antibody-free LCâ€“MS/MS analysis of sTRAIL in sputum and saliva at the sub-ng/mL level. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1032, 205-210.	2.3	11
51	Insights into the Three-Dimensional Structure of Amorpha-4,11-diene Synthase and Probing of Plasticity Residues. Journal of Natural Products, 2016, 79, 2455-2463.	3.0	14
52	Highly sensitive antibody-free Î¼LCâ€“MS/MS quantification of rhTRAIL in serum. Bioanalysis, 2016, 8, 881-890.	1.5	10
53	Using mutability landscapes of a promiscuous tautomerase to guide the engineering of enantioselective Michaelases. Nature Communications, 2016, 7, 10911.	12.8	80
54	Decoy receptors block TRAIL sensitivity at a supracellular level: the role of stromal cells in controlling tumour TRAIL sensitivity. Oncogene, 2016, 35, 1261-1270.	5.9	54

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55	High-Throughput Screening in Protein Engineering: Recent Advances and Future Perspectives. International Journal of Molecular Sciences, 2015, 16, 24918-24945.	4.1	42
56	Engineering Escherichia coli for methanol conversion. Metabolic Engineering, 2015, 28, 190-201.	7.0	166
57	Enhanced C30 carotenoid production in Bacillus subtilis by systematic overexpression of MEP pathway genes. Applied Microbiology and Biotechnology, 2015, 99, 5907-5915.	3.6	43
58	Metabolic engineering of Bacillus subtilis for terpenoid production. Applied Microbiology and Biotechnology, 2015, 99, 9395-9406.	3.6	34
59	DR4 specific TRAIL variants are more efficacious than wild-type TRAIL in pancreatic cancer. Cancer Biology and Therapy, 2014, 15, 1658-1666.	3.4	28
60	Decreased Affinity of Recombinant Human Tumor Necrosis Factor-related Apoptosis-inducing Ligand (rhTRAIL) D269H/E195R to Osteoprotegerin (OPG) Overcomes TRAIL Resistance Mediated by the Bone Microenvironment. Journal of Biological Chemistry, 2014, 289, 1071-1078.	3.4	14
61	PvdP Is a Tyrosinase That Drives Maturation of the Pyoverdine Chromophore in Pseudomonas aeruginosa. Journal of Bacteriology, 2014, 196, 2681-2690.	2.2	39
62	Crystal structures of two Bacillus carboxylesterases with different enantioselectivities. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 567-575.	2.3	20
63	Reducing virulence of the human pathogen Burkholderia by altering the substrate specificity of the quorum-quenching acylase PvdQ. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1568-1573.	7.1	65
64	Two death-inducing human TRAIL receptors to target in cancer: Similar or distinct regulation and function?. Biochemical Pharmacology, 2014, 91, 447-456.	4.4	53
65	Deinococcus radioduranscan interfere with quorum sensing by producing an AHL-acylase and an AHL-lactonase. FEMS Microbiology Letters, 2014, 356, 62-70.	1.8	31
66	The ER stress inducer DMC enhances TRAIL-induced apoptosis in glioblastoma. SpringerPlus, 2014, 3, 495.	1.2	14
67	Assessing Pseudomonas Virulence with Nonmammalian Host: Galleria mellonella. Methods in Molecular Biology, 2014, 1149, 681-688.	0.9	37
68	Production of Î±-cuprenene in Xanthophyllomyces dendrorhous: a step closer to a potent terpene biofactory. Microbial Cell Factories, 2013, 12, 13.	4.0	29
69	Caenorhabditis elegans reveals novel Pseudomonas aeruginosa virulence mechanism. Trends in Microbiology, 2013, 21, 315-316.	7.7	28
70	Antibody-Free LC-MS/MS Quantification of rhTRAIL in Human and Mouse Serum. Analytical Chemistry, 2013, 85, 10754-10760.	6.5	22
71	Development of a dry, stable and inhalable acylâ€“homoserineâ€“lactoneâ€“acylase powder formulation for the treatment of pulmonary Pseudomonas aeruginosa infections. European Journal of Pharmaceutical Sciences, 2013, 48, 637-643.	4.0	41
72	Bacterial Enzymes. , 2013, , 193-211.		0

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73	Enantioselective Synthesis of Nâ€Substituted Aspartic Acids Using an Engineered Variant of Methylaspartate Ammonia Lyase. ChemCatChem, 2013, 5, 1325-1327.	3.7	21
74	Nutlin-3 preferentially sensitises wild-type p53-expressing cancer cells to DR5-selective TRAIL over rhTRAIL. British Journal of Cancer, 2013, 109, 2685-2695.	6.4	35
75	Choosing an Appropriate Infection Model to Study Quorum Sensing Inhibition in Pseudomonas Infections. International Journal of Molecular Sciences, 2013, 14, 19309-19340.	4.1	49
76	Kinetic Resolution and Stereoselective Synthesis of 3â€Substituted Aspartic Acids by Using Engineered Methylaspartate Ammonia Lyases. Chemistry - A European Journal, 2013, 19, 11148-11152.	3.3	11
77	Kinetics in Signal Transduction Pathways Involving Promiscuous Oligomerizing Receptors Can Be Determined by Receptor Specificity: Apoptosis Induction by TRAIL. Molecular and Cellular Proteomics, 2012, 11, M111.013730.	3.8	25
78	Enhancement of the enantioselectivity of carboxylesterase A by structure-based mutagenesis. Journal of Biotechnology, 2012, 158, 36-43.	3.8	23
79	Heterologous expression of pentalenene synthase (PSS) from Streptomyces UC5319 in Xanthophyllomyces dendrorhous. Journal of Biotechnology, 2012, 161, 302-307.	3.8	4
80	An Esterase with Superior Activity and Enantioselectivity towards 1,2â€Oâ€Isopropylideneglycerol Esters Obtained by Protein Design. Advanced Synthesis and Catalysis, 2012, 354, 3009-3015.	4.3	14
81	Kinome profiling of non-canonical TRAIL signaling reveals RIP1-Src-STAT3 dependent invasion in resistant non-small cell lung cancer cells. Journal of Cell Science, 2012, 125, 4651-61.	2.0	57
82	Dehalogenation of an Anthropogenic Compound by an Engineered Variant of the Mouse Cytokine Macrophage Migration Inhibitory Factor. ChemBioChem, 2012, 13, 1270-1273.	2.6	6
83	Enhancement of the Promiscuous Aldolase and Dehydration Activities of 4â€Oxalocrotonate Tautomerase by Protein Engineering. ChemBioChem, 2012, 13, 1274-1277.	2.6	24
84	An Unexpected Promiscuous Activity of 4â€Oxalocrotonate Tautomerase: The cisâ€“trans Isomerisation of Nitrostyrene. ChemBioChem, 2012, 13, 1869-1873.	2.6	11
85	Engineering methylaspartate ammonia lyase for the asymmetric synthesis of unnatural amino acids. Nature Chemistry, 2012, 4, 478-484.	13.6	77
86	The Multiple Signaling Systems Regulating Virulence in Pseudomonas aeruginosa. Microbiology and Molecular Biology Reviews, 2012, 76, 46-65.	6.6	619
87	In vitro regeneration of wild chervil (Anthriscus sylvestris L.). In Vitro Cellular and Developmental Biology - Plant, 2012, 48, 355-361.	2.1	9
88	Characterization of a thermostable methylaspartate ammonia lyase from Carboxydothermus hydrogenoformans. Applied Microbiology and Biotechnology, 2012, 94, 385-397.	3.6	13
89	Lipase A gene transcription in Pseudomonas alcaligenes is under control of RNA polymerase Ïƒ54 and response regulator LipR. FEMS Microbiology Letters, 2012, 329, 146-153.	1.8	7
90	Bridging between Organocatalysis and Biocatalysis: Asymmetric Addition of Acetaldehyde to Î²â€Nitrostyrenes Catalyzed by a Promiscuous Prolineâ€Based Tautomerase. Angewandte Chemie - International Edition, 2012, 51, 1240-1243.	13.8	85

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91	Identification of the TAK1-NF-Î²B Axis As Critical Regulator of AML Stem and Progenitor Cell Survival.. Blood, 2012, 120, 2982-2982.	1.4	0
92	Characterization of a Newly Identified Mycobacterial Tautomerase with Promiscuous Dehalogenase and Hydratase Activities Reveals a Functional Link to a Recently Diverged cis-3-Chloroacrylic Acid Dehalogenase. Biochemistry, 2011, 50, 2889-2899.	2.5	12
93	Seasonal Variations in the Deoxypodophyllotoxin Content and Yield of Anthriscus sylvestris L. (Hoffm.) Grown in the Field and under Controlled Conditions. Journal of Agricultural and Food Chemistry, 2011, 59, 8132-8139.	5.2	15
94	Unraveling the Binding Mechanism of Trivalent Tumor Necrosis Factor Ligands and Their Receptors. Molecular and Cellular Proteomics, 2011, 10, M110.002808.	3.8	24
95	Targeting AML through DR4 with a novel variant of rhTRAIL. Journal of Cellular and Molecular Medicine, 2011, 15, 2216-2231.	3.6	18
96	Functional analysis of the sortase YhcS in Bacillus subtilis. Proteomics, 2011, 11, 3905-3913.	2.2	9
97	Systematic Screening for Catalytic Promiscuity in 4â€Oxalocrotonate Tautomerase: Enamine Formation and Aldolase Activity. ChemBioChem, 2011, 12, 602-609.	2.6	43
98	PA0305 of Pseudomonas aeruginosa is a quorum quenching acylhomoserine lactone acylase belonging to the Ntn hydrolase superfamily. Microbiology (United Kingdom), 2011, 157, 2042-2055.	1.8	84
99	Discovery of an Escherichia coli Esterase with High Activity and Enantioselectivity toward 1,2-O -Isopropylideneglycerol Esters. Applied and Environmental Microbiology, 2011, 77, 6094-6099.	3.1	30
100	Computational Design of TNF Ligand-Based Protein Therapeutics. Advances in Experimental Medicine and Biology, 2011, 691, 521-534.	1.6	2
101	Abstract 3399: Apoptosis activation by TRAIL receptor selective variants in glioblastoma (stem) cells. , 2011, , .		0
102	NF-Î²B and MCL-1 Are Important Determinants for the Effectiveness of Bortezomib In CD34+ AML Versus CD34â˜ AML Cells. Blood, 2011, 118, 1420-1420.	1.4	0
103	Synthetic constrained peptide selectively binds and antagonizes death receptor 5. FEBS Journal, 2010, 277, 1653-1665.	4.7	19
104	Contributions of the Pre- and Pro-Regions of a Staphylococcus hyicus Lipase to Secretion of a Heterologous Protein by Bacillus subtilis. Applied and Environmental Microbiology, 2010, 76, 659-669.	3.1	9
105	Role of PvdQ in Pseudomonas aeruginosa virulence under iron-limiting conditions. Microbiology (United Kingdom), 2010, 156, 49-59.	1.8	100
106	The Molecular Cloning of Dihydroartemisinic Aldehyde Reductase and its Implication in Artemisinin Biosynthesis inArtemisia annua. Planta Medica, 2010, 76, 1778-1783.	1.3	41
107	Molecular Cloning and Characterization of a Broad Substrate Terpenoid Oxidoreductase from Artemisia annua. Plant and Cell Physiology, 2010, 51, 1219-1228.	3.1	10
108	Structural and Functional Characterization of a Macrophage Migration Inhibitory Factor Homologue from the Marine Cyanobacterium Prochlorococcus marinus,. Biochemistry, 2010, 49, 7572-7581.	2.5	20

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109	The quorum-quenching N -acyl homoserine lactone acylase PvdQ is an Ntn-hydrolase with an unusual substrate-binding pocket. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 686-691.	7.1	124
110	The acylase PvdQ has a conserved function among fluorescent Pseudomonas spp.. Environmental Microbiology Reports, 2010, 2, 433-439.	2.4	13
111	Rapid and efficient cancer cell killing mediated by high-affinity death receptor homotrimerizing TRAIL variants. Cell Death and Disease, 2010, 1, e83-e83.	6.3	63
112	Reduced Coniferin and Enhanced 6-Methoxypodophyllotoxin Production in Linum flavum Cell Cultures. Pharmacognosy Journal, 2010, 2, 74-80.	0.8	3
113	Enhanced Antitumor Efficacy of a DR5-Specific TRAIL Variant over Recombinant Human TRAIL in a Bioluminescent Ovarian Cancer Xenograft Model. Clinical Cancer Research, 2009, 15, 2048-2057.	7.0	48
114	Quorum-Quenching Acylase Reduces the Virulence of Pseudomonas aeruginosa in a Caenorhabditis elegans Infection Model. Antimicrobial Agents and Chemotherapy, 2009, 53, 4891-4897.	3.2	109
115	Alteration of the Diastereoselectivity of 3â€Methylaspartate Ammonia Lyase by Using Structureâ€Based Mutagenesis. ChemBioChem, 2009, 10, 2236-2245.	2.6	24
116	Siteâ€directed mutagenesis, kinetic and inhibition studies of aspartate ammonia lyase from Bacillus sp. YM55â€1. FEBS Journal, 2009, 276, 2994-3007.	4.7	18
117	Heterologous production of Escherichia coli penicillin G acylase in Pseudomonas aeruginosa. Journal of Biotechnology, 2009, 142, 250-258.	3.8	16
118	Enhancement of Antitumor Properties of rhTRAIL by Affinity Increase toward Its Death Receptorsâ€. Biochemistry, 2009, 48, 2180-2191.	2.5	29
119	The conformation of the extracellular binding domain of Death Receptor 5 in the presence and absence of the activating ligand TRAIL: A molecular dynamics study. Proteins: Structure, Function and Bioinformatics, 2008, 70, 333-343.	2.6	15
120	RGD-avidinâ€“biotin pretargeting to Î±vÎ²3 integrin enhances the proapoptotic activity of TNFÎ± related apoptosis inducing ligand (TRAIL). Apoptosis: an International Journal on Programmed Cell Death, 2008, 13, 225-235.	4.9	10
121	Genetic or chemical protease inhibition causes significant changes in the Bacillus subtilis exoproteome. Proteomics, 2008, 8, 2704-2713.	2.2	28
122	A Novel Genetic Selection System for Improved Enantioselectivity of Bacillus subtilis Lipase A. ChemBioChem, 2008, 9, 1110-1115.	2.6	60
123	Evaluation of Different Glutaryl Acylase Mutants to Improve the Hydolysis of Cephalosporin C in the Absence of Hydrogen Peroxide. Advanced Synthesis and Catalysis, 2008, 350, 343-348.	4.3	23
124	Metabolic stereoselectivity of cytochrome P450 3A4 towards deoxypodophyllotoxin: In silico predictions and experimental validation. European Journal of Medicinal Chemistry, 2008, 43, 1171-1179.	5.5	21
125	Loop Grafting of Bacillus subtilis Lipase A: Inversion of Enantioselectivity. Chemistry and Biology, 2008, 15, 782-789.	6.0	35
126	Bioconversion of Mono- and Sesquiterpenoids by Recombinant Human Cytochrome P450 Monooxygenases. Pharmaceutical Biology, 2008, 46, 710-718.	2.9	2

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127	Modulation of Thiol-Disulfide Oxidoreductases for Increased Production of Disulfide-Bond-Containing Proteins in Bacillus subtilis. Applied and Environmental Microbiology, 2008, 74, 7536-7545.	3.1	22
128	DR4-selective Tumor Necrosis Factor-related Apoptosis-inducing Ligand (TRAIL) Variants Obtained by Structure-based Design. Journal of Biological Chemistry, 2008, 283, 20560-20568.	3.4	56
129	Lipase Expression in Pseudomonas alcaligenes Is Under the Control of a Two-Component Regulatory System. Applied and Environmental Microbiology, 2008, 74, 1402-1411.	3.1	23
130	Essential Oil Constituents ofPiper cubebaL. fils. from Indonesia. Journal of Essential Oil Research, 2007, 19, 14-17.	2.7	22
131	Thiol-disulphide oxidoreductase modules in the low-GC Gram-positive bacteria. Molecular Microbiology, 2007, 64, 984-999.	2.5	74
132	Selection strategies for improved biocatalysts. FEBS Journal, 2007, 274, 2181-2195.	4.7	65
133	A highly active adipylâ€cephalosporin acylase obtained via rational randomization. FEBS Journal, 2007, 274, 5600-5610.	4.7	11
134	Lignan profile of Piper cubeba, an Indonesian medicinal plant. Biochemical Systematics and Ecology, 2007, 35, 397-402.	1.3	30
135	Functional analysis of genes involved in the biosynthesis of isoprene in Bacillus subtilis. Applied Microbiology and Biotechnology, 2007, 75, 1377-1384.	3.6	93
136	Quorum-Quenching Acylases in Pseudomonas aeruginosa. , 2007, , 429-449.		6
137	Selection strategies for improved biocatalysts. FEBS Journal, 2007, .	4.7	0
138	Phage Display of an Intracellular Carboxylesterase of Bacillus subtilis : Comparison of Sec and Tat Pathway Export Capabilities. Applied and Environmental Microbiology, 2006, 72, 4589-4595.	3.1	20
139	Secretion of functional human interleukin-3 from Bacillus subtilis. Journal of Biotechnology, 2006, 123, 211-224.	3.8	72
140	Bioconversion of deoxypodophyllotoxin into epipodophyllotoxin in E. coli using human cytochrome P450 3A4. Journal of Biotechnology, 2006, 126, 383-393.	3.8	37
141	Lignans from Cell Suspension Cultures ofPhyllanthusniruri, an Indonesian Medicinal Plant. Journal of Natural Products, 2006, 69, 55-58.	3.0	28
142	Bacterial Enzymes. , 2006, , 777-796.		6
143	Quorum Quenching by an N-Acyl-Homoserine Lactone Acylase from Pseudomonas aeruginosa PAO1. Infection and Immunity, 2006, 74, 1673-1682.	2.2	297
144	Proteomic dissection of potential signal recognition particle dependence in protein secretion byBacillus subtilis. Proteomics, 2006, 6, 3636-3648.	2.2	47

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145	The CssRS two-component regulatory system controls a general secretion stress response in Bacillus subtilis. FEBS Journal, 2006, 273, 3816-3827.	4.7	61
146	Combinatorial biosynthesis of medicinal plant secondary metabolites. New Biotechnology, 2006, 23, 265-279.	2.7	99
147	Directed Evolution of Bacillus subtilis Lipase A by Use of Enantiomeric Phosphonate Inhibitors: Crystal Structures and Phage Display Selection. ChemBioChem, 2006, 7, 149-157.	2.6	64
148	Designed tumor necrosis factor-related apoptosis-inducing ligand variants initiating apoptosis exclusively via the DR5 receptor. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8634-8639.	7.1	151
149	A Disulfide Bond-Containing Alkaline Phosphatase Triggers a BdbC-Dependent Secretion Stress Response in Bacillus subtilis. Applied and Environmental Microbiology, 2006, 72, 6876-6885.	3.1	28
150	Signal peptide hydrophobicity is critical for early stages in protein export by Bacillus subtilis. FEBS Journal, 2005, 272, 4617-4630.	4.7	55
151	Comparison and functional characterisation of three homologous intracellular carboxylesterases of Bacillus subtilis. Journal of Molecular Catalysis B: Enzymatic, 2005, 32, 261-270.	1.8	14
152	Volatile components of the aerial parts ofArtemisia pontica L. grown in Bulgaria. Flavour and Fragrance Journal, 2005, 20, 145-148.	2.6	9
153	A validated gas chromatographic method for the evaluation of enzymatic enantioselectivity in kinetic resolution applications. Journal of Separation Science, 2005, 28, 501-505.	2.5	2
154	Directed evolution: selecting today's biocatalysts. New Biotechnology, 2005, 22, 1-9.	2.7	114
155	RET-Familial Medullary Thyroid Carcinoma Mutants Y791F and S891A Activate a Src/JAK/STAT3 Pathway, Independent of Glial Cell Lineâ€“Derived Neurotrophic Factor. Cancer Research, 2005, 65, 1729-1737.	0.9	84
156	Genes Involved in SkfA Killing Factor Production Protect a Bacillus subtilis Lipase against Proteolysis. Applied and Environmental Microbiology, 2005, 71, 1899-1908.	3.1	19
157	Stabilization of TRAIL, an all-Â-sheet multimeric protein, using computational redesign. Protein Engineering, Design and Selection, 2004, 17, 673-680.	2.1	30
158	FlhF, the Third Signal Recognition Particle-GTPase of Bacillus subtilis , Is Dispensable for Protein Secretion. Journal of Bacteriology, 2004, 186, 5956-5960.	2.2	24
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