

# Wim J Quax

## List of Publications by Year in descending order

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228  
papers

9,991  
citations

34016

52  
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48187

88  
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240  
all docs

240  
docs citations

240  
times ranked

9012  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced extrinsic apoptosis of therapy-induced senescent cancer cells using a death receptor 5 (DR5) selective agonist. <i>Cancer Letters</i> , 2022, 525, 67-75.	3.2	12
2	Enzyme-Mediated Quenching of the Pseudomonas Quinolone Signal (PQS): A Comparison between Naturally Occurring and Engineered PQS-Cleaving Dioxygenases. <i>Biomolecules</i> , 2022, 12, 170.	1.8	4
3	Receptor Specificity Engineering of TNF Superfamily Ligands. <i>Pharmaceutics</i> , 2022, 14, 181.	2.0	6
4	Thieno[2,3- <i>d</i> ]pyrimidine-2,4(1 <i>H</i> ,3 <i>H</i> )-dione Derivative Inhibits <i>scpd</i> -Dopachrome Tautomerase Activity and Suppresses the Proliferation of Non-Small Cell Lung Cancer Cells. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 2059-2077.	2.9	14
5	Artemisinin-Type Drugs in Tumor Cell Death: Mechanisms, Combination Treatment with Biologics and Nanoparticle Delivery. <i>Pharmaceutics</i> , 2022, 14, 395.	2.0	6
6	Fighting <i>Acinetobacter baumannii</i> infections with the acylase PvdQ. <i>Microbes and Infection</i> , 2022, , 104951.	1.0	4
7	Discovery of chromene compounds as inhibitors of PvdQ acylase of <i>Pseudomonas aeruginosa</i> . <i>Microbes and Infection</i> , 2022, , 105017.	1.0	1
8	Positioning <i>Bacillus subtilis</i> as terpenoid cell factory. <i>Journal of Applied Microbiology</i> , 2021, 130, 1839-1856.	1.4	11
9	High level production of amorphadiene using <i>Bacillus subtilis</i> as an optimized terpenoid cell factory. <i>New Biotechnology</i> , 2021, 60, 159-167.	2.4	14
10	Current State and Future Directions of Genetics and Genomics of Endophytic Fungi for Bioprospecting Efforts. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 649906.	2.0	23
11	Engineering of Multiple Modules to Improve Amorphadiene Production in <i>Bacillus subtilis</i> Using CRISPR-Cas9. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 4785-4794.	2.4	19
12	Proteolysis Targeting Chimera (PROTAC) for Macrophage Migration Inhibitory Factor (MIF) Has Anti- $\epsilon$ Proliferative Activity in Lung Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17514-17521.	7.2	22
13	Proteolysis Targeting Chimera (PROTAC) for Macrophage Migration Inhibitory Factor (MIF) Has Anti- $\epsilon$ Proliferative Activity in Lung Cancer Cells. <i>Angewandte Chemie</i> , 2021, 133, 17655-17662.	1.6	3
14	Dihydroartemisinin-Transferrin Adducts Enhance TRAIL-Induced Apoptosis in Triple-Negative Breast Cancer in a P53-Independent and ROS-Dependent Manner. <i>Frontiers in Oncology</i> , 2021, 11, 789336.	1.3	7
15	Antifungal and biofilm inhibitory effect of <i>Cymbopogon citratus</i> (lemongrass) essential oil on biofilm forming by <i>Candida tropicalis</i> isolates; an in vitro study. <i>Journal of Ethnopharmacology</i> , 2020, 246, 112188.	2.0	46
16	A regulated synthetic operon facilitates stable overexpression of multigene terpenoid pathway in <i>Bacillus subtilis</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2020, 47, 243-249.	1.4	10
17	A novel mechanism of inhibition by phenylthiourea on PvdP, a tyrosinase synthesizing pyoverdine of <i>Pseudomonas aeruginosa</i> . <i>International Journal of Biological Macromolecules</i> , 2020, 146, 212-221.	3.6	16
18	Development of phenylthiourea derivatives as allosteric inhibitors of pyoverdine maturation enzyme PvdP tyrosinase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127409.	1.0	1

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19	7-Hydroxycoumarins Are Affinity-Based Fluorescent Probes for Competitive Binding Studies of Macrophage Migration Inhibitory Factor. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 11920-11933.	2.9	17
20	Artemisinin Derivatives Stimulate DR5-Specific TRAIL-Induced Apoptosis by Regulating Wildtype P53. <i>Cancers</i> , 2020, 12, 2514.	1.7	13
21	Death Receptor 5 Displayed on Extracellular Vesicles Decreases TRAIL Sensitivity of Colon Cancer Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 318.	1.8	15
22	Engineering the specificity of <i>Streptococcus pyogenes</i> sortase A by loop grafting. <i>Proteins: Structure, Function and Bioinformatics</i> , 2020, 88, 1394-1400.	1.5	16
23	A novel histone acetyltransferase inhibitor A485 improves sensitivity of non-small-cell lung carcinoma cells to TRAIL. <i>Biochemical Pharmacology</i> , 2020, 175, 113914.	2.0	21
24	Production of Squalene in <i>Bacillus subtilis</i> by Squalene Synthase Screening and Metabolic Engineering. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 4447-4455.	2.4	24
25	Immobilized Acylase PvdQ Reduces <i>Pseudomonas aeruginosa</i> Biofilm Formation on PDMS Silicone. <i>Frontiers in Chemistry</i> , 2020, 8, 54.	1.8	13
26	Betacyanins, major components in <i>Opuntia</i> red-purple fruits, protect against acetaminophen-induced acute liver failure. <i>Food Research International</i> , 2020, 137, 109461.	2.9	24
27	A Bispecific Inhibitor of the EGFR/ADAM17 Axis Decreases Cell Proliferation and Migration of EGFR-Dependent Cancer Cells. <i>Cancers</i> , 2020, 12, 411.	1.7	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. <i>Journal of Molecular Biology</i> , 2019, 431, 2629-2643.	2.0	100
30	Exoproteome Heterogeneity among Closely Related <i>Staphylococcus aureus</i> t437 Isolates and Possible Implications for Virulence. <i>Journal of Proteome Research</i> , 2019, 18, 2859-2874.	1.8	16
31	Creation of <i>RANKL</i> mutants with low affinity for decoy receptor <i>OPG</i> and their potential anti-fibrosis activity. <i>FEBS Journal</i> , 2019, 286, 3582-3593.	2.2	11
32	Histone Deacetylase Inhibitors Sensitize TRAIL-Induced Apoptosis in Colon Cancer Cells. <i>Cancers</i> , 2019, 11, 645.	1.7	33
33	Inhibitory selectivity among class I HDACs has a major impact on inflammatory gene expression in macrophages. <i>European Journal of Medicinal Chemistry</i> , 2019, 177, 457-466.	2.6	19
34	Enzymatic Quorum Quenching in Biofilms. , 2019, , 173-193.		7
35	Metabolic Engineering of <i>Bacillus subtilis</i> Toward Taxadiene Biosynthesis as the First Committed Step for Taxol Production. <i>Frontiers in Microbiology</i> , 2019, 10, 218.	1.5	57
36	Novel 15-Lipoxygenase-1 Inhibitor Protects Macrophages from Lipopolysaccharide-Induced Cytotoxicity. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 4624-4637.	2.9	14

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37	Sortase mutants with improved protein thermostability and enzymatic activity obtained by consensus design. <i>Protein Engineering, Design and Selection</i> , 2019, 32, 555-564.	1.0	10
38	Death receptor 5 is activated by fucosylation in colon cancer cells. <i>FEBS Journal</i> , 2019, 286, 555-571.	2.2	23
39	Cytotoxic Deoxypodophyllotoxin Can Be Extracted in High Purity from <i>Anthriscus sylvestris</i> Roots by Supercritical Carbon Dioxide. <i>Planta Medica</i> , 2018, 84, 544-550.	0.7	4
40	PvdQ Quorum Quenching Acylase Attenuates <i>Pseudomonas aeruginosa</i> Virulence in a Mouse Model of Pulmonary Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 119.	1.8	49
41	Catalysis of amorpho-4,11-diene synthase unraveled and improved by mutability landscape guided engineering. <i>Scientific Reports</i> , 2018, 8, 9961.	1.6	28
42	A nonalcoholic fatty liver disease cirrhosis model in gerbil: the dynamic relationship between hepatic lipid metabolism and cirrhosis. <i>International Journal of Clinical and Experimental Pathology</i> , 2018, 11, 146-157.	0.5	2
43	Novel <i>RANKL</i> DE-loop mutants antagonize <i>RANK</i> -mediated osteoclastogenesis. <i>FEBS Journal</i> , 2017, 284, 2501-2512.	2.2	10
44	Penicillin V acylases from gram-negative bacteria degrade N-acylhomoserine lactones and attenuate virulence in <i>Pseudomonas aeruginosa</i> . <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 2383-2395.	1.7	25
45	Methyl jasmonate treatment increases podophyllotoxin production in <i>Podophyllum hexandrum</i> roots under glasshouse conditions. <i>Plant and Soil</i> , 2017, 417, 117-126.	1.8	9
46	Receptor-specific TRAIL as a means to achieve targeted elimination of activated hepatic stellate cells. <i>Journal of Drug Targeting</i> , 2017, 25, 360-369.	2.1	14
47	Deciphering Physiological Functions of AHL Quorum Quenching Acylases. <i>Frontiers in Microbiology</i> , 2017, 8, 1123.	1.5	64
48	A Glimpse into the Biosynthesis of Terpenoids. <i>KnE Life Sciences</i> , 2017, 3, 81.	0.1	49
49	Complete Genome Sequence of <i>Bacillus subtilis</i> subsp. <i>subtilis</i> Strain $\hat{\tau}$ 6. <i>Genome Announcements</i> , 2016, 4, .	0.8	8
50	Quantitative antibody-free LC-MS/MS analysis of sTRAIL in sputum and saliva at the sub-ng/mL level. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1032, 205-210.	1.2	11
51	Insights into the Three-Dimensional Structure of Amorpho-4,11-diene Synthase and Probing of Plasticity Residues. <i>Journal of Natural Products</i> , 2016, 79, 2455-2463.	1.5	14
52	Highly sensitive antibody-free LC-MS/MS quantification of rhTRAIL in serum. <i>Bioanalysis</i> , 2016, 8, 881-890.	0.6	10
53	Using mutability landscapes of a promiscuous tautomerase to guide the engineering of enantioselective Michaelases. <i>Nature Communications</i> , 2016, 7, 10911.	5.8	80
54	Decoy receptors block TRAIL sensitivity at a supracellular level: the role of stromal cells in controlling tumour TRAIL sensitivity. <i>Oncogene</i> , 2016, 35, 1261-1270.	2.6	54

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55	High-Throughput Screening in Protein Engineering: Recent Advances and Future Perspectives. <i>International Journal of Molecular Sciences</i> , 2015, 16, 24918-24945.	1.8	42
56	Engineering <i>Escherichia coli</i> for methanol conversion. <i>Metabolic Engineering</i> , 2015, 28, 190-201.	3.6	166
57	Enhanced C30 carotenoid production in <i>Bacillus subtilis</i> by systematic overexpression of MEP pathway genes. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 5907-5915.	1.7	43
58	Metabolic engineering of <i>Bacillus subtilis</i> for terpenoid production. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 9395-9406.	1.7	34
59	DR4 specific TRAIL variants are more efficacious than wild-type TRAIL in pancreatic cancer. <i>Cancer Biology and Therapy</i> , 2014, 15, 1658-1666.	1.5	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. <i>Journal of Biological Chemistry</i> , 2014, 289, 1071-1078.	1.6	14
61	PvdP Is a Tyrosinase That Drives Maturation of the Pyoverdine Chromophore in <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 2014, 196, 2681-2690.	1.0	39
62	Crystal structures of two <i>Bacillus</i> carboxylesterases with different enantioselectivities. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 567-575.	1.1	20
63	Reducing virulence of the human pathogen <i>Burkholderia</i> by altering the substrate specificity of the quorum-quenching acylase PvdQ. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1568-1573.	3.3	65
64	Two death-inducing human TRAIL receptors to target in cancer: Similar or distinct regulation and function?. <i>Biochemical Pharmacology</i> , 2014, 91, 447-456.	2.0	53
65	<i>Deinococcus radiodurans</i> can interfere with quorum sensing by producing an AHL-acylase and an AHL-lactonase. <i>FEMS Microbiology Letters</i> , 2014, 356, 62-70.	0.7	31
66	The ER stress inducer DMC enhances TRAIL-induced apoptosis in glioblastoma. <i>SpringerPlus</i> , 2014, 3, 495.	1.2	14
67	Assessing <i>Pseudomonas</i> Virulence with Nonmammalian Host: <i>Galleria mellonella</i> . <i>Methods in Molecular Biology</i> , 2014, 1149, 681-688.	0.4	37
68	Production of $\pm$ -cuprenene in <i>Xanthophyllomyces dendrorhous</i> : a step closer to a potent terpene biofactory. <i>Microbial Cell Factories</i> , 2013, 12, 13.	1.9	29
69	<i>Caenorhabditis elegans</i> reveals novel <i>Pseudomonas aeruginosa</i> virulence mechanism. <i>Trends in Microbiology</i> , 2013, 21, 315-316.	3.5	28
70	Antibody-Free LC-MS/MS Quantification of rhTRAIL in Human and Mouse Serum. <i>Analytical Chemistry</i> , 2013, 85, 10754-10760.	3.2	22
71	Development of a dry, stable and inhalable acyl-homoserine-lactone-acylase powder formulation for the treatment of pulmonary <i>Pseudomonas aeruginosa</i> infections. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 48, 637-643.	1.9	41
72	Bacterial Enzymes., 2013, , 193-211.		0

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73	Enantioselective Synthesis of N-Substituted Aspartic Acids Using an Engineered Variant of Methylaspartate Ammonia Lyase. <i>ChemCatChem</i> , 2013, 5, 1325-1327.	1.8	21
74	Nutlin-3 preferentially sensitises wild-type p53-expressing cancer cells to DR5-selective TRAIL over rhTRAIL. <i>British Journal of Cancer</i> , 2013, 109, 2685-2695.	2.9	35
75	Choosing an Appropriate Infection Model to Study Quorum Sensing Inhibition in <i>Pseudomonas</i> Infections. <i>International Journal of Molecular Sciences</i> , 2013, 14, 19309-19340.	1.8	49
76	Kinetic Resolution and Stereoselective Synthesis of 3-Substituted Aspartic Acids by Using Engineered Methylaspartate Ammonia Lyases. <i>Chemistry - A European Journal</i> , 2013, 19, 11148-11152.	1.7	11
77	Kinetics in Signal Transduction Pathways Involving Promiscuous Oligomerizing Receptors Can Be Determined by Receptor Specificity: Apoptosis Induction by TRAIL. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.013730.	2.5	25
78	Enhancement of the enantioselectivity of carboxylesterase A by structure-based mutagenesis. <i>Journal of Biotechnology</i> , 2012, 158, 36-43.	1.9	23
79	Heterologous expression of pentalenene synthase (PSS) from <i>Streptomyces</i> UC5319 in <i>Xanthophyllomyces dendrorhous</i> . <i>Journal of Biotechnology</i> , 2012, 161, 302-307.	1.9	4
80	An Esterase with Superior Activity and Enantioselectivity towards 1,2-Isopropylidene-glycerol Esters Obtained by Protein Design. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 3009-3015.	2.1	14
81	Kinome profiling of non-canonical TRAIL signaling reveals RIP1-Src-STAT3 dependent invasion in resistant non-small cell lung cancer cells. <i>Journal of Cell Science</i> , 2012, 125, 4651-61.	1.2	57
82	Dehalogenation of an Anthropogenic Compound by an Engineered Variant of the Mouse Cytokine Macrophage Migration Inhibitory Factor. <i>ChemBioChem</i> , 2012, 13, 1270-1273.	1.3	6
83	Enhancement of the Promiscuous Aldolase and Dehydration Activities of 4-Oxalocrotonate Tautomerase by Protein Engineering. <i>ChemBioChem</i> , 2012, 13, 1274-1277.	1.3	24
84	An Unexpected Promiscuous Activity of 4-Oxalocrotonate Tautomerase: The <i>cis</i> -to- <i>trans</i> Isomerisation of Nitrostyrene. <i>ChemBioChem</i> , 2012, 13, 1869-1873.	1.3	11
85	Engineering methylaspartate ammonia lyase for the asymmetric synthesis of unnatural amino acids. <i>Nature Chemistry</i> , 2012, 4, 478-484.	6.6	77
86	The Multiple Signaling Systems Regulating Virulence in <i>Pseudomonas aeruginosa</i> . <i>Microbiology and Molecular Biology Reviews</i> , 2012, 76, 46-65.	2.9	619
87	In vitro regeneration of wild chervil ( <i>Anthriscus sylvestris</i> L.). <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2012, 48, 355-361.	0.9	9
88	Characterization of a thermostable methylaspartate ammonia lyase from <i>Carboxydotherrmus hydrogenoformans</i> . <i>Applied Microbiology and Biotechnology</i> , 2012, 94, 385-397.	1.7	13
89	Lipase A gene transcription in <i>Pseudomonas alcaligenes</i> is under control of RNA polymerase $\sigma^{54}$ and response regulator LipR. <i>FEMS Microbiology Letters</i> , 2012, 329, 146-153.	0.7	7
90	Bridging between Organocatalysis and Biocatalysis: Asymmetric Addition of Acetaldehyde to $\beta$ -Nitrostyrenes Catalyzed by a Promiscuous Proline-Based Tautomerase. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1240-1243.	7.2	85

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91	Identification of the TAK1-NF- $\kappa$ B Axis As Critical Regulator of AML Stem and Progenitor Cell Survival.. Blood, 2012, 120, 2982-2982.	0.6	0
92	Characterization of a Newly Identified Mycobacterial Tautomerase with Promiscuous Dehalogenase and Hydratase Activities Reveals a Functional Link to a Recently Diverged <i>cis</i> -3-Chloroacrylic Acid Dehalogenase. Biochemistry, 2011, 50, 2889-2899.	1.2	12
93	Seasonal Variations in the Deoxydophyllotoxin Content and Yield of <i>Anthriscus sylvestris</i> L. (Hoffm.) Crown in the Field and under Controlled Conditions. Journal of Agricultural and Food Chemistry, 2011, 59, 8132-8139.	2.4	15
94	Unraveling the Binding Mechanism of Trivalent Tumor Necrosis Factor Ligands and Their Receptors. Molecular and Cellular Proteomics, 2011, 10, M110.002808.	2.5	24
95	Targeting AML through DR4 with a novel variant of rhTRAIL. Journal of Cellular and Molecular Medicine, 2011, 15, 2216-2231.	1.6	18
96	Functional analysis of the sortase YhcS in <i>Bacillus subtilis</i> . Proteomics, 2011, 11, 3905-3913.	1.3	9
97	Systematic Screening for Catalytic Promiscuity in $\alpha$ -Oxalocrotonate Tautomerase: Enamine Formation and Aldolase Activity. ChemBioChem, 2011, 12, 602-609.	1.3	43
98	PA0305 of <i>Pseudomonas aeruginosa</i> is a quorum quenching acylhomoserine lactone acylase belonging to the Ntn hydrolase superfamily. Microbiology (United Kingdom), 2011, 157, 2042-2055.	0.7	84
99	Discovery of an <i>Escherichia coli</i> Esterase with High Activity and Enantioselectivity toward 1,2- <i>cis</i> -Isopropylidenediglycerol Esters. Applied and Environmental Microbiology, 2011, 77, 6094-6099.	1.4	30
100	Computational Design of TNF Ligand-Based Protein Therapeutics. Advances in Experimental Medicine and Biology, 2011, 691, 521-534.	0.8	2
101	Abstract 3399: Apoptosis activation by TRAIL receptor selective variants in glioblastoma (stem) cells. , 2011, , .		0
102	NF- $\kappa$ B and MCL-1 Are Important Determinants for the Effectiveness of Bortezomib In CD34+ AML Versus CD34 <sup>low</sup> AML Cells. Blood, 2011, 118, 1420-1420.	0.6	0
103	Synthetic constrained peptide selectively binds and antagonizes death receptor 5. FEBS Journal, 2010, 277, 1653-1665.	2.2	19
104	Contributions of the Pre- and Pro-Regions of a <i>Staphylococcus hyicus</i> Lipase to Secretion of a Heterologous Protein by <i>Bacillus subtilis</i> . Applied and Environmental Microbiology, 2010, 76, 659-669.	1.4	9
105	Role of PvdQ in <i>Pseudomonas aeruginosa</i> virulence under iron-limiting conditions. Microbiology (United Kingdom), 2010, 156, 49-59.	0.7	100
106	The Molecular Cloning of Dihydroartemisinic Aldehyde Reductase and its Implication in Artemisinin Biosynthesis in <i>Artemisia annua</i> . Planta Medica, 2010, 76, 1778-1783.	0.7	41
107	Molecular Cloning and Characterization of a Broad Substrate Terpenoid Oxidoreductase from <i>Artemisia annua</i> . Plant and Cell Physiology, 2010, 51, 1219-1228.	1.5	10
108	Structural and Functional Characterization of a Macrophage Migration Inhibitory Factor Homologue from the Marine Cyanobacterium <i>Prochlorococcus marinus</i> . Biochemistry, 2010, 49, 7572-7581.	1.2	20

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109	The quorum-quenching <i>N</i> -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.	3.3	124
110	The acylase PvdQ has a conserved function among fluorescent <i>Pseudomonas</i> spp.. Environmental Microbiology Reports, 2010, 2, 433-439.	1.0	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.	2.7	63
112	Reduced Coniferin and Enhanced 6-Methoxypodophyllotoxin Production in <i>Linum flavum</i> Cell Cultures. Pharmacognosy Journal, 2010, 2, 74-80.	0.3	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.	3.2	48
114	Quorum-Quenching Acylase Reduces the Virulence of <i>Pseudomonas aeruginosa</i> in a <i>Caenorhabditis elegans</i> Infection Model. Antimicrobial Agents and Chemotherapy, 2009, 53, 4891-4897.	1.4	109
115	Alteration of the Diastereoselectivity of 3-Methylaspartate Ammonia Lyase by Using Structure-Based Mutagenesis. ChemBioChem, 2009, 10, 2236-2245.	1.3	24
116	Site-directed mutagenesis, kinetic and inhibition studies of aspartate ammonia lyase from <i>Bacillus</i> sp. YM55. FEBS Journal, 2009, 276, 2994-3007.	2.2	18
117	Heterologous production of Escherichia coli penicillin G acylase in <i>Pseudomonas aeruginosa</i> . Journal of Biotechnology, 2009, 142, 250-258.	1.9	16
118	Enhancement of Antitumor Properties of rhTRAIL by Affinity Increase toward Its Death Receptors. Biochemistry, 2009, 48, 2180-2191.	1.2	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.	1.5	15
120	RGD-avidin-biotin pretargeting to $\alpha_5\beta_3$ integrin enhances the proapoptotic activity of TNF-related apoptosis inducing ligand (TRAIL). Apoptosis: an International Journal on Programmed Cell Death, 2008, 13, 225-235.	2.2	10
121	Genetic or chemical protease inhibition causes significant changes in the <i>Bacillus subtilis</i> exoproteome. Proteomics, 2008, 8, 2704-2713.	1.3	28
122	A Novel Genetic Selection System for Improved Enantioselectivity of <i>Bacillus subtilis</i> Lipase A. ChemBioChem, 2008, 9, 1110-1115.	1.3	60
123	Evaluation of Different Glutaryl Acylase Mutants to Improve the Hydrolysis of Cephalosporin C in the Absence of Hydrogen Peroxide. Advanced Synthesis and Catalysis, 2008, 350, 343-348.	2.1	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.	2.6	21
125	Loop Grafting of <i>Bacillus subtilis</i> Lipase A: Inversion of Enantioselectivity. Chemistry and Biology, 2008, 15, 782-789.	6.2	35
126	Bioconversion of Mono- and Sesquiterpenoids by Recombinant Human Cytochrome P450 Monooxygenases. Pharmaceutical Biology, 2008, 46, 710-718.	1.3	2



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127	Modulation of Thiol-Disulfide Oxidoreductases for Increased Production of Disulfide-Bond-Containing Proteins in <i>Bacillus subtilis</i> . <i>Applied and Environmental Microbiology</i> , 2008, 74, 7536-7545.	1.4	22
128	DR4-selective Tumor Necrosis Factor-related Apoptosis-inducing Ligand (TRAIL) Variants Obtained by Structure-based Design. <i>Journal of Biological Chemistry</i> , 2008, 283, 20560-20568.	1.6	56
129	Lipase Expression in <i>Pseudomonas alcaligenes</i> Is Under the Control of a Two-Component Regulatory System. <i>Applied and Environmental Microbiology</i> , 2008, 74, 1402-1411.	1.4	23
130	Essential Oil Constituents of <i>Piper cubeba</i> L. f. from Indonesia. <i>Journal of Essential Oil Research</i> , 2007, 19, 14-17.	1.3	22
131	Thiol-disulphide oxidoreductase modules in the low-GC Gram-positive bacteria. <i>Molecular Microbiology</i> , 2007, 64, 984-999.	1.2	74
132	Selection strategies for improved biocatalysts. <i>FEBS Journal</i> , 2007, 274, 2181-2195.	2.2	65
133	A highly active adiplâ€œcephalosporin acylase obtained via rational randomization. <i>FEBS Journal</i> , 2007, 274, 5600-5610.	2.2	11
134	Lignan profile of <i>Piper cubeba</i> , an Indonesian medicinal plant. <i>Biochemical Systematics and Ecology</i> , 2007, 35, 397-402.	0.6	30
135	Functional analysis of genes involved in the biosynthesis of isoprene in <i>Bacillus subtilis</i> . <i>Applied Microbiology and Biotechnology</i> , 2007, 75, 1377-1384.	1.7	93
136	Quorum-Quenching Acylases in <i>Pseudomonas aeruginosa</i> . , 2007, , 429-449.		6
137	Selection strategies for improved biocatalysts. <i>FEBS Journal</i> , 2007, .	2.2	0
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