Leif J Jnsson

List of Publications by Year in Descending Order

137 papers	6,698 citations	38 h-index	79 g-index
142 ext. papers	7,556 ext. citations	5.1 avg, IF	6.46 L-index

#	Paper	IF	Citations
137	Production of Exopolysaccharides by Cultivation of Halotolerant Bacillus atrophaeus BU4 in Glucose- and Xylose-Based Synthetic Media and in Hydrolysates of Quinoa Stalks. *Fermentation*, **2022**, 8, 79	4.7	
136	Hydrothermal Pretreatment of Lignocellulosic Feedstocks to Facilitate Biochemical Conversion.. *Frontiers in Bioengineering and Biotechnology*, **2022**, 10, 846592	5.8	2
135	Hydrothermal Pretreatment of Wheat Straw: Effects of Temperature and Acidity on Byproduct Formation and Inhibition of Enzymatic Hydrolysis and Ethanolic Fermentation. *Agronomy*, **2021**, 11, 487	3.6	11
134	The impact of using different wood qualities and wood species on chips produced using a novel type of pilot drum chipper. *Nordic Pulp and Paper Research Journal*, **2021**, 36, 214-226	1.1	
133	Factors Affecting Detoxification of Softwood Enzymatic Hydrolysates Using Sodium Dithionite. *Processes*, **2021**, 9, 887	2.9	1
132	Hydrothermal Pretreatment of Water-Extracted and Aqueous Ethanol-Extracted Quinoa Stalks for Enzymatic Saccharification of Cellulose. *Energies*, **2021**, 14, 4102	3.1	2
131	Effects of redox environment on hydrothermal pretreatment of lignocellulosic biomass under acidic conditions. *Bioresource Technology*, **2021**, 319, 124211	11	14
130	Effects of operational conditions on auto-catalyzed and sulfuric-acid-catalyzed hydrothermal pretreatment of sugarcane bagasse at different severity factor. *Industrial Crops and Products*, **2021**, 159, 113077	5.9	17
129	Overexpression of vesicle-associated membrane protein PttVAP27-17 as a tool to improve biomass production and the overall saccharification yields in Populus trees. *Biotechnology for Biofuels*, **2021**, 14, 43	7.8	4
128	The effects of chemical and structural factors on the enzymatic saccharification of Eucalyptus sp. samples pre-treated by various technologies. *Industrial Crops and Products*, **2021**, 166, 113449	5.9	5
127	Saccharification Potential of Transgenic Greenhouse- and Field-Grown Aspen Engineered for Reduced Xylan Acetylation. *Frontiers in Plant Science*, **2021**, 12, 704960	6.2	1
126	Fluorescence Lifetime Imaging as an In Situ and Label-Free Readout for the Chemical Composition of Lignin. *ACS Sustainable Chemistry and Engineering*, **2021**, 9, 17381-17392	8.3	1
125	Evaluation of chipping and impregnation of Scots pine heartwood with sulfite cooking liquor. *SN Applied Sciences*, **2020**, 2, 1	1.8	
124	Hybrid Aspen Expressing a Carbohydrate Esterase Family 5 Acetyl Xylan Esterase Under Control of a Wood-Specific Promoter Shows Improved Saccharification. *Frontiers in Plant Science*, **2020**, 11, 380	6.2	8
123	Effects of Biosurfactants on Enzymatic Saccharification and Fermentation of Pretreated Softwood. *Molecules*, **2020**, 25,	4.8	7
122	New drum-chipping technology for a more uniform size distribution of wood chips. *Holzforschung*, **2020**, 74, 116-122	2	4
121	Comparison of productivity and quality of bacterial nanocellulose synthesized using culture media based on seven sugars from biomass. *Microbial Biotechnology*, **2019**, 12, 677-687	6.3	18

120	Performance of nanocellulose-producing bacterial strains in static and agitated cultures with different starting pH. *Carbohydrate Polymers*, **2019**, 215, 280-288	10.3	13
119	Dilute-sulfuric acid pretreatment of de-starched cassava stems for enhancing the enzymatic convertibility and total glucan recovery. *Industrial Crops and Products*, **2019**, 132, 301-310	5.9	10
118	Evaluation of novel drum chipper technology: pilot-scale production of short wood chips. *Tappi Journal*, **2019**, 18, 585-592	0.5	1
117	Energy-efficient substrate pasteurisation for combined production of shiitake mushroom (Lentinula edodes) and bioethanol. *Bioresource Technology*, **2019**, 274, 65-72	11	18
116	Formation of microbial inhibitors in steam-explosion pretreatment of softwood impregnated with sulfuric acid and sulfur dioxide. *Bioresource Technology*, **2018**, 262, 242-250	11	20
115	Chemical and structural factors influencing enzymatic saccharification of wood from aspen, birch and spruce. *Biomass and Bioenergy*, **2018**, 109, 125-134	5.3	39
114	A multi-omics approach reveals function of Secretory Carrier-Associated Membrane Proteins in wood formation of Populus trees. *BMC Genomics*, **2018**, 19, 11	4.5	18
113	Downregulating aspen xylan biosynthetic GT43 genes in developing wood stimulates growth via reprograming of the transcriptome. *New Phytologist*, **2018**, 219, 230-245	9.8	20
112	Effects of impregnation of softwood with sulfuric acid and sulfur dioxide on chemical and physical characteristics, enzymatic digestibility, and fermentability. *Bioresource Technology*, **2018**, 247, 200-208	11	34
111	Comparison of catalytically non-productive adsorption of fungal proteins to lignins and pseudo-lignin using isobaric mass tagging. *Bioresource Technology*, **2018**, 268, 393-401	11	14
110	Engineering Non-cellulosic Polysaccharides of Wood for the Biorefinery. *Frontiers in Plant Science*, **2018**, 9, 1537	6.2	22
109	Analytical Enzymatic Saccharification of Lignocellulosic Biomass for Conversion to Biofuels and Bio-Based Chemicals. *Energies*, **2018**, 11, 2936	3.1	40
108	Scale-up of production of bacterial nanocellulose using submerged cultivation. *Journal of Chemical Technology and Biotechnology*, **2018**, 93, 3418-3427	3.5	22
107	Downregulation of RWA genes in hybrid aspen affects xylan acetylation and wood saccharification. *New Phytologist*, **2017**, 214, 1491-1505	9.8	30
106	Cytosolic invertase contributes to the supply of substrate for cellulose biosynthesis in developing wood. *New Phytologist*, **2017**, 214, 796-807	9.8	32
105	Enhancing saccharification of cassava stems by starch hydrolysis prior to pretreatment. *Industrial Crops and Products*, **2017**, 97, 21-31	5.9	38
104	Comparison of [HSO], [Cl] and [MeCO] as anions in pretreatment of aspen and spruce with imidazolium-based ionic liquids. *BMC Biotechnology*, **2017**, 17, 82	3.5	9
103	Profiling of Saccharomyces cerevisiae transcription factors for engineering the resistance of yeast to lignocellulose-derived inhibitors in biomass conversion. *Microbial Cell Factories*, **2017**, 16, 199	6.4	17

102	Comparison of tolerance of four bacterial nanocellulose-producing strains to lignocellulose-derived inhibitors. *Microbial Cell Factories*, **2017**, 16, 229	6.4	10
101	Comparison of laccase-catalyzed cross-linking of organosolv lignin and lignosulfonates. *International Journal of Biological Macromolecules*, **2017**, 105, 438-446	7.9	12
100	A collection of genetically engineered Populus trees reveals wood biomass traits that predict glucose yield from enzymatic hydrolysis. *Scientific Reports*, **2017**, 7, 15798	4.9	19
99	deacetylation of xylan affects lignin properties and improves saccharification of aspen wood. *Biotechnology for Biofuels*, **2017**, 10, 98	7.8	31
98	Bioconversion of Waste Fiber Sludge to Bacterial Nanocellulose and Use for Reinforcement of CTMP Paper Sheets. *Polymers*, **2017**, 9,	4.5	20
97	Biochemical Conversion of Torrefied Norway Spruce After Pretreatment with Acid or Ionic Liquid. *Bioenergy Research*, **2016**, 9, 355-368	3.1	25
96	Pretreatment of lignocellulose: Formation of inhibitory by-products and strategies for minimizing their effects. *Bioresource Technology*, **2016**, 199, 103-112	11	1171
95	Using in situ nanocellulose-coating technology based on dynamic bacterial cultures for upgrading conventional biomedical materials and reinforcing nanocellulose hydrogels. *Biotechnology Progress*, **2016**, 32, 1077-84	2.8	8
94	Production of bacterial nanocellulose and enzyme from [AMIM]Cl-pretreated waste cotton fabrics: effects of dyes on enzymatic saccharification and nanocellulose production. *Journal of Chemical Technology and Biotechnology*, **2016**, 91, 1413-1421	3.5	23
93	Techno-economic evaluation of conditioning with sodium sulfite for bioethanol production from softwood. *Bioresource Technology*, **2015**, 196, 129-35	11	11
92	Expression of a fungal glucuronoyl esterase in Populus: effects on wood properties and saccharification efficiency. *Phytochemistry*, **2015**, 112, 210-20	4	44
91	Ozone detoxification of steam-pretreated Norway spruce. *Biotechnology for Biofuels*, **2015**, 8, 196	7.8	6
90	Identification of benzoquinones in pretreated lignocellulosic feedstocks and inhibitory effects on yeast. *AMB Express*, **2015**, 5, 62	4.1	15
89	Identification of Small Aliphatic Aldehydes in Pretreated Lignocellulosic Feedstocks and Evaluation of Their Inhibitory Effects on Yeast. *Journal of Agricultural and Food Chemistry*, **2015**, 63, 9747-54	5.7	20
88	Aspen pectate lyase PtxtPL1-27 mobilizes matrix polysaccharides from woody tissues and improves saccharification yield. *Biotechnology for Biofuels*, **2014**, 7, 11	7.8	56
87	Tolerance of the nanocellulose-producing bacterium Gluconacetobacter xylinus to lignocellulose-derived acids and aldehydes. *Journal of Agricultural and Food Chemistry*, **2014**, 62, 9792-9	5.7	14
86	Production of cellulosic ethanol and enzyme from waste fiber sludge using SSF, recycling of hydrolytic enzymes and yeast, and recombinant cellulase-producing Aspergillus niger. *Journal of Industrial Microbiology and Biotechnology*, **2014**, 41, 1191-200	4.2	11
85	Analysis, pretreatment and enzymatic saccharification of different fractions of Scots pine. *BMC Biotechnology*, **2014**, 14, 20	3.5	28

84	Evaluation of four ionic liquids for pretreatment of lignocellulosic biomass. *BMC Biotechnology*, **2014**, 14, 34	3.5	42
83	Effects of aromatic compounds on the production of bacterial nanocellulose by Gluconacetobacter xylinus. *Microbial Cell Factories*, **2014**, 13, 62	6.4	24
82	Extruded polymer films for optimal enzyme-catalyzed oxygen scavenging. *Chemical Engineering Science*, **2014**, 108, 1-8	4.4	7
81	Evaluation of Oxalate Decarboxylases in Industrial Bleaching Filtrates and in Pulp-Mill Experiments. *Industrial Biotechnology*, **2014**, 10, 126-129	1.3	2
80	Comparison of lignin derivatives as substrates for laccase-catalyzed scavenging of oxygen in coatings and films. *Journal of Biological Engineering*, **2014**, 8, 1	6.3	42
79	Production of bacterial cellulose and enzyme from waste fiber sludge. *Biotechnology for Biofuels*, **2013**, 6, 25	7.8	90
78	Bioconversion of lignocellulose: inhibitors and detoxification. *Biotechnology for Biofuels*, **2013**, 6, 16	7.8	875
77	Adsorption of proteins involved in hydrolysis of lignocellulose on lignins and hemicelluloses. *Bioresource Technology*, **2013**, 148, 70-7	11	104
76	Comparison of methods for detoxification of spruce hydrolysate for bacterial cellulose production. *Microbial Cell Factories*, **2013**, 12, 93	6.4	70
75	Detoxification of lignocellulosic hydrolysates using sodium borohydride. *Bioresource Technology*, **2013**, 136, 368-76	11	83
74	Engineering Aspects of Bioethanol Synthesis. *Advances in Chemical Engineering*, **2013**, 42, 1-73	0.6	3
73	Enzymatic hydrolysis of Norway spruce and sugarcane bagasse after treatment with 1-allyl-3-methylimidazolium formate. *Journal of Chemical Technology and Biotechnology*, **2013**, 88, 2209-2215	3.5	8
72	Co-immobilization of oxalate oxidase and catalase in films for scavenging of oxygen or oxalic acid. *Biochemical Engineering Journal*, **2013**, 72, 96-101	4.2	17
71	The effects of coating structure and water-holding capacity on the oxygen-scavenging ability of enzymes embedded in the coating layer. *Tappi Journal*, **2013**, 12, 43-52	0.5	3
70	Bacterial cellulose production from cotton-based waste textiles: enzymatic saccharification enhanced by ionic liquid pretreatment. *Bioresource Technology*, **2012**, 104, 503-8	11	156
69	Oxygen-scavenging coatings and films based on lignosulfonates and laccase. *Journal of Biotechnology*, **2012**, 161, 14-8	3.7	25
68	Comparative proteome analysis of Saccharomyces cerevisiae: a global overview of in vivo targets of the yeast activator protein 1. *BMC Genomics*, **2012**, 13, 230	4.5	19
67	Oxalate decarboxylase of Trametes versicolor: biochemical characterization and performance in bleaching filtrates from the pulp and paper industry. *Journal of Chemical Technology and Biotechnology*, **2012**, 87, 1600-1606	3.5	3

66	Evaluation of the potential of fungal and plant laccases for active-packaging applications. *Journal of Agricultural and Food Chemistry*, **2011**, 59, 5390-5	5.7	11
65	Coating: Oxygen scavenging enzymes in coatings Effect of coating procedures on enzyme activity. *Nordic Pulp and Paper Research Journal*, **2011**, 26, 197-204	1.1	13
64	Effects of ionic substances in bleaching filtrates and of lignosulfonates on the activity of oxalate oxidase from barley. *Engineering in Life Sciences*, **2011**, 11, 245-252	3.4	2
63	Biorefining of wood: combined production of ethanol and xylanase from waste fiber sludge. *Journal of Industrial Microbiology and Biotechnology*, **2011**, 38, 891-9	4.2	13
62	Enzyme production by filamentous fungi: analysis of the secretome of Trichoderma reesei grown on unconventional carbon source. *Microbial Cell Factories*, **2011**, 10, 68	6.4	83
61	Effect of sulfur oxyanions on lignocellulose-derived fermentation inhibitors. *Biotechnology and Bioengineering*, **2011**, 108, 2592-9	4.9	33
60	Improving the fermentability of enzymatic hydrolysates of lignocellulose through chemical in-situ detoxification with reducing agents. *Bioresource Technology*, **2011**, 102, 1254-63	11	112
59	Reducing agents improve enzymatic hydrolysis of cellulosic substrates in the presence of pretreatment liquid. *Journal of Biotechnology*, **2011**, 155, 244-50	3.7	21
58	Evaluation of oxalate decarboxylase and oxalate oxidase for industrial applications. *Applied Biochemistry and Biotechnology*, **2010**, 161, 255-63	3.2	19
57	Identification of Saccharomyces cerevisiae genes involved in the resistance to phenolic fermentation inhibitors. *Applied Biochemistry and Biotechnology*, **2010**, 161, 106-15	3.2	31
56	Overexpression of Saccharomyces cerevisiae transcription factor and multidrug resistance genes conveys enhanced resistance to lignocellulose-derived fermentation inhibitors. *Process Biochemistry*, **2010**, 45, 264-271	4.8	57
55	Cellulase production from spent lignocellulose hydrolysates by recombinant Aspergillus niger. *Applied and Environmental Microbiology*, **2009**, 75, 2366-74	4.8	41
54	Oxidation of the erythro and threo forms of the phenolic lignin model compound 1-(4-hydroxy-3-methoxyphenyl)-2-(2-methoxyphenoxy)-1,3-propanediol by laccases and model oxidants. *Bioorganic Chemistry*, **2009**, 37, 143-8	5.1	18
53	Enzymatic conversion of epigallocatechin gallate to epigallocatechin with an inducible hydrolase from Aspergillus niger. *Biocatalysis and Biotransformation*, **2008**, 26, 306-312	2.5	8
52	Diastereomer selectivity in the degradation of a lignin model compound of the arylglycerol aryl ether type by white-rot fungi. *Enzyme and Microbial Technology*, **2008**, 43, 199-204	3.8	10
51	Enzyme-based control of oxalic acid in the pulp and paper industry. *Enzyme and Microbial Technology*, **2008**, 43, 78-83	3.8	21
50	Preparation of a PET-Hydrolyzing Lipase from Aspergillus oryzae by the Addition of Bis(2-hydroxyethyl) Terephthalate to the Culture Medium and Enzymatic Modification of PET Fabrics. *Engineering in Life Sciences*, **2008**, 8, 268-276	3.4	30
49	Dilute Sulfuric Acid Pretreatment of Agricultural and Agro-Industrial Residues for Ethanol Production **2007**, 339-352		4

48	Adaptation of a recombinant xylose-utilizing Saccharomyces cerevisiae strain to a sugarcane bagasse hydrolysate with high content of fermentation inhibitors. *Bioresource Technology*, **2007**, 98, 1767-73	11	134
47	Differences in stereo-preference in the oxidative degradation of diastereomers of the lignin model compound 1-(3,4-dimethoxyphenyl)-2-(2-methoxyphenoxy)-1,3-propanediol with enzymic and non-enzymic oxidants. *Journal of Molecular Catalysis B: Enzymatic*, **2007**, 45, 21-26		25
46	The potential in bioethanol production from waste fiber sludges in pulp mill-based biorefineries. *Applied Biochemistry and Biotechnology*, **2007**, 137-140, 327-37	3.2	9
45	Dilute sulfuric acid pretreatment of agricultural and agro-industrial residues for ethanol production. *Applied Biochemistry and Biotechnology*, **2007**, 137-140, 339-52	3.2	41
44	The Potential in Bioethanol Production From Waste Fiber Sludges in Pulp Mill-Based Biorefineries **2007**, 327-337		
43	Optimal Conditions for Alkaline Detoxification of Dilute-Acid Lignocellulose Hydrolysates **2006**, 599-611		
42	Heterologous Expression of Trametes versicolor Laccase in Pichia pastoris and Aspergillus niger **2006**, 195-214		4
41	Heterologous expression of Trametes versicolor laccase in Pichia pastoris and Aspergillus niger. *Applied Biochemistry and Biotechnology*, **2006**, 129, 195-214	3.2	39
40	Oxidation capacity of laccases and peroxidases as reflected in experiments with methoxy-substituted benzyl alcohols. *Applied Biochemistry and Biotechnology*, **2006**, 129-132, 303-19	3.2	15
39	Optimal conditions for alkaline detoxification of dilute-acid lignocellulose hydrolysates. *Applied Biochemistry and Biotechnology*, **2006**, 129-132, 599-611	3.2	56
38	Oxidation Capacity of Laccases and Peroxidases as Reflected in Experiments With Methoxy-Substituted Benzyl Alcohols **2006**, 303-319		
37	Ammonium hydroxide detoxification of spruce acid hydrolysates. *Applied Biochemistry and Biotechnology*, **2005**, 121-124, 911-22	3.2	42
36	Critical conditions for improved fermentability during overliming of acid hydrolysates from spruce. *Applied Biochemistry and Biotechnology*, **2005**, 121-124, 1031-44	3.2	33
35	Product profiles in enzymic and non-enzymic oxidations of the lignin model compound erythro-1-(3,4-dimethoxyphenyl)-2-(2-methoxyphenoxy)-1,3-propanediol. *Journal of Molecular Catalysis B: Enzymatic*, **2005**, 35, 100-107		15
34	Critical Conditions for Improved Fermentability During Overliming of Acid Hydrolysates from Spruce **2005**, 1031-1044		4
33	Ammonium Hydroxide Detoxification of Spruce Acid Hydrolysates **2005**, 911-922		5
32	Selection of anion exchangers for detoxification of dilute-acid hydrolysates from spruce. *Applied Biochemistry and Biotechnology*, **2004**, 113-116, 525-38	3.2	23
31	Heterologous expression of barley and wheat oxalate oxidase in an E. coli trxB gor double mutant. *Journal of Biotechnology*, **2004**, 109, 53-62	3.7	15

30	Selection of Anion Exchangers for Detoxification of Dilute-Acid Hydrolysates from Spruce **2004**, 525-538		1
29	Limits for alkaline detoxification of dilute-acid lignocellulose hydrolysates. *Applied Biochemistry and Biotechnology*, **2003**, 105 -108, 615-28	3.2	56
28	Treatment of Pulp and Paper Industry Process Waters with Oxalate Oxidase: Compounds Interfering with the Activity. *ACS Symposium Series*, **2003**, 81-92	0.4	6
27	Comparison of the resistance of industrial and laboratory strains of Saccharomyces and Zygosaccharomyces to lignocellulose-derived fermentation inhibitors. *Enzyme and Microbial Technology*, **2003**, 32, 386-395	3.8	124
26	Rapid and convenient determination of oxalic acid employing a novel oxalate biosensor based on oxalate oxidase and SIRE technology. *Biosensors and Bioelectronics*, **2003**, 18, 1173-81	11.8	30
25	Generation of the improved recombinant xylose-utilizing Saccharomyces cerevisiae TMB 3400 by random mutagenesis and physiological comparison with Pichia stipitis CBS 6054. *FEMS Yeast Research*, **2003**, 3, 319-26	3.1	117
24	Molecular analysis of a Saccharomyces cerevisiae mutant with improved ability to utilize xylose shows enhanced expression of proteins involved in transport, initial xylose metabolism, and the pentose phosphate pathway. *Applied and Environmental Microbiology*, **2003**, 69, 740-6	4.8	96
23	Limits for Alkaline Detoxification of Dilute-Acid Lignocellulose Hydrolysates **2003**, 615-628		0
22	Fermentation strategies for improved heterologous expression of laccase in Pichia pastoris. *Biotechnology and Bioengineering*, **2002**, 79, 438-49	4.9	158
21	Supercritical fluid extraction of a lignocellulosic hydrolysate of spruce for detoxification and to facilitate analysis of inhibitors. *Biotechnology and Bioengineering*, **2002**, 79, 694-700	4.9	43
20	Ethanol production from enzymatic hydrolysates of sugarcane bagasse using recombinant xylose-utilising Saccharomyces cerevisiae. *Enzyme and Microbial Technology*, **2002**, 31, 274-282	3.8	211
19	Preparation of hydrolysates from tobacco stalks and ethanolic fermentation by Saccharomyces cerevisiae. *World Journal of Microbiology and Biotechnology*, **2002**, 18, 857-862	4.4	13
18	Treatment with lignin residue: a novel method for detoxification of lignocellulose hydrolysates. *Applied Biochemistry and Biotechnology*, **2002**, 98-100, 563-75	3.2	17
17	Comparison of the fermentability of enzymatic hydrolyzates of sugarcane bagasse pretreated by steam explosion using different impregnating agents. *Applied Biochemistry and Biotechnology*, **2002** , 98-100, 699-716	3.2	113
16	Effect of different forms of alkali treatment on specific fermentation inhibitors and on the fermentability of lignocellulose hydrolysates for production of fuel ethanol. *Journal of Agricultural and Food Chemistry*, **2002**, 50, 5318-25	5.7	116
15	Treatment with Lignin Residue **2002**, 563-575		1
14	Comparison of the Fermentability of Enzymatic Hydrolyzates of Sugarcane Bagasse Pretreated by Steam Explosion Using Different Impregnating Agents **2002**, 699-716		5
13	Detoxification of lignocellulose hydrolysates with ion-exchange resins. *Applied Biochemistry and Biotechnology*, **2001**, 91-93, 35-49	3.2	149

12	Metabolic engineering of Saccharomyces cerevisiae for xylose utilization. *Advances in Biochemical Engineering/Biotechnology*, **2001**, 73, 53-84	1.7	86
11	Detoxification of Lignocellulose Hydrolysates with Ion-Exchange Resins **2001**, 35-49		4
10	Influence of lignocellulose-derived aromatic compounds on oxygen-limited growth and ethanolic fermentation by Saccharomyces cerevisiae. *Applied Biochemistry and Biotechnology*, **2000**, 84-86, 617-32	3.2	183
9	Influence of Lignocellulose-Derived Aromatic Compounds on Oxygen-Limited Growth and Ethanolic Fermentation by Saccharomyces cerevisiae **2000**, 617-632		10
8	Comparison of different methods for the detoxification of lignocellulose hydrolyzates of spruce. *Applied Biochemistry and Biotechnology*, **1999**, 77, 91-104	3.2	376
7	Characterization of a laccase gene from the white-rot fungus Trametes versicolor and structural features of basidiomycete laccases. *BBA - Proteins and Proteomics*, **1995**, 1251, 210-5		77
6	Tandem lignin peroxidase genes of the fungus Trametes versicolor. *Biochimica Et Biophysica Acta Gene Regulatory Mechanisms*, **1994**, 1218, 408-12		15
5	A novel type of peroxidase gene from the white-rot fungus Trametes versicolor. *BBA - Proteins and Proteomics*, **1994**, 1207, 255-9		21
4	Stereospecificity in enzymic and non-enzymic oxidation of beta-O-4 lignin model compounds. *FEBS Letters*, **1990**, 276, 45-8	3.8	16
3	Trametes versicolor ligninase: isozyme sequence homology and substrate specificity. *FEBS Letters*, **1989**, 247, 143-6	3.8	21
2	Purification of Ligninase Isozymes from the White-Rot Fungus Trametes versicolor.. *Acta Chemica Scandinavica*, **1987**, 41b, 766-769		55
1	Identification of genetic markers and wood properties that predict wood biorefinery potential in aspen bioenergy feedstock (Populus tremula)		1