

Hideo Ohkawa

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127
papers

3,703
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35
h-index

54
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128
ext. papers

3,864
ext. citations

4
avg, IF

4.57
L-index

#	Paper	IF	Citations
127	Expression of rat liver cytochrome P-450MC cDNA in <i>Saccharomyces cerevisiae</i> . <i>DNA and Cell Biology</i> , 1985 , 4, 203-10		222
126	Production of tropane alkaloids by hairy root cultures of <i>Duboisia leichhardtii</i> transformed by <i>Agrobacterium rhizogenes</i> . <i>Plant Science</i> , 1989 , 59, 191-201	5.3	140
125	Nucleotide sequence of a full-length cDNA coding for 3-methylcholanthrene-induced rat liver cytochrome P-450MC. <i>Nucleic Acids Research</i> , 1984 , 12, 2929-38	20.1	133
124	A genetically engineered P450 monooxygenase: construction of the functional fused enzyme between rat cytochrome P450c and NADPH-cytochrome P450 reductase. <i>DNA and Cell Biology</i> , 1987 , 6, 189-97		107
123	Production of tropane alkaloids by hairy root cultures of <i>Scopolia japonica</i> . <i>Agricultural and Biological Chemistry</i> , 1986 , 50, 2715-2722		105
122	Phytoremediation of the herbicides atrazine and metolachlor by transgenic rice plants expressing human CYP1A1, CYP2B6, and CYP2C19. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 2985-91	5.7	89
121	Expression of bovine cytochrome P450c21 and its fused enzymes with yeast NADPH-cytochrome P450 reductase in <i>Saccharomyces cerevisiae</i> . <i>DNA and Cell Biology</i> , 1990 , 9, 603-14	3.6	85
120	Regeneration of horseradish hairy roots incited by <i>Agrobacterium rhizogenes</i> infection. <i>Plant Cell Reports</i> , 1987 , 6, 283-6	5.1	81
119	Primary structure of <i>Saccharomyces cerevisiae</i> NADPH-cytochrome P450 reductase deduced from nucleotide sequence of its cloned gene. <i>Journal of Biochemistry</i> , 1988 , 103, 1004-10	3.1	80
118	Kinetic studies on a genetically engineered fused enzyme between rat cytochrome P4501A1 and yeast NADPH-P450 reductase. <i>Biochemistry</i> , 1994 , 33, 4933-9	3.2	74
117	Expression of rat NADPH-cytochrome P-450 reductase cDNA in <i>Saccharomyces cerevisiae</i> . <i>DNA and Cell Biology</i> , 1986 , 5, 1-10		71
116	Enzymatic mechanisms and toxicological significance of hydrogen cyanide liberation from various organothiocyanates and organonitriles in mice and houseflies. <i>Pesticide Biochemistry and Physiology</i> , 1972 , 2, 95-112	4.9	71
115	Genetically engineered P450 monooxygenases: construction of bovine P450c17/yeast reductase fused enzymes. <i>DNA and Cell Biology</i> , 1990 , 9, 27-36	3.6	69
114	Genetically engineered modification of P450 monooxygenases: functional analysis of the amino-terminal hydrophobic region and hinge region of the P450/reductase fused enzyme. <i>DNA and Cell Biology</i> , 1988 , 7, 701-11		64
113	Expression in <i>Saccharomyces cerevisiae</i> of chimeric cytochrome P450 cDNAs constructed from cDNAs for rat cytochrome P450c and P450d. <i>DNA and Cell Biology</i> , 1987 , 6, 31-9		62
112	Sulfoxidation of thiocarbamate herbicides and metabolism of thiocarbamate sulfoxides in living mice and liver enzyme systems. <i>Pesticide Biochemistry and Physiology</i> , 1975 , 5, 1-11	4.9	62
111	Expression of cloned yeast NADPH-cytochrome P450 reductase gene in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biochemistry</i> , 1990 , 108, 859-65	3.1	61

110	Herbicide resistance in transgenic plants with mammalian P450 monooxygenase genes. <i>Pest Management Science</i> , 2005 , 61, 286-91	4.6	60
109	Expression of bovine cytochrome P450c17 cDNA in <i>Saccharomyces cerevisiae</i> . <i>DNA and Cell Biology</i> , 1989 , 8, 409-18		55
108	Herbicide resistance of transgenic rice plants expressing human CYP1A1. <i>Biotechnology Advances</i> , 2007 , 25, 75-84	17.8	54
107	Metabolism of Herbicides and Other Chemicals in Human Cytochrome P450 Species and in Transgenic Potato Plants Co-Expressing Human CYP1A1, CYP2B6 and CYP2C19. <i>Journal of Pesticide Sciences</i> , 2001 , 26, 28-40	2.7	53
106	CYP78A1 preferentially expressed in developing inflorescences of <i>Zea mays</i> encoded a cytochrome P450-dependent lauric acid 12-monooxygenase. <i>Bioscience, Biotechnology and Biochemistry</i> , 2000 , 64, 1696-701	2.1	51
105	Molecular cloning and sequence analysis of full-length cDNA for rabbit liver NADPH-cytochrome P-450 reductase mRNA. <i>Journal of Biochemistry</i> , 1986 , 100, 945-54	3.1	49
104	Comparison of inhibitory activity of various organophosphorus compounds against acetylcholinesterase and neurotoxic esterase of hens with respect to delayed neurotoxicity. <i>Biochemical Pharmacology</i> , 1980 , 29, 2721-7	6	47
103	Metabolism of Fenvalerate (Sumicidin) in Rats. <i>Journal of Pesticide Sciences</i> , 1979 , 4, 143-155	2.7	45
102	Molecular Cloning of Novel Cytochrome P450 Species Induced by Chemical Treatments in Cultured Tobacco Cells. <i>Pesticide Biochemistry and Physiology</i> , 2000 , 68, 11-25	4.9	43
101	Herbicide Metabolism and Cross-Tolerance in Transgenic Potato Plants Co-Expressing Human CYP1A1, CYP2B6, and CYP2C19. <i>Pesticide Biochemistry and Physiology</i> , 2000 , 66, 116-129	4.9	41
100	Nucleotide sequence of the insecticidal protein gene of <i>Bacillus thuringiensis</i> strain aizawai IPL7 and its high-level expression in <i>Escherichia coli</i> . <i>Gene</i> , 1987 , 53, 113-9	3.8	41
99	Characterization of rat cytochrome P-450MC synthesized in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biochemistry</i> , 1985 , 98, 167-75	3.1	39
98	Transgenic rice containing human CYP2B6 detoxifies various classes of herbicides. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 3461-7	5.7	38
97	Herbicide Metabolism and Cross-Tolerance in Transgenic Potato Plants Expressing Human CYP1A1. <i>Pesticide Biochemistry and Physiology</i> , 1999 , 64, 33-46	4.9	38
96	Organization and characterization of the virCD genes from <i>Agrobacterium rhizogenes</i> . <i>Molecular Genetics and Genomics</i> , 1988 , 213, 229-37		37
95	Transgenic rice plants expressing human CYP1A1 remediate the triazine herbicides atrazine and simazine. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 8557-64	5.7	36
94	Enhanced herbicide cross-tolerance in transgenic rice plants co-expressing human CYP1A1, CYP2B6, and CYP2C19. <i>Plant Science</i> , 2005 , 168, 773-781	5.3	36
93	Transgenic rice plants expressing human p450 genes involved in xenobiotic metabolism for phytoremediation. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2008 , 15, 212-9	0.9	35

92	Bioaccumulation and Biodegradation of the (S)-Acid Isomer of Fenvalerate (Sumicidin β) in an Aquatic Model Ecosystem. <i>Journal of Pesticide Sciences</i> , 1980 , 5, 11-22	2.7	35
91	The use of cytochrome P450 genes to introduce herbicide tolerance in crops: a review. <i>Pest Management Science</i> , 1999 , 55, 867-874		33
90	Expression of rat liver vitamin D3 25-hydroxylase cDNA in <i>Saccharomyces cerevisiae</i> . <i>FEBS Letters</i> , 1991 , 280, 367-70	3.8	33
89	Immobilization of P450 monooxygenase and chloroplast for use in light-driven bioreactors. <i>Journal of Bioscience and Bioengineering</i> , 1999 , 87, 793-7	3.3	32
88	Infection of turnip and radish storage roots with <i>Agrobacterium rhizogenes</i> . <i>Plant Cell Reports</i> , 1985 , 4, 74-7	5.1	32
87	Transgenic rice plants expressing human CYP1A1 exude herbicide metabolites from their roots. <i>Plant Science</i> , 2003 , 165, 373-381	5.3	31
86	A general method to select antibody fragments suitable for noncompetitive detection of monovalent antigens. <i>Analytical Chemistry</i> , 2003 , 75, 4057-64	7.8	30
85	Bioconversion using immobilized recombinant flocculent yeast cells carrying a fused enzyme gene in an 'intelligent' bioreactor. <i>Biochemical Engineering Journal</i> , 1998 , 2, 229-235	4.2	29
84	Phytoremediation of metolachlor by transgenic rice plants expressing human CYP2B6. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 9155-60	5.7	28
83	Herbicide Metabolism and Tolerance in the Transgenic Rice Plants Expressing Human CYP2C9 and CYP2C19. <i>Pesticide Biochemistry and Physiology</i> , 2001 , 71, 156-169	4.9	28
82	Engineering and biochemical characterization of the rat microsomal cytochrome P450A1 fused to ferredoxin and ferredoxin-NADP(+) reductase from plant chloroplasts. <i>BBA - Proteins and Proteomics</i> , 1999 , 1433, 87-102		27
81	Expression of bovine adrenodoxin and NADPH-adrenodoxin reductase cDNAs in <i>Saccharomyces cerevisiae</i> . <i>DNA and Cell Biology</i> , 1991 , 10, 613-21	3.6	27
80	Characterization of three forms of cytochrome P-450 isolated from liver microsomes of rats treated with 3-methylcholanthrene. <i>Journal of Biochemistry</i> , 1984 , 96, 117-26	3.1	27
79	Metabolism of the Herbicide Chlortoluron in Transgenic Tobacco Plants Expressing the Fused Enzyme between Rat Cytochrome P450A1 and Yeast NADPH-Cytochrome P450 Oxidoreductase. <i>Pesticide Biochemistry and Physiology</i> , 1996 , 54, 190-198	4.9	26
78	Comparative Metabolism of Fenvalerate and the [2S, β]-Isomer in Rats and Mice. <i>Journal of Pesticide Sciences</i> , 1981 , 6, 317-326	2.7	26
77	Molecular Mechanisms of Herbicide Resistance with Special Emphasis on Cytochrome P450 Monooxygenases.. <i>Plant Biotechnology</i> , 1998 , 15, 173-176	1.3	25
76	Electrostatic interaction between cytochrome P450 and NADPH-P450 reductase: comparison of mixed and fused systems consisting of rat cytochrome P450 1A1 and yeast NADPH-P450 reductase. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 257, 273-8	3.4	25
75	A monoclonal antibody-based ELISA for the analysis of the insecticide flucythrinate in environmental and crop samples. <i>Pest Management Science</i> , 2001 , 57, 269-77	4.6	24

74	Expression of human cytochromes P450 1A1 and P450 1A2 as fused enzymes with yeast NADPH-cytochrome P450 oxidoreductase in transgenic tobacco plants. <i>Bioscience, Biotechnology and Biochemistry</i> , 2000 , 64, 2025-33	2.1	24
73	Monooxygenase activity of <i>Saccharomyces cerevisiae</i> cells transformed with expression plasmids carrying rat cytochrome P-450MC cDNA. <i>Journal of Biochemistry</i> , 1986 , 99, 741-9	3.1	24
72	Stereoselectivity in metabolism of the optical isomers of cyanofenphos (O-p-cyanophenyl O-ethyl phenylphosphonothioate) in rats and liver microsomes.. <i>Agricultural and Biological Chemistry</i> , 1977 , 41, 369-376		24
71	Molecular and immunochemical characteristics of monoclonal and recombinant antibodies specific to bisphenol A. <i>Bioscience, Biotechnology and Biochemistry</i> , 2003 , 67, 1358-67	2.1	23
70	Continuous production of scopolamine by a culture of <i>Duboisia leichhardtii</i> hairy root clone in a bioreactor system. <i>Applied Microbiology and Biotechnology</i> , 1993 , 40, 219	5.7	23
69	Aryl hydrocarbon receptor (AhR)-mediated reporter gene expression systems in transgenic tobacco plants. <i>Planta</i> , 2007 , 227, 37-45	4.7	22
68	5-epi-Aristolochene 3-hydroxylase from green pepper. <i>Phytochemistry</i> , 1995 , 38, 609-613	4	22
67	Development of an in situ toxicity assay system using recombinant baculoviruses. <i>Biochemical Pharmacology</i> , 1996 , 51, 503-15	6	22
66	Scopolamine release into media by <i>Duboisia leichhardtii</i> hairy root clones. <i>Applied Microbiology and Biotechnology</i> , 1992 , 37, 554	5.7	22
65	Stereospecificity in toxicity of the optical isomers of EPN. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1977 , 18, 534-40	2.7	22
64	A novel ISFET-type biosensor based on P450 monooxygenases. <i>Biosensors and Bioelectronics</i> , 2002 , 17, 173-9	11.8	21
63	Inhibitory effects of vitamin A and vitamin K on rat cytochrome P4501A1-dependent monooxygenase activity. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 262, 565-9	3.4	21
62	Metabolism of agrochemicals and related environmental chemicals based on cytochrome P450s in mammals and plants. <i>Pest Management Science</i> , 2015 , 71, 824-8	4.6	20
61	Molecular and immunochemical characteristics of monoclonal and recombinant antibodies selective for the triazine herbicide simetryn and application to environmental analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 5096-104	5.7	20
60	Phytotoxicity and metabolism of ethofumesate in transgenic rice plants expressing the human CYP2B6 gene. <i>Pesticide Biochemistry and Physiology</i> , 2002 , 74, 139-147	4.9	20
59	Encoding of a cytochrome P450-dependent lauric acid monooxygenase by CYP703A1 specifically expressed in the floral buds of <i>petunia hybrida</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 1999 , 63, 2082-90	2.1	20
58	Stereoselectivity of Organophosphorus Insecticides 1982 , 163-185		20
57	Analysis of substrate specificity of pig CYP2B22 and CYP2C49 towards herbicides by transgenic rice plants. <i>Transgenic Research</i> , 2005 , 14, 907-17	3.3	19

56	Rotation and interactions of genetically expressed cytochrome P-450IA1 and NADPH-cytochrome P-450 reductase in yeast microsomes. <i>Biochemistry</i> , 1991 , 30, 8347-51	3.2	19
55	CYP92B1, A cytochrome P450, expressed in petunia flower buds, that catalyzes monooxidation of long-chain fatty acids. <i>Bioscience, Biotechnology and Biochemistry</i> , 2002 , 66, 1819-28	2.1	18
54	Biphasic kinetic behavior of rat cytochrome P-450IA1-dependent monooxygenation in recombinant yeast microsomes. <i>BBA - Proteins and Proteomics</i> , 2000 , 1481, 265-72		18
53	Regeneration of NADPH by cactus chloroplasts: Coupling reaction with P450 monooxygenase. <i>Journal of Bioscience and Bioengineering</i> , 1997 , 84, 324-329		17
52	Phytomonitoring and phytoremediation of agrochemicals and related compounds based on recombinant cytochrome P450s and aryl hydrocarbon receptors (AhRs). <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 2870-5	5.7	16
51	Recombinant aryl hydrocarbon receptors for bioassay of aryl hydrocarbon receptor ligands in transgenic tobacco plants. <i>Plant Biotechnology Journal</i> , 2009 , 7, 119-28	11.6	16
50	A scFv antibody-based immunoaffinity chromatography column for clean-up of bisphenol A-contaminated water samples. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 353-8	5.7	16
49	Molecular characterization of specifically active recombinant fused enzymes consisting of CYP3A4, NADPH-cytochrome P450 oxidoreductase, and cytochrome b5. <i>Biochemistry</i> , 2007 , 46, 10213-21	3.2	16
48	Anti-herbicide single-chain antibody expression confers herbicide tolerance in transgenic plants. <i>FEBS Letters</i> , 2003 , 550, 179-84	3.8	16
47	Insecticidal activity and processing in larval gut juices of genetically engineered 130-kDa proteins of <i>Bacillus thuringiensis</i> subsp. <i>aizawai</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 1992 , 56, 1-7	2.1	16
46	Polyclonal and monoclonal antibodies specific to the chrysanthemic acid moiety of pyrethroid insecticides. <i>Pest Management Science</i> , 1998 , 54, 189-194		14
45	Characterization of complementary DNA clones coding for two forms of 3-methylcholanthrene-inducible rat liver cytochrome P-450. <i>Journal of Biochemistry</i> , 1984 , 96, 793-804	3.1	14
44	Tissue-specific expression of rice CYP72A21 induced by auxins and herbicides. <i>Plant Biotechnology Reports</i> , 2007 , 1, 27-36	2.5	13
43	Molecular mechanisms of herbicide-inducible gene expression of tobacco CYP71AH11 metabolizing the herbicide chlorotoluron. <i>Pesticide Biochemistry and Physiology</i> , 2014 , 108, 49-57	4.9	11
42	Effectiveness of polyclonal and monoclonal antibodies prepared for an immunoassay of the etofenprox insecticide. <i>Bioscience, Biotechnology and Biochemistry</i> , 1998 , 62, 1001-4	2.1	10
41	Preparation and Characterization of Monoclonal and Recombinant Antibodies Specific to the Insecticide Malathion. <i>Journal of Pesticide Sciences</i> , 2003 , 28, 301-309	2.7	10
40	Characteristics of Scopolamine-releasing Hairy Root Clones of <i>Duboisia leichhardtii</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 1993 , 57, 1398-1399	2.1	9
39	Cytochrome P450 Biodiversity and Plant Protection. <i>Journal of Pesticide Sciences</i> , 1999 , 24, 197-203	2.7	9

38	Enzyme-linked immunosorbent assay with monoclonal and single-chain variable fragment antibodies selective to coplanar polychlorinated biphenyls. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 1605-12	5.7	8
37	Enhanced expression of CYP2C9 and tolerance to sulfonylurea herbicides in transgenic rice plants. <i>Plant Biotechnology</i> , 2005 , 22, 89-96	1.3	8
36	Stereoselectivity in toxicity and acetylcholinesterase inhibition by the optical isomers of Papthion and Papoxon.. <i>Agricultural and Biological Chemistry</i> , 1976 , 40, 1857-1861		8
35	Assays of dioxins and dioxin-like compounds in actually contaminated soils using transgenic tobacco plants carrying a recombinant mouse aryl hydrocarbon receptor-mediated β glucuronidase reporter gene expression system. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2012 , 47, 599-607	2.2	7
34	Assays of PCB congeners and organochlorine insecticides with the transgenic Arabidopsis and tobacco plants carrying recombinant guinea pig AhR and GUS reporter genes. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2012 , 47, 599-607	2.2	7
33	Cloning, expression in yeast, and functional characterization of CYP76A4, a novel cytochrome P450 of petunia that catalyzes (omega-1)-hydroxylation of lauric acid. <i>Bioscience, Biotechnology and Biochemistry</i> , 2005 , 69, 406-9	2.1	7
32	Molecular cloning and expression in <i>Saccharomyces cerevisiae</i> of tobacco NADPH-cytochrome P450 oxidoreductase cDNA. <i>Bioscience, Biotechnology and Biochemistry</i> , 1998 , 62, 1403-11	2.1	7
31	Purification and immunochemical characteristics of NADPH-cytochrome P-450 oxidoreductase from tobacco cultured cells. <i>BBA - Proteins and Proteomics</i> , 1995 , 1246, 53-60		7
30	Photo-induced activation of cytochrome P450/reductase fusion enzyme coupled with spinach chloroplasts. <i>Biotechnology Letters</i> , 1996 , 10, 717		7
29	Synthesis of 2-methylthio-4H-1,3,2-benzodioxaphosphorin-2-oxide by thiono-thiol conversion and its use as phosphorylating agent. <i>Tetrahedron Letters</i> , 1971 , 12, 4263-4266	2	7
28	Effects of biosurfactants on assays of PCB congeners in transgenic arabidopsis plants carrying a recombinant guinea pig AhR-mediated GUS reporter gene expression system. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2010 , 45, 773-9	2.2	6
27	Polyclonal and monoclonal antibodies for the specific detection of the herbicide acifluorfen and related compounds. <i>Pest Management Science</i> , 1997 , 51, 49-55		6
26	Cloning and expression in <i>Escherichia coli</i> and <i>Saccharomyces cerevisiae</i> of a novel tobacco cytochrome P-450-like cDNA. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1996 , 1308, 231-40		6
25	Stereospecific metabolism of O-ethyl O-2-nitro-5-methylphenyl N-isopropyl phosphoramidothioate (S-2571) by liver microsomal mixed function oxidase.. <i>Agricultural and Biological Chemistry</i> , 1976 , 40, 2125-2127		6
24	Reactivation and aging of .ALPHA.-chymotrypsin inhibited by the chiral isomers of EPN-oxon and saligenin cyclic phosphoryl compounds.. <i>Agricultural and Biological Chemistry</i> , 1978 , 42, 1745-1751		6
23	Metabolism of the optical isomers of cyanofenphos in rice stem borer larvae.. <i>Agricultural and Biological Chemistry</i> , 1978 , 42, 445-450		6
22	A selectable marker using cytochrome P450 monooxygenases for Arabidopsis transformation. <i>Plant Biotechnology</i> , 2005 , 22, 281-286	1.3	6
21	Purified fusion enzyme between rat cytochrome P4501A1 and yeast NADPH-cytochrome P450 oxidoreductase. <i>Bioscience, Biotechnology and Biochemistry</i> , 1999 , 63, 21-8	2.1	5

20	Dynamic mobility of genetically expressed fusion protein between cytochrome P450A1 and NADPH-cytochrome P450 reductase in yeast microsomes. <i>Biochemistry</i> , 1999 , 38, 9465-70	3.2	5
19	Recombinant human AhR-mediated GUS reporter gene assays for PCB congeners in transgenic tobacco plants in comparison with recombinant mouse and guinea pig AhRs. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2010 , 45, 741-9	2.2	4
18	Bioassay of estrogenic compounds in transgenic Arabidopsis plants carrying a recombinant human estrogen receptor gene and a GFP reporter gene. <i>Transgenic Research</i> , 2009 , 18, 899-909	3.3	4
17	Broad range of herbicide tolerance of glutinous upland rice variety 'Yumehatamochi' carrying human cytochrome P450 genes. <i>Plant Biotechnology</i> , 2006 , 23, 227-231	1.3	4
16	Effects of methanol and temperature on enzyme immunoassay with monoclonal antibodies specific to the insecticide etofenprox. <i>Bioscience, Biotechnology and Biochemistry</i> , 1999 , 63, 1988-90	2.1	4
15	Hydroxylation reactions by recombinant yeast cells expressing P450 monooxygenases. <i>Annals of the New York Academy of Sciences</i> , 1990 , 613, 37-43	6.5	4
14	Alkylation of Mercaptans and Inhibition of BH Enzymes by Saligenin Cyclic Phosphate and Phosphorothiolate Esters. <i>Agricultural and Biological Chemistry</i> , 1969 , 33, 443-451		4
13	Assays of polychlorinated biphenyl congeners and co-contaminated heavy metals in the transgenic Arabidopsis plants carrying the recombinant guinea pig aryl hydrocarbon receptor-mediated β -glucuronidase reporter gene expression system. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2012 , 47, 233-9	2.2	3
12	Stereospecificity in Oxidation of the Optical Isomers of O-Ethyl O-2-Nitro-5-Methylphenyl N-Isopropyl Phosphoramidothioate (S-2571) by Liver Mixed Function Oxidase and UV Light. <i>Journal of Pesticide Sciences</i> , 1977 , 2, 119-126	2.7	3
11	Preparation of a Functional Single-Chain Antibody against Chlorpropham. <i>Journal of Pesticide Sciences</i> , 2002 , 27, 383-386	2.7	2
10	Assays of dioxins and dioxin-like compounds in actually contaminated soils using transgenic tobacco plants carrying a recombinant mouse aryl hydrocarbon receptor-mediated β -glucuronidase reporter gene expression system. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2012 , 47, 233-9	2.2	1
9	Molecular analysis of specificity of anti-nonylphenol polyethoxylate single-chain antibody fragments by grafting and designed point mutations. <i>Molecular Immunology</i> , 2009 , 46, 3125-30	4.3	1
8	Herbicide Resistant Transgenic Plants Expressing Cytochrome P450 Monooxygenases Metabolizing Xenobiotics. <i>ACS Symposium Series</i> , 2000 , 116-126	0.4	1
7	Herbicide-resistant transgenic tobacco plants expressing CYP1A1/P450 reductase fused enzyme. <i>Pest Management Science</i> , 1995 , 44, 83-84		1
6	Alkylation of Mercaptans and Inhibition of BH Enzymes by Saligenin Cyclic Phosphate and Phosphorothiolate Esters. <i>Agricultural and Biological Chemistry</i> , 1969 , 33, 443-451		1
5	Photodecomposition of Salithion (2-Methoxy-4H-1, 3, 2-Benzodioxaphosphorin-2-Sulfide) and Phenthoate (O, O-Dimethyl S-Ethoxycarbonylbenzyl Phosphorodithioate). <i>Journal of Pesticide Sciences</i> , 1977 , 2, 279-290	2.7	1
4	Simple monitoring of endocrine-disrupting chemicals using transgenic Arabidopsis plants expressing medaka estrogen receptor. <i>Chemosphere</i> , 2022 , 286, 131633	8.4	0
3	Cytochrome P450 species specifically expressed in flower buds metabolize fatty acids. <i>International Congress Series</i> , 2002 , 1233, 115-120		

- 2 Structure and Function of Cytochrome P450s Specifically Expressed in Petunia Flower Buds..
Nippon Nogeikagaku Kaishi, **1999**, 73, 1039-1042
- 1 Immobilization of Chloroplasts: Photobioreactor with P450 Monooxygenase **1998**, 4151-4154