

Toshio Fujita

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#	Paper	IF	Citations
192	p-H Analysis. A Method for the Correlation of Biological Activity and Chemical Structure. <i>Journal of the American Chemical Society</i> , 1964 , 86, 1616-1626	16.4	1902
191	A New Substituent Constant, ρ Derived from Partition Coefficients. <i>Journal of the American Chemical Society</i> , 1964 , 86, 5175-5180	16.4	1203
190	Correlation of Biological Activity of Phenoxyacetic Acids with Hammett Substituent Constants and Partition Coefficients. <i>Nature</i> , 1962 , 194, 178-180	50.4	749
189	The Correlation of Biological Activity of Plant Growth Regulators and Chloromycetin Derivatives with Hammett Constants and Partition Coefficients. <i>Journal of the American Chemical Society</i> , 1963 , 85, 2817-2824	16.4	461
188	PCBs: Structure-Function Relationships and Mechanism of Action. <i>Environmental Health Perspectives</i> , 1985 , 60, 47	8.4	177
187	Structure-activity study of phenethylamines as substrates of biosynthetic enzymes of sympathetic transmitters. <i>Journal of Medicinal Chemistry</i> , 1971 , 14, 148-52	8.3	177
186	SUBSTITUENT CONSTANTS FOR ALIPHATIC FUNCTIONS OBTAINED FROM PARTITION COEFFICIENTS. <i>Journal of Medicinal Chemistry</i> , 1965 , 8, 150-3	8.3	163
185	PCBs: structure-function relationships and mechanism of action. <i>Environmental Health Perspectives</i> , 1985 , 60, 47-56	8.4	150
184	Hydrogen-bonding parameter and its significance in quantitative structure-activity studies. <i>Journal of Medicinal Chemistry</i> , 1977 , 20, 1071-81	8.3	110
183	Understanding the Roles of the "Two QSARs". <i>Journal of Chemical Information and Modeling</i> , 2016 , 56, 269-74	6.1	95
182	Nature and composition of Taft-Hancock steric constants. <i>Journal of Organic Chemistry</i> , 1973 , 38, 1623-1630	14.3	80
181	The Analysis of the Ortho Effect. <i>Progress in Physical Organic Chemistry</i> , 2007 , 49-89		75
180	Quantitative structure-reactivity analysis of the inclusion mechanism by cyclodextrins. <i>Topics in Current Chemistry</i> , 1985 , 61-89		72
179	Quantitative structure-activity relationships of the bitter thresholds of amino acids, peptides, and their derivatives. <i>Journal of Medicinal Chemistry</i> , 1987 , 30, 1873-9	8.3	65
178	Effects of Structure on Binding to the 2,3,7,8-TCDD Receptor Protein and AHH Induction. Halogenated Biphenyls. <i>Environmental Health Perspectives</i> , 1985 , 61, 21	8.4	60
177	Quantitative structure-activity studies of substituted benzyl chrysanthemates. <i>Pesticide Biochemistry and Physiology</i> , 1982 , 17, 243-258	4.9	59
176	The analysis of physiological activity of substituted phenols with substituent constants. <i>Journal of Medicinal Chemistry</i> , 1966 , 9, 797-803	8.3	55

175	Analysis of the structure-activity relationship of the sulfonamide drugs using substituent constants. <i>Journal of Medicinal Chemistry</i> , 1967 , 10, 991-1000	8.3	53
174	Quantitative relationship between protonophoric and uncoupling activities of substituted phenols. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1987 , 891, 194-204	4.6	49
173	Studies on BHC isomers and related compounds V. Some physicochemical properties of BHC isomers (1). <i>Pesticide Biochemistry and Physiology</i> , 1973 , 2, 383-390	4.9	49
172	Correlation analysis of substituent effects on the acidity of benzoic acids by the AM1 method. <i>Journal of Computational Chemistry</i> , 1989 , 10, 94-98	3.5	48
171	Quantitative structure-activity analysis of larvicidal 1-(substituted benzoyl)-2-benzoyl-1-tert-butylhydrazines against <i>Chilo suppressalis</i> . <i>Pest Management Science</i> , 1994 , 41, 139-147		47
170	Hydrophobicity of Di- and Tripeptides Having Unionizable Side Chains and Correlation with Substituent and Structural Parameters. <i>QSAR and Combinatorial Science</i> , 1989 , 8, 195-203		45
169	Comparative ecdysteroid action of ring-substituted dibenzoylhydrazines in <i>Spodoptera exigua</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 1999 , 41, 42-53	2.3	41
168	Quantitative structure-activity studies of benzoylphenylurea larvicides. <i>Pesticide Biochemistry and Physiology</i> , 1984 , 21, 309-325	4.9	41
167	Quantitative structure-activity study of herbicidal N-aryl-3,4,5,6-tetrahydrophthalimides and related cyclic imides. <i>Pesticide Biochemistry and Physiology</i> , 1980 , 14, 153-160	4.9	41
166	Quantitative structure-activity studies of insect growth regulators: XVI. Substituent effects of dibenzoylhydrazines on the insecticidal activity to Colorado potato beetle <i>Leptinotarsa decemlineata</i> . <i>Pest Management Science</i> , 1999 , 55, 909-918		40
165	Analysis and prediction of hydrophobicity parameters of substituted acetanilides, benzamides and related aromatic compounds. <i>Environmental Toxicology and Chemistry</i> , 1992 , 11, 901-916	3.8	39
164	Insecticidal and Neuromuscular Activities of Domoic Acid and Its Related Compounds. <i>Journal of Pesticide Sciences</i> , 1984 , 9, 27-32	2.7	38
163	Structure-activity relationships of fenamic acids. <i>Journal of Medicinal Chemistry</i> , 1974 , 17, 330-4	8.3	38
162	Structure-activity relationships of monoamine oxidase inhibitors. <i>Journal of Medicinal Chemistry</i> , 1973 , 16, 923-30	8.3	38
161	Substituent Effects in the Partition Coefficient of Disubstituted Benzenes: Bidirectional Hammett-Type Relationships. <i>Progress in Physical Organic Chemistry</i> , 75-113		38
160	Structure-activity relationship in the auxin activity of mono-substituted phenylacetic acids. <i>Plant Physiology</i> , 1967 , 42, 1519-26	6.6	36
159	Quantitative analyses of hydrophobicity of di- to pentapeptides having un-ionizable side chains with substituent and structural parameters. <i>Journal of Pharmaceutical Sciences</i> , 1992 , 81, 164-74	3.9	33
158	Quantitative analysis of uncoupling activity of substituted phenols with a physicochemical substituent and molecular parameters. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1990 , 1016, 99-106	4.6	33

157	Quantitative structure-activity relationship of photosystem II inhibitors in chloroplasts and its link to herbicidal action. <i>Journal of Agricultural and Food Chemistry</i> , 1986 , 34, 725-732	5.7	33
156	Ortho effect in hydrolysis of phenyl esters. <i>Journal of Organic Chemistry</i> , 1975 , 40, 2520-2525	4.2	33
155	The Dipole Moments and Molecular Structures of ac-trans-Dihalogenotetralins ¹ . <i>Journal of the American Chemical Society</i> , 1957 , 79, 2471-2475	16.4	33
154	Quantitative Analysis of Partition Behavior of Substituted Phenols from Aqueous Phase into Liposomes Made of Lecithin and Various Lipids. <i>Bulletin of the Chemical Society of Japan</i> , 1987 , 60, 4357-4362	5.1	32
153	Novel Quantitative Structure-Activity Studies of HIV-1 Protease Inhibitors of the Cyclic Urea Type Using Descriptors Derived from Molecular Dynamics and Molecular Orbital Calculations. <i>Current Computer-Aided Drug Design</i> , 2009 , 5, 38-55	1.4	29
152	Quantitative structure-activity analyses of novel hydroxyphenylurea derivatives as antioxidants. <i>Bioorganic and Medicinal Chemistry</i> , 1998 , 6, 849-68	3.4	28
151	Analysis and prediction of partition coefficients of meta- and para-disubstituted benzenes in terms of substituent effects. <i>Journal of Pharmaceutical Sciences</i> , 1983 , 72, 285-9	3.9	28
150	Quantitative Structure-Activity Relationships of Larvicidal N-[5-(Substituted phenyl)-1, 3, 4-thiadiazol-2-yl]-benzamides in the Inhibition of N-Acetylglucosamine Incorporation into a Cultured Integument System. <i>Journal of Pesticide Sciences</i> , 1996 , 21, 195-201	2.7	28
149	Sites of Action of Noncompetitive GABA Antagonists in Houseflies and Rats: Three-Dimensional QSAR Analysis. <i>Pest Management Science</i> , 1997 , 49, 319-332		27
148	Development of insect juvenile hormone active oxime O-ethers and carbamates. <i>Journal of Agricultural and Food Chemistry</i> , 1985 , 33, 1034-1041	5.7	27
147	Promotion of norepinephrine release and inhibition of calcium uptake by pyrethroids in rat brain synaptosomes. <i>Pesticide Biochemistry and Physiology</i> , 1987 , 29, 187-196	4.9	25
146	Relationship between Structure and Flower-inducing Activity of Benzoic Acid Derivatives in <i>Lemna paucicostata</i> 151. <i>Plant and Cell Physiology</i> , 1981 , 22, 1469-1479	4.9	25
145	Insecticidal and neuroexciting actions of DDT analogs. <i>Pesticide Biochemistry and Physiology</i> , 1974 , 4, 451-455	4.9	25
144	Inhibitory effects of BHC isomers on Na ⁺ -K ⁺ -ATPase, yeast growth, and nerve conduction. <i>Pesticide Biochemistry and Physiology</i> , 1974 , 4, 260-265	4.9	25
143	Quantitative structure-activity studies of benzoylphenylurea larvicides. <i>Pesticide Biochemistry and Physiology</i> , 1992 , 43, 141-151	4.9	24
142	Quantitative structure-activity relationships of benzoylphenylurea larvicides. <i>Pesticide Biochemistry and Physiology</i> , 1991 , 40, 12-26	4.9	24
141	Mechanism of inhibition reaction of acetylcholinesterase by phenyl N-methylcarbamates. <i>Pesticide Biochemistry and Physiology</i> , 1977 , 7, 107-121	4.9	24
140	Effect of Chitin Synthesis Inhibitors on Cuticle Formation of the Cultured Integument of <i>Chilo suppressalis</i> . <i>Journal of Pesticide Sciences</i> , 1979 , 4, 367-374	2.7	24

139	Recent Success Stories Leading to Commercializable Bioactive Compounds with the Aid of Traditional QSAR Procedures. <i>QSAR and Combinatorial Science</i> , 1997 , 16, 107-112		23
138	Analyses of the partition coefficient, log P, using ab initio MO parameter and accessible surface area of solute molecules. <i>Journal of Pharmaceutical Sciences</i> , 2004 , 93, 2681-97	3.9	23
137	Quantitative structure-activity studies of insect growth regulators: XVIII. Effects of substituents on the aromatic moiety of dibenzoylhydrazines on larvicidal activity against the Colorado potato beetle <i>Leptinotarsa decemlineata</i> . <i>Pest Management Science</i> , 2001 , 57, 858-65	4.6	23
136	Quantitative structure-activity studies of pyrethroids. <i>Pesticide Biochemistry and Physiology</i> , 1987 , 28, 257-270	4.9	23
135	The steric effect of ortho substituents on the acidic hydrolysis of benzamides. <i>Journal of Organic Chemistry</i> , 1989 , 54, 4443-4448	4.2	22
134	Quantitative structure-activity studies of benzoylphenylurea larvicides. <i>Pesticide Biochemistry and Physiology</i> , 1987 , 27, 143-155	4.9	22
133	Quantitative structure-activity studies of insect growth regulators. XI. Stimulation and inhibition of N-acetylglucosamine incorporation in a cultured integument system by substituted N-tert-butyl-N,N'-dibenzoylhydrazines. <i>Pest Management Science</i> , 1995 , 43, 339-345		21
132	Three-Dimensional Quantitative Structure-Activity Analysis of Steroidal and Dibenzoylhydrazine-Type Ecdysone Agonists. <i>ACS Symposium Series</i> , 1995 , 288-301	0.4	21
131	Quantitative analyses of the structure-hydrophobicity relationship for N-acetyl di- and tripeptide amides. <i>Journal of Pharmaceutical Sciences</i> , 1994 , 83, 1026-33	3.9	21
130	Quantitative structure-activity studies of benzoylphenylurea larvicides. <i>Pesticide Biochemistry and Physiology</i> , 1987 , 27, 156-164	4.9	21
129	Applications of various steric constants to quantitative analysis of structure-activity relationships 1983 , 119-157		21
128	Cultured integument of <i>Chilo suppressalis</i> as a bioassay system of insect growth regulators.. <i>Agricultural and Biological Chemistry</i> , 1983 , 47, 1583-1589		21
127	Symptomatic and neurophysiological activities of new synthetic non-ester pyrethroids, ethofenprox, MTI-800, and related compounds. <i>Pesticide Biochemistry and Physiology</i> , 1986 , 25, 387-395	4.9	21
126	Kinetic constants for the inhibition of acetylcholinesterase by phenyl carbamates. <i>Pesticide Biochemistry and Physiology</i> , 1976 , 6, 320-337	4.9	21
125	Quantitative structure-activity studies of substituted benzyl chrysanthemates. <i>Pesticide Biochemistry and Physiology</i> , 1982 , 17, 259-270	4.9	20
124	Physicochemical properties of biological interest and structure of nicotine and its related compounds. <i>Pesticide Biochemistry and Physiology</i> , 1971 , 1, 151-162	4.9	20
123	Quantitative structure-activity studies of insect growth regulators: XIX. Effects of substituents on the aromatic moiety of dibenzoylhydrazines on larvicidal activity against the beet armyworm <i>Spodoptera exigua</i> . <i>Pest Management Science</i> , 2002 , 58, 131-8	4.6	19
122	Neuromuscular action of insecticidal domoic acid on the American cockroach. <i>Pesticide Biochemistry and Physiology</i> , 1987 , 28, 85-92	4.9	19

121	Physicochemical Parameters for Structure-Activity-Studies of Substituted Phenyl N-Methylcarbamates. <i>Agricultural and Biological Chemistry</i> , 1974 , 38, 1521-1528		19
120	Octanol/water partition coefficient of ortho-substituted aromatic solutes. <i>Journal of Pharmaceutical Sciences</i> , 1993 , 82, 776-81	3.9	18
119	Effects of Structure on 1-Octanol/Water Partitioning Behavior of Aliphatic Amines and Ammonium Ions. <i>QSAR and Combinatorial Science</i> , 1985 , 4, 149-160		18
118	Inhibition of N-acetylglucosamine incorporation into the cultured integument of <i>Chilo suppressalis</i> by diflubenzuron. <i>Pesticide Biochemistry and Physiology</i> , 1992 , 42, 242-247	4.9	17
117	Quantitative structure-activity studies of benzoylphenylurea larvicides. <i>Pesticide Biochemistry and Physiology</i> , 1989 , 33, 144-157	4.9	17
116	Quantitative structure-activity studies of benzoylphenylurea larvicides. <i>Pesticide Biochemistry and Physiology</i> , 1985 , 23, 7-12	4.9	17
115	Hydrophobicity Parameter of Diazines (1) Analysis and Prediction of Partition Coefficients of Monosubstituted Diazines. <i>QSAR and Combinatorial Science</i> , 1990 , 9, 313-320		16
114	Quantitative structure-activity studies of substituted benzyl chrysanthemates. <i>Pesticide Biochemistry and Physiology</i> , 1985 , 24, 192-199	4.9	16
113	Structure-activity study of antiulcerous and antiinflammatory drugs by discriminant analysis. <i>Journal of Medicinal Chemistry</i> , 1980 , 23, 437-44	8.3	16
112	Quantitative structure-activity studies of substituted benzyl chrysanthemates. <i>Pesticide Biochemistry and Physiology</i> , 1982 , 18, 341-350	4.9	16
111	Structure-activity relationship of lindane analogs. <i>Pesticide Biochemistry and Physiology</i> , 1978 , 8, 33-43	4.9	16
110	Effects of the Cyano group in the benzyl alcohol moiety on insecticidal and neurophysiological activities of pyrethroid esters. <i>Pesticide Biochemistry and Physiology</i> , 1989 , 35, 231-243	4.9	15
109	Quantitative structure-activity studies of benzoylphenylurea larvicides. <i>Pesticide Biochemistry and Physiology</i> , 1988 , 30, 67-78	4.9	15
108	The ortho effect in quantitative structure-activity correlations. <i>Analytica Chimica Acta</i> , 1981 , 133, 667-676	6.6	15
107	Hydrophobicity of N-Acetyl-Di- and Tripeptide Amides Having Unionizable Side Chains and Correlation with Substituent and Structural Parameters. <i>QSAR and Combinatorial Science</i> , 1990 , 9, 189-194		14
106	Quantitative structure-activity relationship of insect juvenile hormone mimetic compounds. <i>Journal of Medicinal Chemistry</i> , 1984 , 27, 1493-502	8.3	14
105	Hydrophobicity Parameters Determined by Reversed-Phase Liquid Chromatography. XIII A New Hydrogen-accepting Scale of Monosubstituted (Di)azines for the Relationship between Retention Factor and Octanol-Water Partition Coefficient. <i>QSAR and Combinatorial Science</i> , 1999 , 18, 26-34		13
104	Development of (phenoxyphenoxy)- and (benzylphenoxy)propyl ethers as potent insect juvenile hormone mimetics. <i>Journal of Agricultural and Food Chemistry</i> , 1989 , 37, 462-467	5.7	13

103	Quantitative structure-activity studies of pyrethroids. <i>Pesticide Biochemistry and Physiology</i> , 1988 , 30, 251-261	4.9	13
102	Fluorescent anticytokinins as a probe for binding. Isolation of cytokinin-binding proteins from the soluble fraction and identification of a cytokinin-binding site on ribosomes of tobacco callus cells. <i>FEBS Journal</i> , 1985 , 153, 565-72		13
101	Quantitative Structure-Activity Relationships of DDT and Its Related Compounds. <i>Journal of Pesticide Sciences</i> , 1983 , 8, 69-80	2.7	13
100	Quantitative structure-activity studies of pyrethroids. <i>Pesticide Biochemistry and Physiology</i> , 1987 , 29, 217-232	4.9	12
99	Structure-activity study of herbicidal N-chloroacetyl-N-phenylglycine esters. <i>Pesticide Biochemistry and Physiology</i> , 1976 , 6, 287-295	4.9	12
98	Dimethoxypyrimidines as novel herbicides. Part 4. Quantitative structure-activity relationships of dimethoxypyrimidinyl(thio)salicylic acids. <i>Pest Management Science</i> , 1998 , 52, 343-353		11
97	Status of QSAR at the End of the Twentieth Century. <i>ACS Symposium Series</i> , 1995 , 1-12	0.4	11
96	Quantitative structure-hydrophobicity and structure-activity relationships of antibacterial gramicidin S analogs. <i>Journal of Pharmaceutical Sciences</i> , 1994 , 83, 1357-62	3.9	11
95	Hydrophobicity parameter of diazines. II: Analysis and prediction of partition coefficients of disubstituted pyrazines. <i>Journal of Pharmaceutical Sciences</i> , 1991 , 80, 772-7	3.9	11
94	Quantitative analysis with physicochemical substituent and molecular parameters of uncoupling activity of substituted diarylamines. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1991 , 1059, 91-98	4.6	11
93	Quantitative structure-activity studies of substituted benzyl chrysanthemates. <i>Pesticide Biochemistry and Physiology</i> , 1985 , 23, 314-327	4.9	11
92	Quantitative structure-activity studies of substituted benzyl chrysanthemates. <i>Pesticide Biochemistry and Physiology</i> , 1986 , 25, 295-305	4.9	11
91	Quantitative Analysis of Effects of Substituted Phenols on Membrane Characteristics of Lecithin Liposomes. <i>Bulletin of the Chemical Society of Japan</i> , 1986 , 59, 1099-1107	5.1	11
90	Hydrophobicity parameter of diazines IV: a new hydrogen-accepting parameter of monosubstituted (di)azines for the relationship of partition coefficients in different solvent systems. <i>Journal of Pharmaceutical Sciences</i> , 2000 , 89, 1505-17	3.9	10
89	Quantitative structure-activity studies of pyrethroids. <i>Pesticide Biochemistry and Physiology</i> , 1989 , 35, 300-314	4.9	10
88	Development of N,O-disubstituted hydroxylamines and N,N-disubstituted amines as insect juvenile hormone mimetics and the role of the nitrogenous function for activity. <i>Journal of Agricultural and Food Chemistry</i> , 1990 , 38, 514-520	5.7	10
87	Development of 4-alkylphenyl aralkyl ethers and related compounds as potent insect juvenile hormone mimetics and structural aspects of their activity. <i>Journal of Agricultural and Food Chemistry</i> , 1990 , 38, 1965-1971	5.7	10
86	Quantitative structure-activity studies of pyrethroids. <i>Pesticide Biochemistry and Physiology</i> , 1988 , 31, 155-165	4.9	10

85	Effect of Pyrethroids and DDT Analogs on the Frequency of Spontaneous Discharges in Crayfish Central Nerve Cord. <i>Journal of Pesticide Sciences</i> , 1983 , 8, 283-291	2.7	10
84	Effects of insect-growth-regulatory benzimidazole derivatives on cultured integument of the rice stem borer and mitochondria from rat liver.. <i>Agricultural and Biological Chemistry</i> , 1985 , 49, 3569-3573		10
83	Quantitative structure-activity relationships of phenyl N-methylcarbamates against house fly and its acetylcholinesterase. <i>Pesticide Biochemistry and Physiology</i> , 1979 , 11, 83-103	4.9	10
82	Studies on BHC isomers and related compounds. <i>Pesticide Biochemistry and Physiology</i> , 1974 , 4, 12-18	4.9	10
81	Development of (4-alkoxyphenoxy)- and (4-alkylphenoxy)alkanaldoxime O-ethers as potent insect juvenile hormone mimics and their structure-activity relationships. <i>Journal of Agricultural and Food Chemistry</i> , 1989 , 37, 467-472	5.7	9
80	Development of (phenoxyphenoxy)- and (benzylphenoxy)alkanaldoxime o-ethers as potent insect juvenile hormone mimics and their quantitative structure-activity relationship. <i>Journal of Agricultural and Food Chemistry</i> , 1988 , 36, 378-384	5.7	9
79	Physicochemical Parameters for Structure-Activity-Studies of Substituted Phenyl N-Methylcarbamates. <i>Agricultural and Biological Chemistry</i> , 1974 , 38, 1521-1528		9
78	Quantitative structure-activity studies of pyrethroids. <i>Pesticide Biochemistry and Physiology</i> , 1989 , 33, 158-167	4.9	8
77	Quantitative structure-activity study of herbicidal O-aryl O-ethyl N-isopropylphosphoramidothioates. <i>Pesticide Biochemistry and Physiology</i> , 1986 , 26, 275-283	4.9	8
76	Significance of Branched Bridge-head Substituent in Toxicity of Bicyclic Phosphate Esters. <i>Agricultural and Biological Chemistry</i> , 1976 , 40, 2113-2115		8
75	Plant Growth Activities of 5- and 8-Halogeno-dihydro- and -tetrahydro-1-naphthoic Acids. <i>Nature</i> , 1959 , 184, 1415-1416	50.4	8
74	Toxicities of BHC and Related Compounds 1978 , 133-151		8
73	Quantitative structure-activity relationships of light-dependent herbicidal 4-pyridone-3-carboxanilides I. Effect of benzene ring substituents at the anilide moiety. <i>Pest Management Science</i> , 1992 , 34, 17-25		7
72	Quantitative structure-activity relationships of light-dependent herbicidal 4-pyridone-3-carboxanilide derivatives II. Substituent effects of anilide and pyridone moieties. <i>Pest Management Science</i> , 1992 , 34, 27-36		7
71	Anticytokinin Activity of N-Phenyl- and N-Pyridylcarbamates. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1990 , 45, 89-95	1.7	7
70	¹³ C NMR spectra of p- and m-substituted phenyl N-methyl- and phenyl N,N-dimethyl-carbamates. <i>Magnetic Resonance in Chemistry</i> , 1984 , 22, 439-445		7
69	Studies on plant growth regulators X.. <i>Phytochemistry</i> , 1967 , 6, 889-897	4	7
68	Quantitative structure-activity relationship (QSAR) study of elastase substrates and inhibitors. <i>International Journal of Peptide and Protein Research</i> , 1993 , 42, 216-26		6

67	Novel phenoxyalkylamine derivatives. V. Synthesis, alpha-blocking activity and quantitative structure-activity analysis of alpha-[(phenoxyethylamino)propyl]-alpha-phenylacetonitrile derivatives. <i>Chemical and Pharmaceutical Bulletin</i> , 1988 , 36, 4121-35	1.9	6
66	Quantitative structure-activity studies of substituted benzyl chrysanthemates. <i>Pesticide Biochemistry and Physiology</i> , 1986 , 25, 288-294	4.9	6
65	Anaerobic Degradation of Tetra-, Penta-, and Hexa-chlorocyclohexene Isomers by Rat Liver Microsomal P-450. <i>Journal of Pesticide Sciences</i> , 1980 , 5, 93-100	2.7	6
64	Quantitative structure-activity studies of substituted benzyl chrysanthemates. <i>Pesticide Biochemistry and Physiology</i> , 1982 , 17, 271-279	4.9	6
63	Relationship between Chemical Structure and Selectivity in Herbicidal Activity of trans- α -(2,4-Dichlorophenoxy)-acrylates against Rice Plant and Barnyard-grass. <i>Agricultural and Biological Chemistry</i> , 1974 , 38, 1399-1403		6
62	In memoriam professor Corwin Hansch: birth pangs of QSAR before 1961. <i>Journal of Computer-Aided Molecular Design</i> , 2011 , 25, 509-17	4.2	5
61	Hydrophobicity as a Key Physicochemical Parameter of Environmental Toxicology of Pesticides 2001 , 649-670		5
60	Correlation Analysis of the pKaValues of Mono- and Di-ortho-Substituted Benzoic Acids. <i>Bulletin of the Chemical Society of Japan</i> , 1992 , 65, 3157-3162	5.1	5
59	The QSAR Application of a New Steric Parameter Set for Aromatic Substituents Defined by the Acidic Hydrolysis Rate of Ortho-substituted Benzamides. <i>QSAR and Combinatorial Science</i> , 1990 , 9, 295-301		5
58	Quantitative structure-activity studies of pyrethroids. <i>Pesticide Biochemistry and Physiology</i> , 1990 , 36, 209-219	4.9	5
57	Quantitative structure-activity studies of pyrethroids. <i>Pesticide Biochemistry and Physiology</i> , 1990 , 37, 41-52	4.9	5
56	Novel phenoxyalkylamine derivatives. IV. Synthesis, Ca ²⁺ -antagonistic activity and quantitative structure-activity analysis of alpha-isopropyl-alpha-[3-[3-(3-methoxyphenoxy)propylamino]propyl]-alpha-phenylacetonitrile derivatives. <i>Chemical and Pharmaceutical Bulletin</i> , 1988 , 36, 4103-20	1.9	5
55	Quantitative structure-activity relationships of phenyl N-methylcarbamates against the smaller brown planthopper and its acetylcholinesterase. <i>Pesticide Biochemistry and Physiology</i> , 1979 , 11, 104-116	4.9	5
54	Light-dependent herbicidal activity of 4-pyridone-3-carboxanilide derivatives against <i>Echinochloa oryzicola</i> . <i>Pest Management Science</i> , 1991 , 32, 73-84		4
53	Quantitative structure-activity relationships of light-dependent herbicidal 4-pyridone-3-carboxanilides III. 3-D (comparative molecular field) analysis including light-dependent diphenyl ether herbicides. <i>Pest Management Science</i> , 1992 , 35, 187-200		4
52	Neurophysiological effects of the pyrethroid insecticides bioresmethrin and kadethrin on crayfish giant axons. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1989 , 93, 149-154		4
51	Quantitative structure-activity studies of pyrethroids. <i>Pesticide Biochemistry and Physiology</i> , 1990 , 37, 200-209	4.9	4
50	Quantitative structure-activity studies of pyrethroids. <i>Pesticide Biochemistry and Physiology</i> , 1991 , 40, 99-110	4.9	4

49	Quantitative structure-activity relationships of insecticidal diphenyldichlorocyclopropanes. <i>Pesticide Biochemistry and Physiology</i> , 1986 , 25, 153-162	4.9	4
48	QSAR Studies in Pesticide Research in Japan. <i>Journal of Pesticide Sciences</i> , 1982 , 7, 289-299	2.7	4
47	Substituent-Effect Analyses of the Rates of Metabolism and Excretion of Sulfonamide Drugs. <i>Advances in Chemistry Series</i> , 1974 , 80-97		4
46	Theoretical calculation of the steric effects of ortho substituents by the AM1 method. <i>Journal of Computational Chemistry</i> , 1991 , 12, 135-138	3.5	3
45	Hydrolytic activation/decomposition pathways of herbicidally active ethyl 5-[N-(5,7-dimethoxy-2H-1,2,4-thiadiazolo[2,3-a] pyrimidin-2-ylidene)sulfamoyl]-1,3-dimethylpyrazole-4-carboxylate. <i>Pest Management Science</i> , 1991 , 32, 265-273		3
44	Analysis of Ortho Effects with a Steric Parameter Defined by the Acidic Hydrolysis Rate of Ortho-Substituted Benzamides. <i>Bulletin of the Chemical Society of Japan</i> , 1992 , 65, 2343-2348	5.1	3
43	Quantitative structure-activity studies of pyrethroids. <i>Pesticide Biochemistry and Physiology</i> , 1989 , 35, 275-283	4.9	3
42	Quantitative structure-activity study of fungicidal 1-substituted cis -2-(1 H -1,2,4-triazol-1-yl)cycloalkanols. <i>Pesticide Biochemistry and Physiology</i> , 1989 , 34, 228-239	4.9	3
41	Flower-Inducing Activity of Benzoic Acid Derivatives for Lemna minor. <i>Plant and Cell Physiology</i> , 1983 , 24, 889-897	4.9	3
40	Studies on Plant Growth Substances. <i>Agricultural and Biological Chemistry</i> , 1961 , 25, 710-718		3
39	Quantitative structure-activity relationships and designed synthesis of larvicidal N,N'-dibenzoyl-N-tert-butylhydrazines against Chilo suppressalis. <i>Pest Management Science</i> , 1995 , 44, 102-105		2
38	Applications of a New Hydrophobicity Parameter of Amino Acid Side Chains to Quantitative Structure-Activity Analyses of Oligopeptides. <i>ACS Symposium Series</i> , 1995 , 229-239	0.4	2
37	Analyses of the Acid Dissociation Constants of Multisubstituted Diarylamines Measured in Solvents and Micellar System. <i>Bulletin of the Chemical Society of Japan</i> , 1994 , 67, 800-806	5.1	2
36	Effects of Insect-Growth-Regulatory Benzimidazole Derivatives on Cultured Integument of the Rice Stem Borer and Mitochondria from Rat Liver. <i>Agricultural and Biological Chemistry</i> , 1985 , 49, 3569-3573		2
35	Quantitative Structure-Activity Relationships of DDT and Its Related Compounds -Revised-. <i>Journal of Pesticide Sciences</i> , 1985 , 10, 135-136	2.7	2
34	Inhibition of Trehalase Prepared from American Cockroaches and of Their Reproduction by 1-Deoxynojirimycin and Its Derivatives. <i>Journal of Pesticide Sciences</i> , 1990 , 15, 237-239	2.7	2
33	3D QSAR of insecticidal dioxatricycloalkene and its related compounds 1993 , 525-526		2
32	Structure-Activity Relationship and Molecular Design of Peroxidizing Herbicides with Cyclic Imide Structures and Their Relatives 1999 , 91-139		2

31	The correlation between physiological activity and physicochemical property of the substituted phenols. <i>Revista Odontologica</i> , 1969 , 25, 319-26		2
30	The Application of Classical QSAR to Agrochemical Research. <i>International Journal of Quantitative Structure-Property Relationships</i> , 2017 , 2, 1-18	1.2	1
29	Hydrophobicity as a Key Physicochemical Parameter of Environmental Toxicology of Pesticides 2010 , 1229-1252		1
28	Miticidal pyrethroids having an isobutyranilidoxime ether skeleton. <i>Pest Management Science</i> , 1998 , 53, 186-192		1
27	Similarities in Bioanalogous Structural Transformation Patterns. <i>ACS Symposium Series</i> , 2000 , 166-179	0.4	1
26	Quantitative Structure-Activity Relationships of Herbicidal N-Alkyl-N-(4-substituted benzyl)-4-chloro-2-pentenamides against <i>Echinochloa oryzicola</i> . <i>Journal of Pesticide Sciences</i> , 1999 , 24, 7-12	2.7	1
25	Hydrophobicity Parameter of Heteroaromatic Compounds Derived from Various Partitioning Systems. <i>ACS Symposium Series</i> , 1995 , 36-47	0.4	1
24	EMIL, a System for Computer-Aided Structure Transformation of Bioactive Compounds. <i>ACS Symposium Series</i> , 1993 , 396-406	0.4	1
23	Analysis and prediction of 1-octanol/water partition coefficients of substituted diazines with substituent and structural parameters. <i>Pharmacochemistry Library</i> , 1995 , 153-183		1
22	Comparison of symptomatic and neurophysiological activities of enantiomers of the insecticide 3-phenoxybenzyl 1-(4-ethoxyphenyl)-2,2-dichlorocyclopropane-1-carboxylate. <i>Pest Management Science</i> , 1992 , 34, 249-255		1
21	Quantitative Structure-Activity Study of the Inhibition of Acetylcholinesterase with Aliphatic Ammonium Ions. <i>QSAR and Combinatorial Science</i> , 1989 , 8, 90-97		1
20	Quantitative structure-activity studies of pyrethroids. <i>Pesticide Biochemistry and Physiology</i> , 1991 , 41, 170-177	4.9	1
19	Quantitative structure-activity studies of pyrethroids. <i>Pesticide Biochemistry and Physiology</i> , 1991 , 41, 178-189	4.9	1
18	Quantitative structure-Activity studies of pyrethroids. <i>Pesticide Biochemistry and Physiology</i> , 1991 , 41, 238-249	4.9	1
17	Quantitative structure-activity studies of substituted benzyl chrysanthemates. <i>Pesticide Biochemistry and Physiology</i> , 1985 , 24, 182-191	4.9	1
16	Insect Sterilization Activity of the 1-Methyl-1-nitroso-3-phenylurea Derivatives. <i>Agricultural and Biological Chemistry</i> , 1969 , 33, 785-789		1
15	The Birth of QSAR in Memory of Professor Corwin Hansch. <i>Journal of Pesticide Sciences</i> , 2012 , 37, 206-214.	4.7	1
14	Hydrophobicity of oligopeptides in terms of component amino acid parameters - Application to drug design.. <i>Seibutsu Butsuri</i> , 1989 , 29, 284-289	0	1

- 13 A new hydrophobicity index for amino acid side chains and its applications **1993**, 446-448 1
- 12 Mechanism of the Phytotoxic Action of Herbicidal N-Isobutyl-N-(4-substituted benzyl)-4-halo-2-pentenamides. *Journal of Pesticide Sciences*, **2002**, 27, 9-16 2.7 0
- 11 Hydrophobicities of di-to pentapeptides having unionizable side chains and correlation with substituent and structural parameters. *Pharmacochemistry Library*, **1995**, 23, 185-214
- 10 Quantitative structure-activity studies of neurotoxic acrylamide analogs. *Pharmacochemistry Library*, **1995**, 23, 451-480
- 9 Neurophysiological effects of insecticidal pyrethroids and methoxychlor and of the anticalmodulin agent W-7. *Comparative Biochemistry and Physiology Part C: Comparative Pharmacology*, **1993**, 104, 181-186
- 8 Effect of ionic contents in saline on depolarizing afterpotential induced by phenothrin and methoxychlor. *Comparative Biochemistry and Physiology Part C: Comparative Pharmacology*, **1988**, 89, 389-94
- 7 QUANTITATIVE STRUCTURE-ACTIVITY RELATIONSHIPS OF PYRETHROIDS **1983**, 171-178
- 6 Conformational Analysis of Non-terpenoid Juvenile Hormone Analogs and Steric Resemblance in Their Stable Conformations. *Journal of Pesticide Sciences*, **1987**, 12, 109-112 2.7
- 5 Penetration of Biological Active Compounds in Relation to their Physicochemical Properties. *Seibutsu Butsuri*, **1966**, 6, 209-235 0
- 4 Kinetic Constants for the Inhibition of AChE by Phenyl Carbamates. *Journal of Pesticide Sciences*, **1976**, 1, 239-247 2.7
- 3 Quantitative Structure-Activity-Relationships and Modes of Action of Pesticides. *Journal of Pesticide Sciences*, **1979**, 4, 247-255 2.7
- 2 STERIC EFFECTS IN QUANTITATIVE STRUCTURE-ACTIVITY RELATIONSHIPS **1979**, 987-994
- 1 Quantitative Correlation between Structure and Hydrolytic Rate of N-(3, 4-Dichlorophenyl) acylamides by Aryl Acylamidase from Rice Plant. *Journal of Pesticide Sciences*, **1984**, 9, 13-18 2.7