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Correlation of molecular total surface area with organotin toxicity for biological and physicochemical applica

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Applied Organometallic Chemistry, 1988, 2, 171-175.

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#	Paper	IF	Citations
36	Structure-performance relationships in organotin mercaptide stabilizers. <i>Pure and Applied Chemistry</i> , 1981 , 53, 577-582	2.1	15
35	Toxicity of organotins towards the marine yeast <i>Debaryomyces hansenii</i> . <i>Microbial Ecology</i> , 1989 , 17, 275-85	4.4	27
34	Toxic effects of tin compounds on microorganisms. <i>Journal of Industrial Microbiology</i> , 1989 , 4, 375-402		112
33	Effects of alkyltin compounds on hydrogen-oxidizing anaerobic bacteria. <i>Current Microbiology</i> , 1990 , 20, 329-334	2.4	13
32	Toxicity of organotins towards cyanobacterial photosynthesis and nitrogen fixation. <i>FEMS Microbiology Letters</i> , 1991 , 84, 205-210	2.9	18
31	Total surface areas of Group IVA organometallic compounds: Predictors of toxicity to algae and bacteria. <i>Applied Organometallic Chemistry</i> , 1991 , 5, 33-37	3.1	25
30	QSAR approach to understand the antitumour activity of organotins. <i>Inorganica Chimica Acta</i> , 1992 , 191, 253-259	2.7	36
29	A tribute to Fred Brinckman. <i>Applied Organometallic Chemistry</i> , 1993 , 7, 427-436	3.1	
28	Interaction of triorganotin compounds with Chesapeake Bay sediments and benthos. <i>Applied Organometallic Chemistry</i> , 1993 , 7, 437-441	3.1	10
27	Biosorption of tributyltin and other organotin compounds by cyanobacteria and microalgae. <i>Applied Microbiology and Biotechnology</i> , 1993 , 39, 812-817	5.7	52
26	Structure-activity relationships of effect of aryltin compounds on <i>Ceratocystis ulmi</i> . <i>Applied Organometallic Chemistry</i> , 1994 , 8, 445-449	3.1	20
25	Estimation of the hemolytic effects of various organotin compounds by structure-activity relationships. <i>Applied Organometallic Chemistry</i> , 1995 , 9, 95-104	3.1	25
24	Organotin compounds and aquatic bacteria: A review. <i>Helgoländer Meeresuntersuchungen</i> , 1995 , 49, 663-677		27
23	Effects of butyltins and inorganic tin on chemotaxis of aquatic bacteria. <i>Journal of Industrial Microbiology</i> , 1995 , 14, 293-299		10
22	Ecotoxicology of Organotin Compounds. <i>Critical Reviews in Toxicology</i> , 1996 , 26, 3-117	5.7	710
21	Investigation of the hemolytic effects of various organophosphoric acid triesters (OPEs) and their structure-activity relationship. <i>Toxicological and Environmental Chemistry</i> , 1997 , 59, 305-313	1.4	22
20	Comparison of tributyltin compound effects on the alga <i>Scenedesmus quadricauda</i> and the benthic organisms <i>Tubifex tubifex</i> and <i>Chironomus plumosus</i> . <i>Ecotoxicology and Environmental Safety</i> , 1998 , 41, 222-30	7	14

19	Microalgal Removal of Organic and Inorganic Metal Species from Aqueous Solution. 1998 , 55-72		8
18	Action of inorganic tin and organotins on a hydrocarbon-using yeast, <i>Candida maltosa</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 1999 , 36, 7-12	3.2	11
17	Organotin compounds and their interactions with microorganisms. <i>Canadian Journal of Microbiology</i> , 1999 , 45, 541-554	3.2	81
16	Synthesis, Characterization and Anticancer Activity of Some Bis(Germylpropionato-Di-n-Butyl) Oxides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1999 , 150, 367-374	1	
15	Synthesis and characterization of novel organotin monomers and copolymers and their antibacterial activity. <i>Journal of Applied Polymer Science</i> , 2000 , 77, 740-745	2.9	15
14	Toxicity of butyltin, phenyltin and inorganic tin compounds to sulfate-reducing bacteria isolated from anoxic marine sediments. <i>Applied Organometallic Chemistry</i> , 2000 , 14, 98-107	3.1	19
13	Microbial interactions with tributyltin compounds: detoxification, accumulation, and environmental fate. <i>Science of the Total Environment</i> , 2000 , 258, 119-27	10.2	157
12	SYNTHESIS AND CHARACTERIZATION OF DIORGANOTIN COMPOUNDS CONTAINING SILICON AND GERMANIUM AND CRYSTAL STRUCTURE OF PRECURSOR CARBOXY-ETHYLTRICHLOROGERMANIUM. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2001 , 31, 277-295		9
11	Degradation and toxicity of phenyltin compounds in soil. <i>Environmental Pollution</i> , 2006 , 144, 746-51	9.3	33
10	Organotins and quantitative-structure activity/property relationships. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 1756-1760	2.3	34
9	Ecotoxicology of Antifouling Biocides. 2009 ,		23
8	Plankton. 2009 , 252-270		
7	New pentacoordinated Schiff-base diorganotin(IV) complexes derived from nonpolar side chain amino acids. <i>Journal of Organometallic Chemistry</i> , 2010 , 695, 1189-1199	2.3	33
6	Synthesis and characterization of organotin containing copolymers: reactivity ratio studies. <i>Molecules</i> , 2010 , 15, 1784-97	4.8	9
5	Reactivity ratios for organotin copolymer systems. <i>Molecules</i> , 2010 , 15, 2749-58	4.8	6
4	Review: Quantitative structure-activity/property relationships as related to organotin chemistry. <i>Applied Organometallic Chemistry</i> , 2017 , 31, e3712	3.1	6
3	Research Information Requirements Associated with the Environmental Fate and Effects of Organotin Compounds. 1996 , 601-614		5
2	Pattern of organotin inhibition of methanogenic bacteria. <i>Applied and Environmental Microbiology</i> , 1991 , 57, 1189-93	4.8	27

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