

# Urs Jans

## List of Publications by Year in descending order

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27  
papers

1,225  
citations

706676

14  
h-index

620720

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1618  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Treatment of Municipal Wastewater Effluents by Fe-TAML/H <sub>2</sub> O <sub>2</sub> : Efficiency of Micropollutant Abatement. <i>Environmental Science &amp; Technology</i> , 2021, 55, 3313-3321.	4.6	26
2	Stereoisomer specific reaction of hexabromocyclododecane with Fe(ii) associated with iron oxides. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 1026-1036.	1.7	4
3	Stereoisomer specific reaction of hexabromocyclododecane with reduced sulfur species in aqueous solutions. <i>Chemosphere</i> , 2019, 226, 238-245.	4.2	12
4	Investigation of the Nucleophilic Attack of Dichlorvos by Reduced Sulfur Species Using <sup>1</sup> H NMR. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 424-431.	2.4	5
5	Chlorpyrifos-methyl oxon hydrolysis and its monitoring by HPLC-MS/MS. <i>Monatshefte für Chemie</i> , 2018, 149, 1515-1519.	0.9	2
6	Emerging Brominated Flame Retardants in Sediments and Soils: a Review. <i>Current Pollution Reports</i> , 2016, 2, 213-223.	3.1	27
7	Reactions of three halogenated organophosphorus flame retardants with reduced sulfur species. <i>Chemosphere</i> , 2013, 93, 2033-2039.	4.2	5
8	Concentrations of DDTs and dieldrin in Long Island Sound sediment. <i>Journal of Environmental Monitoring</i> , 2012, 14, 878.	2.1	10
9	Investigation of the reaction of hexabromocyclododecane with polysulfide and bisulfide in methanol/water solutions. <i>Chemosphere</i> , 2012, 87, 158-162.	4.2	19
10	Reaction of tris(2-chloroethyl)phosphate with reduced sulfur species. <i>Chemosphere</i> , 2011, 83, 941-947.	4.2	10
11	Textural and chemical factors affecting adsorption capacity of activated carbon in highly efficient desulfurization of diesel fuel. <i>Carbon</i> , 2009, 47, 2491-2500.	5.4	160
12	Lack of Enantioselective Microbial Degradation of Chlordane in Long Island Sound Sediment. <i>Environmental Science &amp; Technology</i> , 2007, 41, 1635-1640.	4.6	20
13	Oxalate Ion Decomposition under UV Light from Low Pressure Mercury Vapor Lamps. <i>Ozone: Science and Engineering</i> , 2007, 29, 473-483.	1.4	0
14	Persistent Chlordane Concentrations in Long Island Sound Sediment: Implications from Chlordane, <sup>210</sup> Pb, and <sup>137</sup> Cs Profiles. <i>Environmental Science &amp; Technology</i> , 2007, 41, 7723-7729.	4.6	8
15	Nucleophilic Reactions of Phorate and Terbufos with Reduced Sulfur Species under Anoxic Conditions. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 3546-3554.	2.4	12
16	Nucleophilic Substitution Reactions of Chlorpyrifos-methyl with Sulfur Species. <i>Environmental Science &amp; Technology</i> , 2006, 40, 784-790.	4.6	22
17	Kinetics and Mechanism of Degradation of Dichlorvos in Aqueous Solutions Containing Reduced Sulfur Species. <i>Environmental Science &amp; Technology</i> , 2006, 40, 5717-5723.	4.6	18
18	Kinetics and Mechanism of the Degradation of Methyl Parathion in Aqueous Hydrogen Sulfide Solution: Investigation of Natural Organic Matter Effects. <i>Environmental Science &amp; Technology</i> , 2006, 40, 900-906.	4.6	36

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19	Nucleophilic Substitution of Phosphorothionate Ester Pesticides with Bisulfide (HS-) and Polysulfides (Sn2-). Environmental Science & Technology, 2006, 40, 5428-5434.	4.6	35
20	Degradation of Naled and Dichlorvos Promoted by Reduced Sulfur Species in Well-Defined Anoxic Aqueous Solutions. Environmental Science & Technology, 2006, 40, 778-783.	4.6	13
21	Reaction of Thiometon and Disulfoton with Reduced Sulfur Species in Simulated Natural Environment. Journal of Agricultural and Food Chemistry, 2006, 54, 7753-7760.	2.4	7
22	Reaction of Chlorpyrifos-methyl in Aqueous Hydrogen Sulfide/Bisulfide Solutions. Journal of Agricultural and Food Chemistry, 2003, 51, 1956-1960.	2.4	15
23	Alkyl Bromides as Mechanistic Probes of Reductive Dehalogenation: Reactions of Vicinal Dibromide Stereoisomers with Zerovalent Metals. Environmental Science & Technology, 2001, 35, 2268-2274.	4.6	32
24	Atmospheric water: transformation of ozone into OH-radicals by sensitized photoreactions or black carbon. Atmospheric Environment, 2000, 34, 1069-1085.	1.9	25
25	Activated Carbon and Carbon Black Catalyzed Transformation of Aqueous Ozone into OH-Radicals. Ozone: Science and Engineering, 1998, 20, 175-175.	1.4	8
26	Activated Carbon and Carbon Black Catalyzed Transformation of Aqueous Ozone into OH-Radicals. Ozone: Science and Engineering, 1998, 20, 67-90.	1.4	229
27	Transformation Kinetics of Phenols in Water: Photosensitization by Dissolved Natural Organic Material and Aromatic Ketones. Environmental Science & Technology, 1995, 29, 1822-1831.	4.6	465