

Mark R Matsumoto

List of Publications by Year in descending order

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35
papers

1,207
citations

566801

15
h-index

395343

33
g-index

35
all docs

35
docs citations

35
times ranked

1412
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of electrochemical depassivation in PRB systems to recovery FeO reactivity. <i>Frontiers of Environmental Science and Engineering</i> , 2016, 10, 1.	3.3	11
2	Treating anaerobic sequencing batch reactor effluent with electrically conducting ultrafiltration and nanofiltration membranes for fouling control. <i>Journal of Membrane Science</i> , 2016, 504, 104-112.	4.1	48
3	Removal of MTBE in biological activated carbon adsorbers. <i>Environmental Progress and Sustainable Energy</i> , 2013, 32, 239-248.	1.3	11
4	Biological-activated carbon process for removing mtbe from groundwater. <i>Environmental Progress and Sustainable Energy</i> , 2013, 32, 512-523.	1.3	5
5	The effects of various amendments on the biostimulation of perchlorate reduction in laboratory microcosm and flowthrough soil columns. <i>Chemical Engineering Journal</i> , 2013, 232, 388-396.	6.6	13
6	Preliminary Study of Biological Activated Carbon Treatment for Removing MTBE from Groundwater. <i>International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering</i> , 2010, , .	0.0	0
7	A Kinetic Model for Suspended and Attached Growth of a Defined Mixed Culture. <i>Biotechnology Progress</i> , 2008, 21, 720-727.	1.3	2
8	Comparison of PCR-DGGE and Selective Plating Methods for Monitoring the Dynamics of a Mixed Culture Population in Synthetic Brewery Wastewater. <i>Biotechnology Progress</i> , 2008, 21, 712-719.	1.3	11
9	Perchlorate Reduction by Autotrophic Bacteria Attached to Zerovalent Iron in a Flow-Through Reactor. <i>Environmental Science & Technology</i> , 2007, 41, 990-997.	4.6	41
10	Genetic Engineering of Self-Assembled Protein Hydrogel Based on Elastin-like Sequences with Metal Binding Functionality. <i>Biomacromolecules</i> , 2007, 8, 3736-3739.	2.6	45
11	Cadmium removal from contaminated soil by thermally responsive elastin (ELPEC20) biopolymers. <i>Biotechnology and Bioengineering</i> , 2007, 98, 349-355.	1.7	26
12	Perchlorate Reduction by Autotrophic Bacteria in the Presence of Zero-Valent Iron. <i>Environmental Science & Technology</i> , 2006, 40, 1328-1334.	4.6	89
13	Factors Influencing Arsenite Removal by Zero-Valent Iron. <i>Journal of Environmental Engineering, ASCE</i> , 2006, 132, 1459-1469.	0.7	15
14	Customizable Biopolymers for Heavy Metal Remediation. <i>Journal of Nanoparticle Research</i> , 2005, 7, 517-523.	0.8	38
15	Direct observation of biofouling in cross-flow microfiltration: mechanisms of deposition and release. <i>Journal of Membrane Science</i> , 2004, 244, 151-165.	4.1	242
16	Cadmium Removal from Contaminated Soil by Tunable Biopolymers. <i>Environmental Science & Technology</i> , 2004, 38, 3148-3152.	4.6	48
17	The Effects of Ozonated Irrigation Water on Soil Physical and Chemical Properties. <i>Ozone: Science and Engineering</i> , 2001, 23, 65-76.	1.4	9
18	Physicochemical Processes. <i>Water Environment Research</i> , 1999, 71, 584-618.	1.3	5

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19	Physicochemical processes. Water Environment Research, 1998, 70, 449-473.	1.3	10
20	Physicochemical processes. Water Environment Research, 1997, 69, 444-462.	1.3	29
21	Physicochemical Processes. Water Environment Research, 1996, 68, 431-450.	1.3	3
22	Physicochemical processes. Water Environment Research, 1995, 67, 419-432.	1.3	2
23	Characteristics of Heavy Metals in Contaminated Soils. Journal of Environmental Engineering, ASCE, 1995, 121, 276-286.	0.7	79
24	Physicochemical processes. Water Environment Research, 1994, 66, 309-324.	1.3	1
25	Modeling Cadmium Adsorption by Activated Carbon Using the Langmuir and Freundlich Isotherm Expressions. Separation Science and Technology, 1993, 28, 2179-2195.	1.3	289
26	Modeling Cd Adsorption in Single and Binary Adsorbent (PAC) Systems. Journal of Environmental Engineering, ASCE, 1993, 119, 332-348.	0.7	55
27	Acid-Base Characteristics of Powdered-Activated-Carbon Surfaces. Journal of Environmental Engineering, ASCE, 1993, 119, 585-590.	0.7	14
28	Mitigation of Biological Process Upsets Caused by Organic Inhibitors. Journal of Environmental Engineering, ASCE, 1989, 115, 1061-1065.	0.7	2
29	Improvements in Soil Absorption Trench Design. Journal of Environmental Engineering, ASCE, 1989, 115, 853-857.	0.7	2
30	USE OF METAL ADSORBING COMPOUNDS (MAC) TO MITIGATE ADVERSE EFFECTS OF HEAVY METALS IN BIOLOGICAL UNIT PROCESSES. Chemical Engineering Communications, 1989, 86, 1-16.	1.5	21
31	Flow patterns in radial flow hollow fiber reverse osmosis systems. Desalination, 1988, 68, 11-28.	4.0	17
32	Effects of primary effluent filtration on trickling filter design and operation. International Journal of Environmental Studies, 1988, 32, 59-74.	0.7	0
33	Offline Bioregeneration of Granular Activated Carbon. Journal of Environmental Engineering, ASCE, 1988, 114, 1063-1076.	0.7	19
34	Impact of Calcium Magnesium Acetate Road Deicer on POTW Operation. Journal of Water Resources Planning and Management - ASCE, 1987, 113, 311-315.	1.3	4
35	Feasibility of intermittent biological treatment for hazardous wastes. Environmental Progress, 1987, 6, 166-171.	0.8	1