

POSTERS RECEIVED FOR 2011 MICHIGAN GREEN CHEMISTRY & ENGINEERING CONFERENCE (OCTOBER 27, 2011)

	TITLE	AUTHOR(S)	AFFILIATION	CITY	CATEGORY
1	Lowering the Band-Gap of Anatase -structured TiO ₂ by CO-Alloying with Nb & N Donor acceptor pairs	Tanya Breault	Dept. chemistry, Univ of Michigan	Ann Arbor	Energy
2	Understanding the Role of Oxygen Vacancies in the Synthesis and Battery Performance of Lithium Manganospinel Synthesized by Hydrothermal Methods	Xiaoquang Hao	Dept. chemistry, Univ of Michigan	Ann Arbor	Batteries
3	Nonlinear Optical Studies of Phthalates at Environmental Interfaces	Jeanne M Hankett	Dept. chemistry, Univ of Michigan	Ann Arbor	Safer Chemistry
4	Development of Green Coatings for Magnesium Metals	Elizabeth Santos	Kettering Univeristy	Flint	Safer alternatives
5	Green Technology for Potable Water Filtration	Elizabeth Santos	Kettering Univeristy	Flint	Green Water filtration
6	Green Solutions for Thirsty World	Perry Mehta	Solar Water Energy, LLC	Detroit	Water, Energy
7	Synthesis of molybdenum -oxo dithiolate complexes towards reduction catalysis	Emily Nelson	Dept. chemistry, Univ of Michigan	Ann Arbor	Catalysis
8	Mn doped TiO ₂ for the purpose of water oxidation	Kayla Pyper	Dept. chemistry, Univ of Michigan	Ann Arbor	Catalysis
9	Surface Attachment and Optimzation of (FeFe)Hydrogenase Mimic Compounds	Nocholas Roe	Dept. chemistry, Univ of Michigan	Ann Arbor	Catalysis
10	Coverion of Brown Grease to Liquid Fuels	Peter Valdez	Dept. Chem. Engg, University of Michigan	Ann Arbor	Green Fuels
11	Synthesis of Transition Metal Tungstates as Photoanodes for Water Oxidation	Joshua Kurtz	Dept Chemistry, University of Michigan	Ann Arbor	Catalysis
12	Green Sustainable Laboratories at the University of Michigan	Olivia Kramer, etal	SNRE, University of Michigan	Ann Arbor	Sustainability
13	Chemically Turning Metal Oxide Band Gaps for Applications to Solar Water Splitting	Benjamin Klepser	Dept. chemistry, Univ of Michigan	Ann Arbor	Renewable hydrogen fuel
14	Bio-inspired Ni-Fe Hydrogenase Catalysts for the Reversible Oxidation of Dihydrogen	Shwan Eady	Dept. chemistry, Univ of Michigan	Ann Arbor	Catalysis
15	Developing a Pharmaceutical Waste Collection System	Nicole Chardoul & Cathy Semer	Resource Recycling Systems & Herny Ford Hospital	Detroit	Waste minimization
16	The Michigan Green Chemistry Clearinghouse	Tracey Easthope	Ecology Center	Ann Arbor	GC showcase
17	Lithium Ion Battery Pack Cooling System Design Practices	Nicholas Rolinski	Disher Design & Development	Zeeland, MI	green batteries
18	CuWO ₄ Photoanodes for Solar Driven Water Oxidation	Joseph Yourey	Dept. chemistry, Univ of Michigan	Ann Arbor	energy
19	Palladium-catalyzed PMHS/KF Reductions of C-N Bonds	Maria del Rosario I. Amado Sierra and Robert E. Maleczka, Jr.*	Dept. Chemistry, MSU	Lansing	Catalysis
20	Development of a One- Pot C-H Activation/Borylation/Suzuki Reaction with Imidazolysulfonates as the Electrophilic Partner	Damith Perera, Milton R. Smith, III, Jennifer Albaneze-Walker, Robert E. Maleczka, Jr.	Dept. Chemistry, MSU	Lansing	Green chemistry
21	Microwave assisted alkylations of catechol and pyrogallol	Stuart Mahoney, Chen Shuai and S.H. Eichhorn	Dept. Chem, U of Windsor	Windsor	Green chemistry
22	Assessment of automobile induced pollution in an urban area (a case study of Owerri)	Okonkwo Sylvia	Dept. Industrial Chem., Anambra State Univ	Nigeria	Auto pollution