

# Photosynthetic energy conversion: natural and artificial

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Citation Report

#	ARTICLE	IF	CITATIONS
2	A proposal for water oxidation in photosystem II. Pure and Applied Chemistry, 1998, 70, 925-929.	0.9	321
3	Proton-Coupled Electron Transfer. Chemical Reviews, 2007, 107, 5004-5064.	23.0	1,409
4	Modeling light-driven proton pumps in artificial photosynthetic reaction centers. Journal of Chemical Physics, 2009, 131, 035102.	1.2	24
6	Water Splitting by Cooperative Catalysis. Angewandte Chemie - International Edition, 2009, 48, 8178-8181.	7.2	68
7	A new family of octanuclear Mn complexes with a rod-like topology. Polyhedron, 2009, 28, 3203-3208.	1.0	16
8	Principles, Efficiency, and Blueprint Character of Solar-Energy Conversion in Photosynthetic Water Oxidation. Accounts of Chemical Research, 2009, 42, 1861-1870.	7.6	378
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10	The Temperature-Dependent Structure of Alkylamines and Their Corresponding Alkylammonium-Alkylcarbamates. Journal of the American Chemical Society, 2009, 131, 9107-9113.	6.6	34
11	Metal-Ligand Cooperation in H <sub>2</sub> Production and H <sub>2</sub> O Decomposition on a Ru(II) PNN Complex: The Role of Ligand Dearomatization-Aromatization. Journal of the American Chemical Society, 2009, 131, 13584-13585.	6.6	90
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20	Methanol as a probe to investigate the relationship between the secondary electron donor TyrZ and the substrate water molecules in active photosystem II. Science Bulletin, 2010, 55, 809-813.	1.7	1

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22	Regeneration of Oxidized Organic Photo-sensitizers in Grätzel Solar Cells: Quantum-Chemical Portrait of a General Mechanism. <i>ChemPhysChem</i> , 2010, 11, 1858-1862.	1.0	38
23	The Role of Chemistry in the Energy Challenge. <i>ChemSusChem</i> , 2010, 3, 209-222.	3.6	222
27	Artificial Light-gated Catalyst Systems. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5054-5075.	7.2	346
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