

Anna Lewandowska-Andrałojć

Lista publikacji

z dnia 31 października 2015

Publikacje w czasopismach

1. Garg K., Matsubara Y., Ertem M.Z., Lewandowska-Andrałojć A., Sato S., Szalda D.J., Muckerman J.T., Fujita E., 2015, **Striking Differences in Properties of Geometric Isomers of $[Ir(tpy)(ppy)H]^+$: Experimental and Computational Studies of their Hydricities, Interaction with CO_2 , and Photochemistry**, *Angewandte Chemie International Edition* 54: 14128-14132
2. Lewandowska-Andrałojć A., Baine T., Zhao X., Muckerman J.T., Fujita E., Polyansky D., 2015, **Mechanistic studies of hydrogen evolution in aqueous solution catalyzed by a terpyridine-amine cobalt complex**, *Inorganic Chemistry* 54: 4310-4321
3. Pedzinski T., Bobrowski K., Ignasiak M., Kciuk G., Hug G.L., Lewandowska-Andrałojć A., Marciniak B., 2014, **3-Carboxybenzophenone (3-CB) as an efficient sensitizer in the photooxidation of methionyl-leucine in aqueous solutions: spectral, kinetic and acid-base properties of 3-CB derived transients**, *Journal of Photochemistry and Photobiology A: Chemistry* 287: 1-7
4. Lewandowska-Andrałojć A., Grills D.C., Zhang J., Bullock R.M., Miyazawa A., Kawanishi Y., Fujita E., 2014, **Kinetic and Mechanistic Studies of Carbon-to-Metal Hydrogen Atom Transfer Involving Os-Centered Radicals: Evidence for Tunneling**, *Journal of the American Chemical Society* 136: 3572-3578
5. Lewandowska-Andrałojć A., Polyansky D.E., Wang C-H., Wang W-H., Himeda Y., Fujita E., 2014, **Efficient water oxidation with organometallic iridium complexes as precatalysts**, *Physical Chemistry Chemical Physics* 16: 11976-11987
6. Lewandowska-Andrałojć A., Polyansky D.E., Zong R., Thummel R. P., Fujita E., 2013, **Enabling Light-Driven Water Oxidation Via a Low-Energy $Ru^{IV}=O$ Intermediate** *Physical Chemistry Chemical Physics* 15: 14058-14068
7. Zamadar M., Cook A., Lewandowska-Andrałojć A., Holroyd R.; Jiang Y., Bikalis J., Miller J., 2013, **Electron Transfer by Excited Benzoquinone Anions: Slow Rates for Two-Electron Transitions**, *Journal of Physical Chemistry A* 117: 8360-8367
8. Lewandowska-Andrałojć A., Polyansky D.E., 2013, **Mechanism of the Quenching of the Tris(bipyridine)ruthenium(II) Emission by Persulfate: Implications for Photo-Induced Oxidation Reactions**, *Journal of Physical Chemistry A* 117: 10311-10319
9. Lewandowska-Andrałojć A., Kazmierczak F., Hug G.L., Hörner G., Marciniak B., 2013, **Photoinduced CC-coupling Reactions of Rigid Diastereomeric Benzophenone-Methionine Dyads**, *Photochemistry and Photobiology* 89: 14-23
10. Lewandowska-Andrałojć A., Hug G. L., Hörner G., Pedzinski T., Marciniak B., 2012, **Unusual photobehavior of benzophenone triplets in hexafluoroisopropanol. Inversion of the triplet character of benzophenone**, *Journal of Photochemistry and Photobiology*, 244: 1-8
11. Lewandowska A., Carmichael I., Hörner G., Hug G. L., Marciniak B., 2011, **Steric Effects on Intramolecular Reactivity in Cyclic Dipeptides: Conformational Analysis Validated by a Combined MD/DFT Approach**, *Chemical Physics Letters* 512: 123-128
12. Lewandowska A., Hug G. L., Hörner G., Pogocki D., Kazmierczak F., Marciniak B., 2011, **Intramolecular H-atom transfer reactions in rigid peptides. Correlated of solvent and structural effects**, *Canadian Journal of Chemistry* 89: 266-279

13. Lewandowska A., Hug G. L., Hörner G., Pedzinski T., Filipiak P., Marciniak B., 2010, ***Efficient Photochemical Oxidation of Anisole in Protic Solvents. Electron Transfer driven by Specific Solvent-Solute Interactions***, *ChemPhysChem* 11: 2108-2117
14. Lewandowska A., Hug G. L., Hörner G., Carmichael I., Kazmierczak F., Marciniak B., 2009 ***Chiral discrimination in the hydrogen-atom transfer between tyrosine and benzophenone in rigid peptides***, *Chemical Physics Letters* 473: 348-353
15. Hörner G., Hug G. L., Lewandowska A., Kazmierczak F., Marciniak B., 2009, ***Stereoselectivity of the Hydrogen-Atom Transfer in Benzophenone–Tyrosine Dyads: An Intramolecular Kinetic Solvent Effect***, *Chemistry-A European Journal* 15: 3061-3064
16. Hörner G., Hug G. L., Lewandowska A., Marciniak B., 2009, ***Solvent Effects on the Intramolecular Hydrogen-Atom Transfer between Tyrosine and Benzophenone. Diverting Reaction Mechanisms in Protic and Nonprotic Media***, *Journal of Physical Chemistry C*, 113: 11695-11703
17. Lewandowska A., Konarski J., 2008, ***Influence of the Molecular Shape on Its Thermodynamic Functions***, *Acta Physica Polonica A*, 113: 1113-1115