

List of the research publications by Andrei N. Vedernikov  
In the reverse chronological order

72. Khusnutdinova, J.R.; Zavalij, P.Y.; Vedernikov, A.N. "Study of Aerobic Oxidation of Phenyl Pt<sup>II</sup> Complexes (dpms)Pt<sup>II</sup>Ph(L) (dpms = di(2-pyridyl)methanesulfonate; L = Water, Methanol, Aniline)", *Can. J. Chem.* **2009**, *accepted* (invited paper/special issue dedicated to Prof. Richard J. Puddephatt).
71. Khaskin, E.; Zavalij, P.Y.; Vedernikov, A.N. "Bidirectional Transfer of Phenyl and Methyl Groups between Pt<sup>IV</sup> and B in Platinum Dipyridylborato Complexes", *J. Am. Chem. Soc.* **2008**, *130*, 10088-10089.
70. Zhang, J.; Khaskin, E.; Anderson, N.P.; Vedernikov, A.N. "Catalytic Aerobic Oxidation of Substituted 8-Methylquinolines in Pd<sup>II</sup> – 2,6-Pyridinedicarboxylic Acids Systems", *Chem. Comm.* **2008**, 3625-3627.
69. Khusnutdinova, J.R.; Newman, L.; Zavalij, P.Y.; Lam, Y.-F.; Vedernikov, A.N. "Direct C(sp<sup>3</sup>)-O Reductive Elimination of Olefin Oxides from Pt<sup>IV</sup>-Oxetanes Prepared by Aerobic Oxidation of Pt<sup>II</sup> Olefin Derivatives (Olefin = *cis*-Cyclooctene, Norbornene)", *J. Am. Chem. Soc.* **2008**, *130*, 2174-2175.
68. Yahav-Levi, A.; Goldberg, I.; Vigalok, A.; Vedernikov, A.N. "Competitive Aryl-Iodide vs. Aryl-Aryl Reductive Elimination Reactions In Pt(IV) Complexes: Experimental and Theoretical Studies", *J. Am. Chem. Soc.* **2008**, *130*, 724-731.
67. Khaskin, E.; Zavalij, P.Y.; Vedernikov, A.N. "Facile Oxidatively Induced Methyl Transfer from Boron to Platinum in Dimethyldi(2-pyridyl)borato Platinum Complexes", *Angew. Chem. Int. Edit.* **2007**, *46*, 6309-6312.
66. Vedernikov, A.N. "Recent Advances in the Platinum-mediated CH Bond Functionalization", *Curr. Org. Chem.* **2007**, *11*, 1401-1416.
65. Khusnutdinova, J.R.; Zavalij, P.Y.; Vedernikov, A.N. "C-O Coupling of LPt<sup>IV</sup>Me(OH)X Complexes in Water (X = <sup>18</sup>OH, OH, OMe; L = di(2-pyridyl)methane sulfonate)", *Organometallics* **2007**, *26*, 3466-3483.
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63. Khusnutdinova, J.R.; Zavalij, P.Y.; Vedernikov, A.N. "Facile Aerobic Oxidation of dpms-Platinum(II) Ethylene Complexes (dpms = di(2-pyridyl)methanesulfonate)", *Organometallics* **2007**, *26*, 2402-2413.
62. Khaskin, E.; Zavalij, P.Y.; Vedernikov, A.N. "Facile Arene C-H Bond Activation and Alkane Dehydrogenation with Anionic LPt<sup>III</sup>Me<sub>2</sub><sup>-</sup> in Hydrocarbon – Water Systems (L = Dimethyldi(2-pyridyl)borate)", *J. Am. Chem. Soc.* **2006**, *128*, 13054-13055.
61. Vedernikov, A.N.; Binfield, S.A.; Zavalij, P.Y.; Khusnutdinova, J.R. "Stoichiometric Aerobic Pt<sup>II</sup>-Me Bond Cleavage in Aqueous Solutions to Produce Methanol and a Pt<sup>II</sup>(OH) Complex", *J. Am. Chem. Soc.* **2006**, *128*, 82-83.
60. Mohr, F.; Binfield, S.; Fettinger, J.C.; Vedernikov, A.N. "A practical, Fast and High-yielding Aziridination Procedure Using Simple Cu(II) Complexes Containing N-Donor Pyridine-based Ligands", *J. Org. Chem.* **2005**, *70*, 4833-4839.
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