

Publikacje pracowników KChNiK w latach 2010-2019

Rok 2019

- Chatterjee, D.; Chowdhury, C.; Datta, A.; **van Eldik, R.** Ru^{III}(edta)-mediated interaction of nitrite and sulfide: formation of N-bonded thionitrous acid (HSNO) complex of Ru^{III}(edta) in aqueous solution. *New Journal Chemistry* **2019**, *43*, 15311-15315.
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- Hubbard, C.D.; **van Eldik, R.** (Eds) *Advances in Inorganic Chemistry 74: Water oxidation catalysts*, Elsevier Academic Press, San Diego **2019**.
- Janek, M.**; **Muzioł, T.**; **Piszczek, P.** Trinuclear oxo-titanium clusters: synthesis, structure and photocatalytic activity. *Materials* **2019**, *12*, 3195; Doi: 10.3390/ma12193195.
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- Oszajca, M.; Chatterjee, D.; **van Eldik, R.** Reaction of [Ru^{III}(EDTA)(H₂O/OH)]⁻²⁻ with bisulfide and persulfide in, aqueous solution: kinetic and mechanistic studies. *Journal of Coordination Chemistry* **2019**, *72*, 2904-2915.
- Petrović, B.; Jovanović, S.; Puchta, R.; **van Eldik, R.** Mechanistic insight on the chemistry of potential Pt antitumor agents as revealed by collaborative research performed in Kragujevac and Erlangen. *Inorganica Chimica Acta* **2019**, *495*, 1-23.
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- Puchta, R.; Begel, S.; **van Eldik, R.** Prediction of ion selectivity by quantum chemical calculations X: A recent (personal) review, *Advances in Inorganic Chemistry* **2019**, *73*, 445-505.
- Puchta, R.; Ćoćić, D.; Michel, M.; **van Eldik, R.** Host-guest complexes of the beer-can-cryptand: prediction of ion selectivity by quantum chemical calculations XI. *Journal of Coordination Chemistry* **2019**, *72*, 2106-2114.

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