

## PUBLIKATIONEN

1. Peer-Reviewed Research Paper
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### 1. Peer-Reviewed Research Papers

2017

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- 150 Markus Berger, Marcus Bauser, Thomas Frenzel, Christoph Stephan Hilger, Gregor Jost, Silvia Lauria, Bernd Morgenstern, Christian Neis, Hubertus Pietsch, Detlev Sülzle, Kaspar Hegetschweiler
- Hafnium-based contrast agents for X-ray Computed Tomography. *Inorg. Chem.*, **2017**, *56*, 5757-5761.
- 149 Fatima Setifi, Bernd Morgenstern, Kaspar Hegetschweiler, Zouaoui Setifi, Rachid Touzani, Christopher Glidewell
- Crystal structure of *meso*-di- $\mu$ -chlorido-bis[bis(2,2'-bipyridine)cadmium] bis(1,1,3,3-tetracyano-2-ethoxypropenide) 0.81-hydrate. *Acta Crystallogr. Sect. E, Crystallographic Communications*, **2017**, *C73*, 48-52.

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- Characterization of a novel hafnium-based X-ray contrast agent. *Investigative Radiology*, **2016**, *51*, 776-785.
- 147 Christian Neis, Kaspar Hegetschweiler
- Hydrogen bonding in polyamino-polyalcohols: a monohydrated cocrystal of 1,3-diamino-5-azaniumyl-1,3,5-trideoxy-*cis*-inositol iodide and 1,3,5-triamino-1,3,5-

trideoxy-*cis*-inositol. *Acta Crystallogr. Sect. C, Structural Chemistry*, **2014**, C70, 396-399.

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## 2013

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143 Elzbieta Lodyga-Chruscinska, Agnieszka Szebesczyk, Daniela Sanna, Kaspar Hegetschweiler, Giovanni Micera, Eugenio Garribba

Formation in aqueous solution of a non-oxido V<sup>IV</sup> complex with VN<sub>6</sub> coordination. Potentiometric, ESI-MS, spectroscopic and computational characterization, *Dalton Transactions*, **2013**, 42, 13404-13416.

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V<sup>IV</sup>O Versus V<sup>IV</sup> Complex Formation by Tridentate (O, N<sub>arom</sub>, O) Ligands: Prediction of Geometry, EPR <sup>51</sup>V Hyperfine Coupling Constants, and UV-Vis Spectra, *Inorg. Chem.*, **2013**, 52, 5260-5272.

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Peer review is an excellent process to undergo before submitting your research paper for publication or compliance with a research project's requirements. Chances are, there are always things that you have overlooked while writing your research paper. So what are the benefits of subjecting your manuscript to peer review? Although the peer review virtues may have been discussed elsewhere, below is a list of benefits that I have personally gained from experience.

Table of Contents. 10 Benefits of Peer Review. 1. Corrects vague terms. 2. Provides feedback as to the effectiveness of your communication. Peer reviewer code of conduct. Guidelines for reviewing. How to submit. The peer-review process. Peer Reviewing Tips. Benefits for Reviewers. Peer Review Examples. Good explanation of relevance of article. Annalisa Pastore says: The genesis of this paper is the proposal that genomes containing a poor percentage of guanosine and cytosine (GC) nucleotide pairs lead to proteomes more prone to aggregation than those encoded by GC-rich genomes. As a consequence these organisms are also more dependent on the protein folding machinery. If true, this interesting hypothesis could establish a direct link between genome composition and protein aggregation.

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