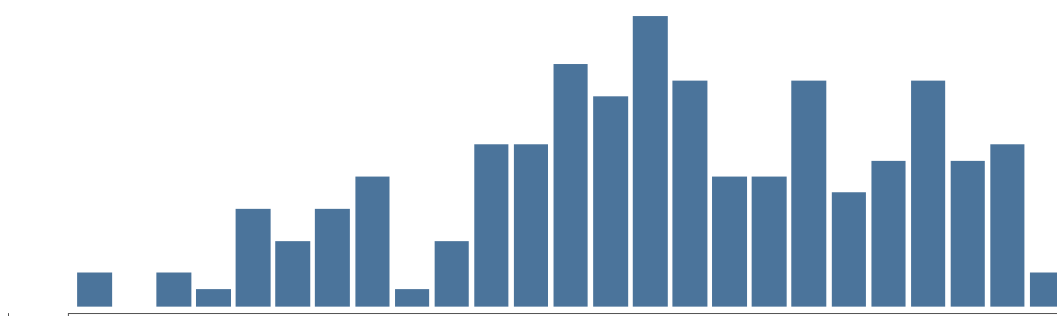


## Publication List

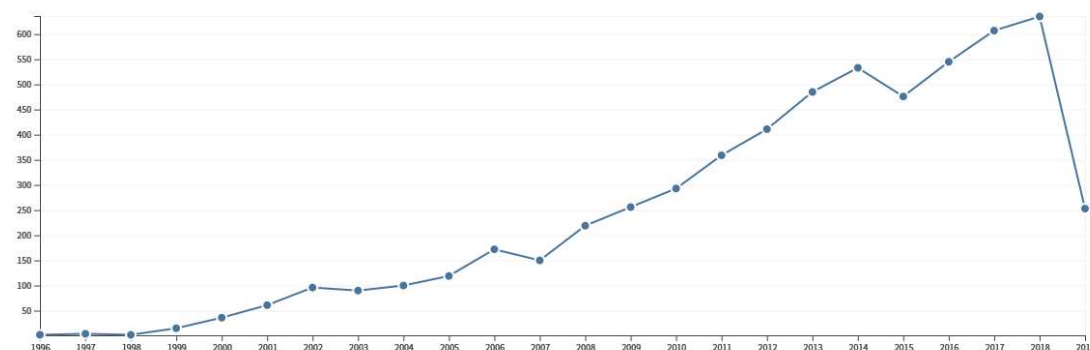
Statistics (Web of Science, 3 June 2019)

Number of rank-A publications: **155**, Citations: **5.919**, Hirsch index: **46**

Published Items in Each Year



Citations in Each Year



## Refereed Journal Articles

### 2019

155. Besold, J., Kumar, N., Scheinost, A.C., Lezama-Pacheco, J.S., Fendorf, S. and Planer-Friedrich, B. (2019) Antimonite complexation with thiol and carboxyl/phenol groups of peat organic matter. *Environ. Sci. Technol.* **53**, 5005-5015.
154. Cametti, G., Scheinost, A.C., Giordani, M. and Churakov, S. (2019) Framework modifications and dehydration path of a Ag<sup>+</sup>-modified zeolite with STI framework type. *The Journal of Physical Chemistry C*, online available.
153. Epifano, E., Naji, M., Manara, D., Scheinost, A.C., Hennig, C., Lechelle, J., Konings, R.J.M., Guéneau, C., Prieur, D., Vitova, T., Dardenne, K., Rothe, J. and Martin, P.M. (2019) Extreme multi-valence states in mixed actinide oxides. *Communications Chemistry* **2**, 1-11.
152. Mueller, K., Foerstendorf, H., Steudtner, R., Tsushima, S., Kumke, M.U., Lefevre, G., Rothe, J., Mason, H., Szabo, Z., Yang, P., Adam, C.K.R., Andre, R., Brennenstuhl, K., Chiorescu, I., Cho, H.M., Creff, G., Coppin, F., Dardenne, K., Auwer, C.D., Drobot, B., Eidner, S., Hess, N.J., Kaden, P., Kremleva, A., Kretzschmar, J., Krueger, S., Platts, J.A., Panak, P.J., Polly, R., Powell, B.A.,

- Rabung, T., Redon, R., Reiller, P.E., Roesch, N., Rossberg, A., Scheinost, A.C., Schimmelpfennig, B., Schreckenbach, G., Skerencak-Frech, A., Sladkov, V., Solari, P.L., Wang, Z., Washton, N.M. and Zhang, X. (2019) Interdisciplinary round-robin test on molecular spectroscopy of the U(VI) acetate system. *ACS Omega* **4**, 8167–8177.
151. Prieur, D.B., Popa, K., Vigier, J.-F., Scheinost, A.C. and Martin, P.M. (2019) Crystallographic structure and charge distribution of  $AUO_4$  and  $A_3UO_6$  uranates ( $A = Ca, Sr, Ba$  or  $Pb$ ). *J. Nucl. Mater.* **516**, 303-308.
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150. Besold, J., Biswas, A., Suess, E., Scheinost, A.C., Rossberg, A., Mikutta, C., Kretzschmar, R., Gustafsson, J.P. and Planer-Friedrich, B. (2018) Monothioarsenate transformation kinetics determines arsenic sequestration by sulfhydryl groups of peat. *Environ. Sci. Technol.* **52**, 7317–7326.
149. Börsig, N., Scheinost, A.C., Shaw, S., Schild, D. and Neumann, T. (2018) Retention and multiphase transformation of selenium oxyanions during the formation of magnetite via iron(II) hydroxide and green rust. *Dalton Trans.* **47**, 11002-11015.
148. Heuser, J.M., Palomares, R.I., Bauer, J.D., Rodriguez, M.J.L., Cooper, J., Lang, M., Scheinost, A.C., Schlenz, H., Winkler, B., Bosbach, D., Neumeier, S. and Deissmann, G. (2018) Structural characterization of (Sm,Tb)PO<sub>4</sub> solid solutions and pressure-induced phase transitions. *J. Eur. Ceram. Soc.* **38**, 4070-4081.
147. Huittinen, N., Scheinost, A.C., Ji, Y., Kowalski, P., Arinicheva, Y., Wilden, A., Neumeier, S. and Stumpf, T. (2018) A spectroscopic and computational study of Cm<sup>3+</sup> incorporation in lanthanide phosphate rhabdophane ( $LnPO_4 \cdot 0.67H_2O$ ) and monazite ( $LnPO_4$ ). *Inorg. Chem.* **57**, 6252–6265.
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137. Elo, O., Müller, K., Ikeda-Ohno, A., Bok, F., Scheinost, A.C., Hölttä, P. and Huittinen, N. (2017) Batch sorption and spectroscopic speciation studies of neptunium uptake by montmorillonite and corundum. *Geochim. Cosmochim. Ac.* **198**, 168-181.
136. Eswayah, A.S., Smith, T.J., Scheinost, A.C., Hondow, N. and Gardiner, P.H.E. (2017) Microbial transformations of selenite by methane-oxidizing bacteria. *Applied Microbiology and Biotechnology* **101**, 6713–6724.
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131. Arab-Chapelet, B., Martin, P., Costenoble, S., Delahaye, T., Scheinost, A. C., Grandjean, S., and Abraham, F., 2016. Multiscale structural characterizations of Mixed U(IV)-An(III) Oxalates (An(III) = Pu or Am) combining XAS and XRD measurements. *Dalton Trans.* **45**, 6909-6919.
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