

## List of publications

(PDF-files are available on request)

### 2018

- 317.** "Silicon-based  $^{18}\text{F}$ -radiopharmaceuticals: from basic SiFA chemistry toward its clinical application"  
Ralf Schirmmacher, Vadim Bernard-Gauthier, Esther Schirmmacher, Justin J. Bailey, Klaus Jurkschat, Carmen Wängler, Björn Wängler  
In „*Fluorine in Life Sciences: Pharmaceuticals, Medicinal Diagnostics, and Agrochemicals*” Ed. Günter Haufe, Frédéric R. Leroux, Academic Press **2019**
- 316.** "Cis versus Trans: The Coordination Environment About the Tin(IV) Atom in Spirocyclic Amino Alcohol Derivatives"  
Britta Glowacki, Roman Pallach, Michael Lutter, Fabian Roesler, Hazem Alnasr, Cederic Thomas, Dieter Schollmeyer, Klaus Jurkschat  
*Chem. Eur. J.* **2018**, accepted article  
<http://dx.doi.org/10.1002/chem.201803952>
- 315.** Aryl(dimethylaminomethyl)phosphinic Acid Esters. Syntheses, Structures, and Reactions with Halogen Hydrogen Acids, Tin Halides and Trimethyl Halosilanes  
Michael Lutter, Klaus Jurkschat  
*Eur. J. Inorg. Chem.* **2018**, 3481–3490.
- 314.** Lone pair– $\pi$  vs.  $\sigma$ -hole– $\pi$  interactions in bromine head-containing oxacalix[2]arene[2]triazines  
Muhammad Moazzam Naseer, Antonio Bauzá, Hazem Alnasr, Klaus Jurkschat, Antonio Frontera  
*CrystEngComm*, **2018**, 20, 3251.

- 313.** The *tert*-butylaminomethyl(mesityl)phosphinic acid ester and formation of its zinc dichloride complex: syntheses and characterization  
Michael Lutter, Lukas M. Stratmann, Klaus Jurkschat  
*Main Group Metal Chem.* **2018**, *41*, 109-113.
- 312.** Molecular Tectonics with Di- and Trinuclear Organotin Compounds  
Irán Rojas-León, Hazem Alnasr, Klaus Jurkschat, María G. Vasquez-Ríos, Irán F. Hernández-Ahuactzi, and Herbert Höpfl  
*Chem. Eur. J.* **2018**, *24*, 4547 – 4551.
- 311.** N-Functionalized Ferrocenes. Subvalent Group XIV Element Chlorides and an *t*Butyl Lithium-Induced C—C Bond Cleavage Under Mild Conditions  
Bastian Nayyar, Hazem Alnasr, Wolf Hiller, and Klaus Jurkschat  
*Angew. Chem. Int. Ed.* 10.1002/anie.201800128  
*Angew. Chem.* 10.1002/ange.201800128
- 310.** Rational syntheses and serendipity: the compounds  $[\text{LSnPtCl}_2(\text{SMe}_2)]_2$ ,  $[\{\text{LSnPtCl}(\text{SMe}_2)\}_2\text{SnCl}_2]$ ,  $[(\text{LSn})_3(\text{PtCl}_2)(\text{PtClSnCl})\{\text{LSn}(\text{Cl})\text{OH}\}]$  and  $[\text{O}(\text{SnCl})_2(\text{SnL})_2]$  with  $\text{L} = \text{MeN}(\text{CH}_2\text{CMe}_2\text{O})_2$   
Zöller, T., Dietz, C., Winter, F., Pöttgen, R., Gorelsky, S. I., Hoffmann, A., Herres-Pawlis, S. and Jurkschat, K.  
*Chem. Eur. J.* **2018**, *24*, 1–12.
- 309.** Organotin-functionalized Crown Ethers as Ditopic Hosts for Lithium Salts: Synthesis, Structures and Complexation Studies of  $\text{X}_3\text{SnCH}_2[16]\text{-crown-5}$  ( $\text{X} = \text{I}, \text{Br}, \text{Cl}$ )  
Verena Arens, Muhammad Moazzam Naseer, Michael Lutter, Ljuba Iovkova-Behrens, Klaus Jurkschat  
*Eur. J. Inorg. Chem.* **2018**, 1540–1545.

- 308.**  $^{18}\text{F}$ -Radiolabeling and In Vivo Analysis of SiFA-Derivatized Polymeric Core-Shell Nanoparticles  
Sheldon Berke, Anne-Larissa Kampmann, Melinda Wuest, Justin J. Bailey, Britta Glowacki, Frank Wuest, Klaus Jurkschat, Ralf Weberskirch, and Ralf Schirrmacher  
*Bioconjugate Chem.* **2018**, *29*, 89–95.
- 307.** Interplay of Lewis acidity, intramolecular O→Sn interactions and selectivity: Organotin-functionalized crown ethers as ditopic hosts for sodium and potassium halides  
Alain Charly Tagne Kuate, Muhammad Moazzam Naseer, Michael Lutter and Klaus Jurkschat  
*Chemical Communications*, **2018**, *54*, 739-742.
- 306.** Synthesis, characterization and computational studies of 3-((E)-[(2hydroxyphenyl)-imino]methyl)benzene-1,2-diol and molecular structure of its zwitterionic form  
Julius Chigozie Ezeorah, Valentine Ossai, Lawrence Nnamdi Obasi, Mohamed I. Elzagheid, Lydia Rhyman, Michael Lutter, Klaus Jurkschat, Necmi Dege, Ponnadurai Ramasami  
*Journal of Molecular Structure* **2018**, *1152*, 21-28.

## 2017

- 305.** It's getting tight. Highly substituted intramolecularly P=O→Sn coordinated ferrocene derivatives  
Bastian Nayyar, Ramid Kapoor, Michael Lutter, Hazem Alnasr, Klaus Jurkschat  
*Eur. J. Inorg. Chem.*, **2017**, 33, 3967–3978.
- 304.** Synthesis, characterization, antimicrobial screening and in silico studies of Schiff bases derived from trans-paramethoxycinnamaldehyde  
N.L. Obasi, G.U. Kaior, A. Ibezim, Alfred E. Ochonogor, Lydia Rhyman, Veikko Uahengo, Michael Lutter, Klaus Jurkschat, Ponnadurai Ramasami  
*Journal of Molecular Structure* **2017**, 1149, 8-16.
- 303.** The amino alcohol MeN(CH<sub>2</sub>CMe<sub>2</sub>OH)<sub>2</sub>  
Michael Lutter, Vinusuya Gock and Klaus Jurkschat  
IUCrData **2017**, 2, x170799 doi.org/10.1107/S2414314617007994.
- 302.** "Novel Ferrocene-Based Potentially D,C,D-Coordinating ( D = O, S) Pincer-Type Pro-Ligands and Their Organotin Derivatives"  
Bastian Nayyar, Stefan Koop, Michael Lutter, Klaus Jurkschat  
*Eur. J. Inorg. Chem.* **2017**, 3233–3238.
- 301.** Organotin-based receptors for anions and ion pairs  
Muhammad Moazzam Naseera, and Klaus Jurkschat  
*Chem. Commun.*, **2017**, 53, 8122—8135.
- 300.** Introducing Stereogenic Centers to Group XIV Metallatrane  
Britta Glowacki, Michael Lutter, Hazem Alnasr, Rana Seymen, Wolf Hiller, and Klaus Jurkschat  
*Inorg. Chem.* **2017**, 56 (9), 4937–4949.

- 299.** Potassium-doped mesoporous bioactive glass: Synthesis, characterization and evaluation of biomedical properties  
Muhammad Shoaib, Amer Saeed, Javeed Akhtar, Muhammad Saif Ur Rahman, Aman Ullahd, Klaus Jurkschat, Muhammad Moazzam Naseer  
*Materials Science and Engineering C 75*, **2017**, 836–844.
- 298.** Role of the Trichlorostannyl Ligand in Tin–Ruthenium Arene Complexes: Experimental and Computational Studies  
Miroslav Novák, Marek Bouška, Libor Dostál, Michael Lutter, Klaus Jurkschat, Jan Turek, Frank De Proft, Zdeňka Růžičková, and Roman Jambor  
*Eur. J. Inorg. Chem.* **2017**, 1292–1300.
- 297.** Liquid membrane transport of potassium fluoride by the organotin-based ditopic host Ph<sub>2</sub>FSnCH<sub>2</sub>SnFPh-CH<sub>2</sub>-[19]-crown-6  
Alain Charly Tagne Kuate, Muhammad Moazzam Naseer and Klaus Jurkschat  
*Chem. Commun.*, **2017**, 53, 2013.
- 296.** Hydrosilylation of RN=CH Imino-Substituted Pyridines without a Catalyst  
Miroslav Novák, Hana Hošnová, Libor Dostál, Britta Glowacki, Klaus Jurkschat, Antonín Lyčka, Zdenka Ruzickova, and Roman Jambor  
*Chem. Eur. J.* **2017**, 23, 1 – 11.
- 295.** Reactivity of Elemental Tin and Zinc toward Organophosphonic Acid Dialkyl Esters: A New One-Pot Recipe for the Synthesis of Coordination Assemblies Derived from O-Alkylorganophosphonate Ligands  
Ravi Shankar, Swati Mendiratta, Nisha Singla, Gabriele Kociok-Köhn, Michael Lutter, and Klaus Jurkschat  
*Inorg. Chem.* **2017**, 56 (2), 721–724.

## 2016

- 294.** Novel Stannatrane  $N(\text{CH}_2\text{CMe}_2\text{O})_2(\text{CMe}_2\text{CH}_2\text{O})\text{SnO-}t\text{-Bu}$  and Related Oligonuclear Tin(IV) Oxoclusters. Two Isomers in One Crystal  
Britta Glowacki, Michael Lutter, Dieter Schollmeyer, Wolf Hiller, and Klaus Jurkschat  
*Inorg. Chem.* **2016**, *55*, 10218–10228.
- 293.** Syntheses, Structures, and Complexation Studies of Tris(organostannyl)methane Derivatives  
Anicet Siakam Wendji, Michael Lutter, Lukas M. Stratmann, and Klaus Jurkschat  
*ChemistryOpen* **2016**, *5*, 554–565.
- 292.** Unsymmetrical Bicentric Organotin Lewis Acids  $\{\text{Me}_2\text{N}(\text{CH}_2)_3\}\text{Ph}(\text{X})\text{Sn}(\text{CH}_2)_n\text{SnPh}_2\text{X}$  ( $\text{X} = \text{F}, \text{I}; n = 1, 3$ ): Syntheses and Structures  
Nour Alashkar, Christina Dietz, Samer Baba Haj, Wolf Hiller, and Klaus Jurkschat  
*Organometallics* **2016**, *35*, 2738–2746.
- 291.** A Ferrocenyl-Backboned Unsymmetric O,C-Coordinating Ligand and Its Tin Derivatives  
Bastian Janssen, Michael Lutter, Hazem Alnasr, Ingo Krossing, and Klaus Jurkschat  
*ChemistryOpen* **2016**, *5*, 319–324.
- 290.** Silicon- and Tin-Containing Open-Chain and Eight-Membered-Ring Compounds as Bicentric Lewis Acids toward Anions  
Anicet Siakam Wendji, Christina Dietz, Silke Kühn, Michael Lutter, Dieter Schollmeyer, Wolf Hiller, and Klaus Jurkschat  
*Chem. Eur. J.* **2016**, *22*, 404–416.

- 289.** From Unorthodox to Established: The Current Status of  $^{18}\text{F}$ -Trifluoroborate- and  $^{18}\text{F}$ -SiFA-Based Radiopharmaceuticals in PET Nuclear Imaging  
Vadim Bernard-Gauthier, Justin J. Bailey, Zhibo Liu, Björn Wängler, Carmen Wängler, Klaus Jurkschat, David M. Perrin, Ralf Schirmacher  
*Bioconjugate Chemistry* **2016**, 27 (2), 267–279.

## 2015

- 288.** Cyclo-Stannasiloxanes Containing Both Oxygen Atoms and Methylene Moieties within the Ring and Formation of Related Organotinxo Clusters  
Samer Baba Haj, Christina Dietz, Michael Lutter, and Klaus Jurkschat  
*Organometallics* **2015**, *34*, 5555–5565.
- 287.** Cyclic Dinuclear Organotin Cations Stabilized by Bulky Substituents  
Michael Wagner, Bernhard Zobel, Christina Dietz, Dieter Schollmeyer, and Klaus Jurkschat  
*Organometallics* **2015**, *34* (23), 5602–5608.
- 286.** Different Complexation Behavior of P-Functionalized Ferrocene Derivatives Towards SnCl<sub>2</sub>, SnCl<sub>4</sub> and SnPh<sub>2</sub>Cl<sub>2</sub>: Auto-ionization and Redox-Type Reactions  
Matthias Gawron, Christina Dietz, Michael Lutter, Andrew Duthie, Viacheslav Jouikov, and Klaus Jurkschat  
*Chem. Eur. J.* **2015**, *21*, 16609–16622.
- 285.** [4-*t*Bu-2,6-{P(O)(OiPr)<sub>2</sub>}<sub>2</sub>C<sub>6</sub>H<sub>2</sub>Sn(PPh<sub>3</sub>)Cr(CO)<sub>5</sub>]ClO<sub>4</sub> – a salt containing a cationic triphenylphosphane-stabilized organostannylene transition metal complex  
Michael Wagner, Thomas Zöller, Christina Dietz and Klaus Jurkschat  
*Main Group Metal Chemistry* **2015**, *38*(5-6), 169–173.



- 284.** N-Coordinated Tin(II) Trifluoromethanesulfonates and Their Reactions with Transition Metal Carbonyls  
Marek Bouska, Libor Dostál, Michael Lutter, Britta Glowacki, Zdenka Ruzickova, Daniel Beck, Roman Jambor, and Klaus Jurkschat  
*Inorg. Chem.* **2015**, *54*, 6792–6800.
- 283.** On the Reactivity of  $\text{RSnCl}$  and  $\text{RSiMe}_3$  { $\text{R} = 4\text{-}t\text{Bu-2,6-[P(O)(OiPr)}_2\text{]}_2\text{C}_6\text{H}_2$ } towards  $\text{BF}_3\cdot\text{OEt}_2$ : Competing Lewis Acidities  
Michael Wagner, Michael Lutter, Christina Dietz, and Marc H. Prosenc, and Klaus Jurkschat  
*Eur. J. Inorg. Chem.* **2015**, 2152–2158.
- 282.**  $[\text{Me}_2\text{C}\{\text{SnCH}(\text{SiMe}_3)_2\}_2]$ . A  $\mu\text{-Me}_2\text{C}$ -bridged tetrastanna tetrahedrane  
Michael Wagner, Michael Lutter, Bernhard Zobel, Wolf Hiller, Marc H. Prosenc and Klaus Jurkschat  
*Chem. Commun.* **2015**, *51*, 153-156.

## 2014

- 281.** Organohydridosilanes containing Y,C,Y-chelating ligands: Reactivity and vapour pressure studies  
Miroslav Novák, Libor Dostál, Zdenka Padělková, Klaus Jurkschat, Christina Dietz, Květoslav Růžička, Michal Fulem, Antonín Lyčka, Roman Jambor  
*Journal of Organometallic Chemistry* **2014**,772-773,1-6
- 280.** Syntheses and Molecular Structures of  $[\text{R}\text{Sn}\{\text{W}(\text{CO})_3\text{Cp}\}_2][\text{W}(\text{CO})_3\text{Cp}]$ ,  $[\text{R}\text{Sn}\{\text{W}(\text{CO})_3\text{Cp}\}\text{Cl}_2]$ , and  $[\text{R}\text{Sn}\{\text{W}(\text{CO})_3\text{Cp}\}\text{Cr}(\text{CO})_5]$  (R = [4-*t*-Bu-2,6- $\{\text{P}(\text{O})(\text{OR}')_2\}_2\text{C}_6\text{H}_2\}$ , R' = Et, *i*-Pr). Autoionization Induced by Intramolecular P=O→Sn Coordination  
Stefan Krabbe, Michael Wagner, Christian Löw, Christina Dietz, Markus Schürmann, Alexander Hoffmann, Sonja Herres-Pawlis, Michael Lutter, and Klaus Jurkschat  
*Organometallics* **2014**, 33, 4433–4441.
- 279.**  $^{18}\text{F}$ -Labeled Silicon-Based Fluoride Acceptors: Potential Opportunities for Novel Positron Emitting Radiopharmaceuticals  
Vadim Bernard-Gauthier, Carmen Wängler, Esther Schirmmacher, Alexey Kostikov, Klaus Jurkschat, Bjoern Wängler, and Ralf Schirmmacher  
*BioMed Research International* **2014**, <http://dx.doi.org/10.1155/2014/454503>.
- 278.** Automated radiosynthesis of N-succinimidyl 3-(di-*tert*-butyl $^{18}\text{F}$  fluorosilyl)benzoate ( $^{18}\text{F}$ SiFB) for peptides and proteins radiolabeling for positron emission tomography  
R. Koudih, A. Kostikov, M. Kovacevic, D. Jolly, V. Bernard-Gauthier, J. Chin, K. Jurkschat, C. Wängler, B. Wängler, R. Schirmmacher  
*Applied Radiation and Isotopes* **2014**, 89, 146–150.

## 2013

- 277.** Arylphosphonic acid esters as bridging ligands in coordination polymers of bismuth  
Dirk Mansfeld, Christina Dietz, Tobias Ruffer, Petra Ecorchard, Colin Georgi, Heinrich Lang, Markus Schürmann, Klaus Jurkschat and Michael Mehring  
*Main Group Met. Chem.* **2013**, 36, 193-208.
- 276.** Straightforward synthesis of novel cyclic metallasiloxanes supported by an N,C,N-chelating ligand  
Adéla Fridrichová, Barbora Mairychová, Zdeňka Padělková, Antonín Lyčka, Klaus Jurkschat, Roman Jambor and Libor Dostál  
*Dalton Trans.*, **2013**, 42, 16403–16411.
- 275.** Reactivity of Organotin(II) Dimers  $R\text{SnSn}R$  ( $R = 2,6\text{-}(\text{Me}_2\text{NCH}_2)_2\text{C}_6\text{H}_3$ ,  $4\text{-}t\text{-Bu-}2,6\text{-}\{\text{P}(\text{O})(\text{O-}i\text{-Pr})_2\}_2\text{C}_6\text{H}_2$ ) with Diaryl Dichalcogenides,  $\text{ArEEAr}$  ( $E = \text{S, Se, Te}$ ;  $\text{Ar} = \text{Ph, } 2\text{-C}_5\text{H}_4\text{N}$ ): Control of Secondary  $\text{Sn}\cdots\text{Sn}$  Interactions by Intramolecular Coordination and Identity of the Aryl Chalcogenate  
Michael Wagner, Christina Dietz, Marek Bouška, Libor Dostál, Zdeňka Padělková, Roman Jambor, and Klaus Jurkschat  
*Organometallics* **2013**, 32 (17), 4973–4984.
- 274.** NHC to aNHC rearrangement by an organotin sulphide cation  
Michael Wagner, Thomas Zöller, Wolf Hiller, Marc H. Prosenc, and Klaus Jurkschat  
*Chem. Commun.* **2013**, 49, 8925-8927.
- 273.** Diastereoselective Ortho Metalation of a Chiral Ferrocenylphosphonic Diamide and Its Organotin Derivates  
Christina Dietz, Viatcheslav Jouikov, and Klaus Jurkschat  
*Organometallics* **2013**, 32 (20), 5906–5917.

- 272.** Extending the Family of N-Heterocyclic Heavy Carbene Analogues: Synthesis and Crystal and Molecular Structures of  $\text{MeN}[\text{CH}_2\text{C}(\text{O})\text{N}(\text{R})]_2\text{Sn}$  ( $\text{R} = \text{Me}_2\text{NCH}_2\text{CH}_2, \text{PhCH}_2, \text{Me}_3\text{CCH}_2$ )  
Ljuba Iovkova-Berends, Miriam Seiger, Thomas Westfeld, Alexander Hoffmann, Sonja Herres-Pawlis, and Klaus Jurkschat  
*Eur. J. Inorg. Chem.* **2013**, 34, 5836–5842.
- 271.** Simplicity Meets Beauty. Trapping Molecular Dimethyltin Oxide in the Novel Organotin(IV) Cluster  $[\text{MeN}(\text{CH}_2\text{CH}_2\text{O})_2\text{SnMe}_2 \cdot \text{Me}_2\text{SnO}]_3$   
Michael Gock, Bianca Wiedemann, Christina Dietz, Chenyu Bai, Michael Lutter, Vinusuya Abeyawarathan, and Klaus Jurkschat  
*Organometallics* **2013**, 32 (15), 4262–4269.
- 270.**  $[\text{4-}t\text{Bu-2,6-}\{\text{P}(\text{O})(\text{O}i\text{Pr})_2\}_2\text{C}_6\text{H}_2\text{SnL}]\text{X}$ : An NHC-Stabilized Organotin(II) Cation and Related Derivatives  
Michael Wagner, Thomas Zöller, Wolf Hiller, Marc H. Prosenc, and Klaus Jurkschat  
*Chem. Eur. J.* **2013**, 19 (29), 9463–9467.
- 269.** Novel Tin-Containing Crown Ether Substituted Ferrocenophanes as Redox-Active Hosts for the Ditopic Complexation of Lithium Chloride  
Anicet Siakam Wendji, Michael Lutter, Christina Dietz, Viatcheslav Jouikov, and Klaus Jurkschat  
*Organometallics* **2013**, 32 (20), 5720–5730.
- 268.** Synthesis of Dibromobenzobarrelene Derivatives and Catalytic Activity of their Rhodium Complexes  
Maik Schlesinger, Max Hofmann, Tobias Ruffer, Dieter Schaarschmidt, Heinrich Lang, Sergio Theilacker, Markus Schürmann, Klaus Jurkschat, and Michael Mehring  
*Eur. J. Inorg. Chem.* **2013**, 2930–2939.

- 267.** Intramolecularly Coordinated Bis(crown ether)-Substituted Organotin Halides as Ditopic Salt Receptors  
Verena Arens, Christina Dietz, Dieter Schollmeyer, and Klaus Jurkschat  
*Organometallics* **2013**, 32 (9), 2775–2786.
- 266.** Chromium Pentacarbonyl-Substituted Organotin(II) Cation Stabilized by *p*-Dimethylaminopyridine or Triphenylphosphane Oxide  
Michael Wagner, Markus Henn, Christina Dietz, Markus Schürmann, Marc H. Prosenc, and Klaus Jurkschat  
*Organometallics* **2013**, 32 (8), 2406–2415.
- 265.** Insights into the Intramolecular Donor Stabilisation of Organostannylene Palladium and Platinum Complexes: Syntheses, Structures and DFT Calculations  
Michael Wagner, Vajk Deáky, Christina Dietz, Jana Martincová, Bernard Mahieu, Roman Jambor, Sonja Herres-Pawlis, and Klaus Jurkschat  
*Chem. Eur. J.* **2013**, 19, 6695–6708.
- 264.** The 2,8-dioxa-5-aza-1-sila-bicyclo[3.3.0<sup>1.5</sup>]octane PhN(CH<sub>2</sub>CH<sub>2</sub>O)<sub>2</sub>SiH<sub>2</sub> as reducing reagent: synthesis and molecular structure of PhN(CH<sub>2</sub>CH<sub>2</sub>O)<sub>2</sub>Sn  
Thomas Zöllner, Michael Lutter, Thorsten Berends, Klaus Jurkschat  
*Main Group Met. Chem.* **2013**, 36, (3-4), 77–82.
- 263.** Novel Trialkanolamine Derivatives of Tin of the Type [N(CH<sub>2</sub>CMe<sub>2</sub>O)<sub>2</sub>(CH<sub>2</sub>)<sub>n</sub>OSnOR]<sub>m</sub> (m = 1, 2; n = 2, 3; R = *t*-Bu, 2,6-Me<sub>2</sub>C<sub>6</sub>H<sub>3</sub>) and Related Tri- and Pentanuclear Tin(IV) Oxoclusters. Syntheses and Molecular Structures  
Thomas Zöllner and Klaus Jurkschat  
*Inorg. Chem.* **2013**, 52, 1872-1882.

## 2012

- 262.** Protein labeling with the labeling precursor  $^{18}\text{F}$ SiFA-SH for positron emission tomography  
Björn Wängler, Alexey P. Kostikov, Sabrina Niedermoser, Joshua Chin, Katy Orchowski, Esther Schirmacher, Ljuba Iovkova-Berends, Klaus Jurkschat, Carmen Wängler & Ralf Schirmacher  
*Nature Protocols* **2012**, 7, (11), 1964-1969.
- 261.** Synthesis of  $^{18}\text{F}$ SiFB: a prosthetic group for direct protein radiolabeling for application in positron emission tomography  
Alexey P Kostikov, Joshua Chin, Katy Orchowski, Sabrina Niedermoser, Klaus Jurkschat, Ljuba Iovkova-Berends, Carmen Wängler, Björn Wängler & Ralf Schirmacher  
*Nature Protocols* **2012**, 7, (11), 1956-1963.
- 260.** One-Step  $^{18}\text{F}$ -labeling of peptides for positron emission tomography imaging using the SiFA methodology  
Carmen Wängler, Sabrina Niedermoser, Joshua Chin, Katy Orchowski, Esther Schirmacher, Klaus Jurkschat, Ljuba Iovkova-Berends, Alexey P Kostikov, Ralf Schirmacher & Björn Wängler  
*Nature Protocols* **2012**, 7, (11), 1946-1955.
- 259.**  $[\text{Me}_2(i\text{-PrPSiCH}_2)_2\text{SnBr}_2]$ : Evidence for Intramolecular Si—O Bond Activation  
Samer Baba Haj, Markus Schürmann, Ljuba Iovkova-Berends, Sonja Herres-Pawlis and Klaus Jurkschat  
*Organometallics* **2012**, 31, 4716-4721
- 258.** *N*-Aryl-Substituted 5-Aza-2,8-dioxasilabicyclo[3.3.0<sup>1.5</sup>]octanes. Syntheses, Molecular Structures, DFT Calculations, and Cyclovoltammetric Studies  
M. Lutter, L. Iovkova-Berends, C. Dietz, V. Jouikov, K. Jurkschat  
*Main Group Met. Chem.* **2012**, 35 (1-2), 41-45.

- 257.** {4-*t*-Bu-2,6-[P(O)(O-*i*-Pr)<sub>2</sub>]<sub>2</sub>C<sub>6</sub>H<sub>2</sub>Sn}<sub>2</sub>: An Intramolecularly Coordinated Organotin(II) Compound with a Sn–Sn Single Bond, Its Disproportionation toward a Diorganostannylene and Elemental Tin, and Its Oxidation with PhI(OAc)<sub>2</sub>  
M. Wagner, C. Dietz, S. Krabbe, S. G. Koller, C. Strohmann, and Klaus Jurkschat  
*Inorg. Chem.* **2012**, 51, 6851-6859.
- 256.** Trapping molecular SnBr<sub>2</sub>(OH)<sub>2</sub> by Tin Alkoxide Coordination. Syntheses and Molecular Structures of [MeN(CH<sub>2</sub>CMe<sub>2</sub>O)<sub>2</sub>SnBr<sub>2</sub>]<sub>2</sub>·SnBr<sub>2</sub>(OH)<sub>2</sub> and RN(CH<sub>2</sub>CMe<sub>2</sub>O)<sub>2</sub>SnL (R = Me, *n*-Octyl; L = lone pair, Cr(CO)<sub>5</sub>, W(CO)<sub>5</sub>, Fe(CO)<sub>4</sub>, Br<sub>2</sub>)  
L. Iovkova-Berends, T. Berends, T. Zöllner, D. Schollmeyer, G. Bradtmöller, and K. Jurkschat  
*Eur. J. Inorg. Chem.* **2012**, 3469-3473.
- 255.** Novel Tin(II) and Tin(IV) Compounds with Scorpion-shaped Ligands: Intramolecular N→Sn versus Intermolecular O→Sn Coordination.  
L. Iovkova-Berends, T. Berends, T. Zöllner, G. Bradtmöller, S. Herres-Pawlis, and Klaus Jurkschat,  
*Eur. J. Inorg. Chem.* **2012**, 3191-3199.
- 254.** Intramolecularly Coordinated Organotin Tellurides: Stable or Unstable?  
Marek Bouška, Libor Dostál, Zdeňka Padělková, Antonín Lyčka, Sonja Herres-Pawlis, Klaus Jurkschat, and Roman Jambor  
*Angew. Chem. Int. Ed.* **2012**, 51, 3478-3482
- 253.** Oxalic Acid Supported Si-<sup>18</sup>F-Radiofluorination: One-Step Radiosynthesis of *N*-Succinimidyl 3-(Di-*tert*-butyl[<sup>18</sup>F]fluorosilyl)benzoate ([<sup>18</sup>F]SiFB) for Protein Labeling  
Alexey P. Kostikov, Joshua Chin, Katy Orchowski, Sabrina Niedermoser, Miriam M. Kovacevic, Antonio Aliaga, Klaus Jurkschat, Bjoern Wängler, Carmen Wängler, Jans-Jürgen Wester, and Ralf Schirrmacher  
*Bioconjugate Chem.* **2012**, 23, 106-114.

**252.** Novel Stannatranes of the Type  $N(CH_2CMe_2O_3)SnX$  ( $X = OR, SR, OC(O)R, SP(S)Ph_2, Halogen$ ). Synthesis, Molecular Structures, and Electrochemical Properties

Thomas Zöller, Christina Dietz, Ljuba Iovkova-Berends, Olga Karsten, Gerrit Bradtmöller, Ann-Kristin Wiegand, Yu Wang, Viatcheslav Jouikov, and Klaus Jurkschat

*Inorg. Chem.* **2012**, *51*, 1041-1056.



## 2011

- 251.** Crystal and molecular structure of potassium 18-crown-6-[2,6-bis(dimethylaminomethyl)phenyl]tin(IV) tetrafluoride  
Adina Rotar, Richard A. Varga, Markus Schürmann, Cristian Silvestru and Klaus Jurkschat  
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*Klaus Jurkschat*

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