

List of publications

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2019

- 322.** Control of Λ , Δ -Isomerization of the Atrane Cages in Group XIV Metallatranes by Chiral Axial Substituents
Britta Glowacki, Michael Lutter, Wolf Hiller, Klaus Jurkschat
Inorg. Chem. **2019**, *58*, 4244–4252.
- 321.** A novel ferrocene-backboned unsymmetrical pincer-type proligand and its organotin derivatives
Matthias Gawron, Bastian Nayyar, Christina Krabbe, Michael Lutter, Klaus Jurkschat
Eur. J. Inorg. Chem. **2019**, 1799–1809.
- 320.** The sodium chloride complex *catena*-poly[[[μ_3 -2-[bis(2-hydroxyethyl)amino]-ethan-1-ol]sodium]chloride], $N(\text{CH}_2\text{CH}_2\text{OH})_3 \cdot \text{NaCl}$
Christina Krabbe, Vinusuya Gock, Michael Lutter and Klaus Jurkschat
IUCrData (2019). **4**, x190238. <https://doi.org/10.1107/S2414314619002384>
- 319.** GlucoSiFA and LactoSiFA: New Types of Carbohydrate-Tagged Silicon-Based Fluoride Acceptors for ^{18}F -Positron Emission Tomography (PET)
Anja Wiegand, Vera Wiese, Britta Glowacki, Ljuba Iovkova, Ralf Schirmacher, Klaus Jurkschat, Norbert Krause
Synthesis **2019**, *51*, 1196-1206.
- 318.** Insight into the Electron Density Distribution in an O,N-Heterocyclic Stannylene by High-Resolution X-ray Diffraction Analysis
Maxim G. Chegerev, Alexandr V. Piskunov, Kseniya V. Tsys, Andrey G. Starikov, Klaus Jurkschat, Evgeny V. Baranov, Adam I. Stash, and Georgy K. Fukin
Eur. J. Inorg. Chem. **2019**, 875–884.

317. “Silicon-based ^{18}F -radiopharmaceuticals: from basic SiFA chemistry toward its clinical application“

Ralf Schirmacher, Vadim Bernard-Gauthier, Esther Schirmacher,
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**

2018

- 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**, *24*, 19266–19279.
- 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– π vs. σ -hole– π 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 tButyl 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}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 Schirmacher
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)-[(2-hydroxyphenyl)-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.

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- 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(CH₂CMe₂OH)₂
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 Ph₂FSnCH₂SnFPh-CH₂-[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
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- 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
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- 289.** From Unorthodox to Established: The Current Status of ^{18}F -Trifluoroborate- and ^{18}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.

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- 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 SnCl₂, SnCl₄ and SnPh₂Cl₂: 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)₂}₂C₆H₂Sn(PPh₃)Cr(CO)₅]ClO₄ – 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
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- 283.** On the Reactivity of RSnCl and 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.

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- 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}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}F fluorosilyl)benzoate (^{18}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
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- 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_2SnSnR_2 ($R = 2,6-(Me_2NCH_2)_2C_6H_3, 4-t-Bu-2,6-\{P(O)(O-i-Pr)_2\}C_6H_2$) with Diaryl Dichalcogenides, $ArEEAr$ ($E = S, Se, Te; Ar = Ph, 2-C_5H_4N$): Control of Secondary $Sn \cdots Sn$ 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 Zöllner, 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
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- 271.** Simplicity Meets Beauty. Trapping Molecular Dimethyltin Oxide in the Novel Organotin(II) 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
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- 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
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- 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
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- 264.** The 2,8-dioxa-5-aza-1-sila-bicyclo[3.3.0^{1.5}]octane PhN(CH₂CH₂O)₂SiH₂ as reducing reagent: synthesis and molecular structure of PhN(CH₂CH₂O)₂Sn
Thomas Zöllner, Michael Lutter, Thorsten Berends, Klaus Jurkschat
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- 263.** Novel Trialkanolamine Derivatives of Tin of the Type [N(CH₂CMe₂O)₂(CH₂)_nOSnOR]_m (m = 1, 2; n = 2, 3; R = *t*-Bu, 2,6-Me₂C₆H₃) and Related Tri- and Pentanuclear Tin(IV) Oxoclusters. Syntheses and Molecular Structures
Thomas Zöllner and Klaus Jurkschat
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- 262.** Protein labeling with the labeling precursor ^{18}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}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
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- 260.** One-Step ^{18}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
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- 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^{1.5}]octanes. Syntheses, Molecular Structures, DFT Calculations, and Cyclovoltammetric Studies
M. Lutter, L. Iovkova-Berends, C. Dietz, V. Jouikov, K. Jurkschat
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- 257.** {4-*t*-Bu-2,6-[P(O)(O-*i*-Pr)₂]₂C₆H₂Sn}₂: 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)₂
M. Wagner, C. Dietz, S. Krabbe, S. G. Koller, C. Strohmann, and Klaus Jurkschat
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- 256.** Trapping molecular SnBr₂(OH)₂ by Tin Alkoxide Coordination. Syntheses and Molecular Structures of [MeN(CH₂CMe₂O)₂SnBr₂]₂·SnBr₂(OH)₂ and RN(CH₂CMe₂O)₂SnL (R = Me, *n*-Octyl; L = lone pair, Cr(CO)₅, W(CO)₅, Fe(CO)₄, Br₂)
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- 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,
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- 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-¹⁸F-Radiofluorination: One-Step Radiosynthesis of *N*-Succinimidyl 3-(Di-*tert*-butyl[¹⁸F]fluorosilyl)benzoate ([¹⁸F]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 $N(\text{CH}_2\text{CMe}_2\text{O}_3)\text{SnX}$ ($X = \text{OR}, \text{SR}, \text{OC(O)R}, \text{SP(S)Ph}_2, \text{Halogen}$). 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

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- 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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- 250.** Intramolekular N→Sn Coordination in Tin(II) and Tin(IV) Compounds Based on Enantiopure Ephedrine Derivatives
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