

Posterbeiträge bei Bier und Brezeln

Tag der offenen Labore am Institut für Chemie und Biochemie, 2. November 2017

Veranstaltungsort: alte Bibliothek Takustraße 3

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| 1 | <i>Phenylimido complexes of Re(V) und Tc(V) with fluorinated acetylacetonate derivatives</i> | Clemens Scholtysik | Abram/AC |
| 2 | <i>(NBu₄)[Tc₂(μ-Cl)₃(CO)₆] as starting material for ⁹⁹Tc Tricarbonyl complexes</i> | Sarah Breslau | Abram/AC |
| 3 | <i>New Tc(II) compounds starting from the novel core {Tc(NO)Cp(PPh₃)₃}⁺</i> | Abdullah Abdulkader | Abram/AC |
| 4 | <i>Synthesis of copper(II) complexes with flexible and rigid bis(2-benzimidazole) ligands and their biological activity: DNA binding and DNA cleavage properties</i> | Julian Heinrich | Kulak/AC |
| 5 | <i>A supramolecular approach: Artificial metalloproteases based on the oxacyclen ligand</i> | Sebastián Hinojosa | Kulak/AC |
| 6 | <i>Synthesis of prodigiosin derivatives for their potential use as ligands in metallonucleases</i> | Sebastian Doniz Kettenmann | Kulak/AC |
| 7 | <i>Laser Ablation of Metal Halides</i> | Gene Senges | H.-Riedel/AC |
| 8 | <i>Polyhalides in cryogenic matrices and ionic liquids</i> | Marlon Winter | H.-Riedel/AC |
| 9 | <i>[Al(OTeF₅)₄]⁻ - A Novel Weakly Coordinating Anion</i> | Kurt Hoffmann | H.-Riedel/AC |
| 10 | <i>Corannulene mit stark elektronenziehenden Gruppen</i> | Axel Haupt | Lentz/AC |
| 11 | <i>Triazaphospholenium Tetrafluoroborate: The First Phosphorus Analogue of a Mesoionic Carbene</i> | Martin Papke | Müller/AC |
| 12 | <i>3H-1,2,3,4-Triazaarsoles: Synthesis, Reactivity and Characterization</i> | Gregor Pfeifer | Müller/AC |
| 13 | <i>2-Pyrones: An Alternative and Convenient Route to Functionalized Phosphinines</i> | Friedrich Wossidlo | Müller/AC |
| 14 | <i>Forschung in der AG Sarkar</i> | Sebastian Sobottka | Sarkar/AC |
| 15 | <i>Synthesis of Antimalarial Onocerane Triterpenoid Cupacinoxepan</i> | Florian Bartels | Christmann/OC |
| 16 | <i>Dichrophones A and B: Enantioselective Synthesis and Structure Revision</i> | Volker Schmiedel | Christmann/OC |
| 17 | <i>Aryne Insertion into Unsymmetric Imides in Flow for the Rapid Synthesis of Quinolinone Natural Products</i> | Johannes Schwan | Christmann/OC |
| 18 | <i>Dendritic polyglycerols as carriers for the delivery of highly potent drugs</i> | Nadine Rades | Haag/OC |
| 19 | <i>Mussel-Inspired Polyglycerol as Surface Coatings with Controllable Wettability</i> | Christoph Schlaich | Haag/OC |
| 20 | <i>Multivalent Sialylated Polyglycerol Derivatives Inhibit Influenza Virus Propagation</i> | Sumati Bhatia | Haag/OC |
| 21 | <i>Coiled-coil based peptide hydrogels as synthetic extracellular matrix for stem cell degradation</i> | Katharina Hagen | Kokschi/OC |
| 22 | <i>Impact of fluorinated amino acids on the proteolytic stability of peptides</i> | Susanne Huhmann | Kokschi/OC |
| 23 | <i>Catalytic Activity of Peptide-Nanoparticles Conjugates Regulated by a Conformational Change</i> | Dorian Mikolajczak | Kokschi/OC |
| 24 | <i>Planar Chiral Crown Ammonium Rotaxanes: New Directions for Mechanically Interlocked Molecules</i> | Marius Gaedke | Schalley/OC |
| 25 | <i>Orthogonal switching of a cucurbit[8]uril complex by pH and redox Stimuli</i> | Stefan Schoder | Schalley/OC |
| 26 | <i>Tandem mass spectrometric and ion mobility studies of multivalently bound supramolecular complexes</i> | Jan M. Wollschläger | Schalley/OC |
| 27 | <i>Elektrochemische CO₂ Reduktion mit homogenen Übergangsmetallkatalysatoren</i> | Stefan Hentschel | Tzschucke/OC |
| 28 | <i>Palladiumkatalysierte C-H-Aktivierung und C-C-Kupplung</i> | Christoph Tzschucke | Tzschucke/OC |
| 29 | <i>Biomedical application of Thermo-responsive Nanogels with NIR Transducers for the Controlled Transport and Release of Therapeutic Molecules</i> | Loryn Fechner/ Emanuel Glitscher | Calderon/OC |
| 30 | <i>Thermoresponsive Nanogels for Cutaneous Drug Delivery</i> | Ernesto Osorio Blanco | Calderon/OC |
| 31 | <i>Comparison of Endogenous Triggers for the Drug Release from Polymer-Drug Conjugates by Fluorescent Turn-on Probes</i> | Gregor Nagel | Calderon/OC |
| 32 | <i>Highly Dipolar Molecules on Graphene</i> | Philipp Rietsch | Eigler/OC |

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| 33 | <i>Synthesis of Bioactive Rearranged Steroidal Natural Products</i> | Fenja Leena Dücker | Heretsch/OC |
| 34 | <i>Visible Light Activation for the Preparation and Activation of Fluorinated Compounds</i> | Stefan Dix | Hopkinson/OC |
| 35 | <i>A combined approach of 3D-printing and cell sheet engineering towards complex in vitro tissue models</i> | Markus Lindner/Laura Elomaa | Weinhart/OC |
| 36 | <i>Thermoresponsive Cell Culture Dishes for Cell Sheet Engineering Applications</i> | Daniel Stöbener | Weinhart/OC |
| 37 | <i>Multivalent, mucin-inspired virus binding inhibitor based on high molecular weight hyperbranched polyglycerol</i> | Matthias Müller/Stephan Block | Block/OC |
| 38 | <i>High Resolution X-Ray Microscopy: Investigating Drug and Nanocarrier Penetration in Skin and Reconstructed Human Skin</i> | Kenji Yamamoto/André Klossek | Rühl/PC |
| 39 | <i>Photoelectron scattering processes probed by angular distributions of inner-shell photoelectrons emitted from free SiO₂ nanoparticles</i> | Felix Gerke/Burkhard Langer/Egill Antonsson | Rühl/PC |
| 40 | <i>Investigation of oxide formation in single levitated micro droplets probed by Raman and X-Ray absorption spectroscopy</i> | Rene Dallinger/Jonas Schenk | Rühl/PC |
| 41 | <i>Electrochemical reduction of CO₂ on electrodeposited Cu₂O/Cu catalyst</i> | Prashant Khadke | Roth/PC |
| 42 | <i>A neodymium-oxide nanoparticle-doped carbon felt as promising electrode for Vanadium redox flow batteries</i> | Abdul Fetyan | Roth/PC |
| 43 | <i>Chemische Prozesse an Festkörperoberflächen</i> | W. Riedel | Risse/PC |
| 44 | <i>Protonation dynamics of cytochrome c oxidase</i> | Jovan Dragelj | Knapp/PC |
| 45 | <i>pKa computations with Karlsberg2+</i> | Enrico Peter | Knapp/PC |
| 46 | <i>Cooperative Effects in Multivalent Systems - A Case Study</i> | Andreas Achazi | Paulus/TC |
| 47 | <i>First-principles investigations of growth and dissolution of nanocrystals in aqueous environments: The influence of defects</i> | Christian Becker | Paulus/TC |
| 48 | <i>Chemically modified graphene derivatives: Graphene halogens and pseudohalogens - A theoretical study</i> | Lukas E. Marsoner Steinkasserer | Paulus/TC |
| 49 | <i>Structural Basis for the Recognition of the Proline-Rich Sequences by FBP21 t-WW Domains</i> | Stevan Aleksić | Keller/TC |
| 50 | <i>Markov State Models with Girsanov Reweighting</i> | Luca Donati | Keller/TC |
| 51 | <i>One-step Protein Labeling with Tubulin Tyrosine Ligase – Substrate Scope Explained by Computational Studies</i> | Oliver Lemke | Keller/TC |
| 52 | <i>Non-equilibrium Phenomena in Nanostructured Materials</i> | Jean Christophe Tremblay | Tremblay/TC |
| 53 | <i>Low-lying Electronic Terms of the Diatomic Molecules AB (A = Sc – Ni, B = Cu/Ag/Au)</i> | Davood Alizadeh Sanati | Andrae/TC |
| 54 | <i>Systematic Theoretical Studies of Complete Classes of Compounds</i> | Dirk Andrae | Andrae/TC |
| 55 | <i>Odd skipped-related 1 (Osr1) identifies embryonic fibro-adipogenic progenitors (FAPs) and regulates a pro-myogenic transcriptional program during limb development</i> | Pedro Vallecillo-Garcia | Stricker/BC |
| 56 | <i>Function of Neurofibromin (Nf1) in muscle stem cell metabolic reprogramming</i> | Xiaoxyan Wei | Stricker/BC |
| 57 | <i>Noggin is essential for maintaining myogenic cell-fate and directing differentiation & fusion during fetal myogenesis</i> | Arunima Murgai | Stricker/BC |
| 58 | <i>Aktuelle Forschungsarbeiten aus der Didaktik der Chemie I</i> | Claus Friedrich Bolte | Bolte/Didaktik |
| 59 | <i>Aktuelle Forschungsarbeiten aus der Didaktik der Chemie II</i> | Sabine Streller | Bolte/Didaktik |
| 60 | <i>Das Schülerlabor für Biologie und Chemie - Experimente für Sachunterricht und NaWi</i> | Clara v. Randow | Skiebe/NatLab |
| 61 | <i>Das Schülerlabor für Biologie und Chemie - Experimente für Oberstufenkurse der Biologie</i> | Clara von Randow | Skiebe/NatLab |
| 62 | <i>Das Schülerlabor für Biologie und Chemie - Experimente für Oberstufenkurse der Chemie</i> | Clara von Randow | Skiebe/NatLab |
| 63 | <i>Gerätezentrum BioSupraMol</i> | Kai Ludwig | Core Facility |
| 64 | <i>Gerätezentrum BioSupraMol - Mikrofluidik</i> | Wenzhong Li | Core Facility |
| 65 | <i>Gerätezentrum BioSupraMol - Elektronenmikroskopie</i> | Kai Ludwig | Core Facility |
| 66 | <i>Gerätezentrum BioSupraMol – Optische Mikroskope</i> | Katharina Achazi | Core Facility |