Posterbeiträge bei Bier und Brezeln

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

Veranstaltungsort: alte Bibliothek Takustraße 3

Nr.	Titel	AustellerIN	AK
1	*Phenylimido complexes of Re(V) und Tc(V) with fluorinated acetylacetonate derivatives*	Clemens Scholtysik	Abram/AC
2	*$(NBu_4)[Tc_2(\mu\text{-}Cl)_3(CO)_6]$ as starting material for ^{99}Tc Tricarbonyl complexes*	Sarah Breslau	Abram/AC
3	*New Tc(I) compounds starting from the novel core $\{Tc(NO)Cp(PPh_3)\}^+$*	Abdullah Abdulkader	Abram/AC
4	*Synthesis of copper(II) complexes with flexible and rigid bis(2-benzimidazole) ligands and their biological activity: DNA binding and DNA cleavage properties*	Julian Heinrich	Kulak/AC
5	*A supramolecular approach: Artificial metalloproteases based on the oxacyclen ligand*	Sebastián Hinojosa	Kulak/AC
6	*Synthesis of prodigiosin derivatives for their potential use as ligands in metallonucleases*	Sebastian Doniz Kettenmann	Kulak/AC
7	*Laser Ablation of Metal Halides*	Gene Senges	H.-Riedel/AC
8	*Polyhalides in cryogenic matrices and ionic liquids*	Marlon Winter	H.-Riedel/AC
9	*$[Al(OTeF_5)_4]$- - A Novel Weakly Coordinating Anion*	Kurt Hoffmann	H.-Riedel/AC
10	*Corannulene mit stark elektronenziehenden Gruppen*	Axel Haupt	Lentz/AC
11	*Triazaphospholenium Tetrafluoroborate: The First Phosphorus Analogue of a Mesoionic Carbene*	Martin Papke	Müller/AC
12	*3H-1,2,3,4-Triazaarsoles: Synthesis, Reactivity and Characterization*	Gregor Pfeifer	Müller/AC
13	*2-Pyrones: An Alternative and Convenient Route to Functionalized Phosphinines*	Friedrich Wossidlo	Müller/AC
14	*Forschung in der AG Sarkar*	Sebastian Sobottka	Sarkar/AC
15	*Synthesis of Antimalarial Onocerane Triterpenoid Cupacinoxepan*	Florian Bartels	Christmann/OC
16	*Dichrocephones A and B: Enantioselective Synthesis and Structure Revision*	Volker Schmiedel	Christmann/OC
17	*Aryne Insertion into Unsymmetric Imides in Flow for the Rapid Synthesis of Quinolinone Natural Products*	Johannes Schwan	Christmann/OC
18	*Dendritic polyglycerols as carriers for the delivery of highly potent drugs*	Nadine Rades	Haag/OC
19	*Mussel-Inspired Polyglycerol as Surface Coatings with Controllable Wettability*	Christoph Schlaich	Haag/OC
20	*Multivalent Sialylated Polyglycerol Derivatives Inhibit Influenza Virus Propagation*	Sumati Bhatia	Haag/OC
21	*Coiled-coil based peptide hydrogels as synthetic extracellular matrix for stem cell degradation*	Katharina Hagen	Koksch/OC
22	*Impact of fluorinated amino acids on the proteolytic stability of peptides*	Susanne Huhmann	Koksch/OC
23	*Catalytic Activity of Peptide-Nanoparticles Conjugates Regulated by a Conformational Change*	Dorian Mikolajczak	Koksch/OC
24	Planar Chiral Crown Ammonium Rotaxanes: New Directions for Mechanically Interlocked Molecules	Marius Gaedke	Schalley/OC
25	Orthogonal switching of a cucurbit[8]uril complex by pH and redox Stimuli	Stefan Schoder	Schalley/OC
26	Tandem mass spectrometric and ion mobility studies of multivalently bound supramolecular complexes	Jan M. Wollschläger	Schalley/OC
27	*Elektrochemische CO_2 Reduktion mit homogenen Übergangsmetallkatalysatoren*	Stefan Hentschel	Tzschucke/OC
28	*Palladiumkatalysierte C-H-Aktivierung und C-C-Kupplung*	Christoph Tzschucke	Tzschucke/OC
29	*Biomedical application of Thermo-responsive Nanogels with NIR Transducers for the Controlled Transport and Release of Therapeutic Molecules*	Loryn Fechner/ Emanuel Glitscher	Calderon/OC
30	*Thermoresponsive Nanogels for Cutaneous Drug Delivery*	Ernesto Osorio Blanco	Calderon/OC
31	*Comparison of Endogenous Triggers for the Drug Release from Polymer-Drug Conjugates by Fluorescent Turn-on Probes*	Gregor Nagel	Calderon/OC
32	*Highly Dipolar Molecules on Graphene*	Philipp Rietsch	Eigler/OC

33	*Synthesis of Bioactive Rearranged Steroidal Natural Products*	Fenja Leena Dücker	Heretsch/OC
34	*Visible Light Activation for the Preparation and Activation of Fluorinated Compounds*	Stefan Dix	Hopkinson/OC
35	*A combined approach of 3D-printing and cell sheet engineering towards complex in vitro tissue models*	Markus Lindner/Laura Elomaa	Weinhart/OC
36	*Thermoresponsive Cell Culture Dishes for Cell Sheet Engineering Applications*	Daniel Stöbener	Weinhart/OC
37	*Multivalent, mucin-inspired virus binding inhibitor based on high molecular weight hyperbranched polyglycerol*	Matthias Müller/ Stephan Block	Block/OC
38	*High Resolution X-Ray Microscopy: Investigating Drug and Nanocarrier Penetration in Skin and Reconstructed Human Skin*	Kenji Yamamoto/ André Klossek	Rühl/PC
39	*Photoelectron scattering processes probed by angular distributions of inner-shell photoelectrons emitted from free SiO_2 nanoparticles*	Felix Gerke/Burkhard Langer/Egill Antonsson	Rühl/PC
40	*Investigation of oxide formation in single levitated micro droplets probed by Raman and X-Ray absorption spectroscopy*	Rene Dallinger/Jonas Schenk	Rühl/PC
41	*Electrochemical reduction of CO_2 on electrodeposited Cu_2O/Cu catalyst*	Prashant Khadke	Roth/PC
42	*A neodymium-oxide nanoparticle-doped carbon felt as promising electrode for Vanadium redox flow batteries*	Abdul Fetyan	Roth/PC
43	*Chemische Prozesse an Festkörperoberflächen*	W. Riedel	Risse/PC
44	*Protonation dynamics of cytochrome c oxidase*	Jovan Dragelj	Knapp/PC
45	*pKa computations with Karlsberg2+*	Enrico Peter	Knapp/PC
46	*Cooperative Effects in Multivalent Systems - A Case Study*	Andreas Achazi	Paulus/TC
47	*First-principles investigations of growth and dissolution of nanocrystals in aqueous environments: The influence of defects*	Christian Becker	Paulus/TC
48	*Chemically modified graphene derivatives: Graphene halogens and pseudohalogens - A theoretical study*	Lukas E. Marsoner Steinkasserer	Paulus/TC
49	*Structural Basis for the Recognition of the Proline-Rich Sequences by FBP21 t-WW Domains*	Stevan Aleksić	Keller/TC
50	*Markov State Models with Girsanov Reweighting*	Luca Donati	Keller/TC
51	*One-step Protein Labeling with Tubulin Tyrosine Ligase – Substrate Scope Explained by Computational Studies*	Oliver Lemke	Keller/TC
52	*Non-equilibrium Phenomena in Nanostructured Materials*	Jean Christophe Tremblay	Tremblay/TC
53	*Low-lying Electronic Terms of the Diatomic Molecules AB (A = Sc – Ni, B = Cu/Ag/Au)*	Davood Alizadeh Sanati	Andrae/TC
54	*Systematic Theoretical Studies of Complete Classes of Compounds*	Dirk Andrae	Andrae/TC
55	*Odd skipped-related 1 (Osr1) identifies embryonic fibro-adipogenic progenitors (FAPs) and regulates a pro-myogenic transcriptional program during limb development*	Pedro Vallecillo-Garcia	Stricker/BC
56	*Function of Neurofibromin (Nf1) in muscle stem cell metabolic reprogramming*	Xiaoxyan Wei	Stricker/BC
57	*Noggin is essential for maintaining myogenic cell-fate and directing differentiation & fusion during fetal myogenesis*	Arunima Murgai	Stricker/BC
58	*Aktuelle Forschungsarbeiten aus der Didaktik der Chemie I*	Claus Friedrich Bolte	Bolte/Didaktik
59	*Aktuelle Forschungsarbeiten aus der Didaktik der Chemie II*	Sabine Streller	Bolte/Didaktik
60	*Das Schülerlabor für Biologie und Chemie - Experimente für Sachunterricht und NaWi*	Clara v. Randow	Skiebe/NatLab
61	*Das Schülerlabor für Biologie und Chemie - Experimente für Oberstufenkurse der Biologie*	Clara von Randow	Skiebe/NatLab
62	*Das Schülerlabor für Biologie und Chemie - Experimente für Oberstufenkurse der Chemie*	Clara von Randow	Skiebe/NatLab
63	*Gerätezentrum BioSupraMol*	Kai Ludwig	Core Facility
64	*Gerätezentrum BioSupraMol - Mikrofluidik*	Wenzhong Li	Core Facility
65	*Gerätezentrum BioSupraMol - Elektronenmikroskopie*	Kai Ludwig	Core Facility
66	*Gerätezentrum BioSupraMol – Optische Mikroskope*	Katharina Achazi	Core Facility