

List of Publications

Götz Schlotterbeck

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RG Score: 33.19

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- 54 Gaugler , S.; Rykl ,J.; Wegner , I.; von Däniken , T.; Fingerhut , R.; Schlotterbeck, G.; *Int. J. Neonatal Screen.* **2018**, *4*, 2
"Extended and Fully Automated Newborn Screening Method for Mass Spectrometry Detection"
- 53 Zabela, V.; Hettich, T.; Schlotterbeck, G.; Wimmer, L.; Mihovilovic, M.D.; Guillet, F.; Bouaita, B.; Shevchenko, B.; Hamburger, M.; Oufir, M.; *J. Chromatogr. B.*, **2018**, *1072*, 379
"GABA A receptor activity modulating piperine analogs: In vitro metabolic stability, metabolite identification, CYP450 reaction phenotyping, and protein binding"
- 52 Amberg A., Riefke B., Schlotterbeck G., Ross A., Senn H., Dieterle F., Keck M., *Methods Mol. Biol.*, **2017**, *1641*, 229.
"NMR and MS Methods for Metabolomics. "
- 51 Cvetković,B.Z.; Rothardt,J.; Büttler, A.; Kunz, D.; Schlotterbeck, G.; Wieland, E.; *Env. Engineering Sci.* **2017** ahead of print. <https://doi.org/10.1089/ees.2017.0216>.
"Formation of Low-Molecular-Weight Organic Compounds During Anoxic Corrosion of Zero-Valent Iron"
- 50 Rossetti, F.F; Siegmann, K.; Köser, J.; Wegner, I.; Keskin, I.; Schlotterbeck, G.; Winkler, M.; *Int. J. Polymer Sci.* vol. 2017, Article ID 2823604, 10 pages, **2017**.
doi:10.1155/2017/2823604.
"Antimicrobial Polyethylene through Melt Compounding with Quaternary Ammonium Salts"
- 49 Alam, S.; Anugraham, ; Huang, YL.; Kohler, R.S.; Hettich, T.; Winkelbach, K.; Grether, Y.; Núñez López, M.; Khasbiullina, N.; Bovin, N.V.; Schlotterbeck, G.; Jacob, F.; *Sci. Rep.* **2017**, *7*, 45367; doi: 10.1038/srep45367.
"Altered (neo-) lacto series glycolipid biosynthesis impairs a2-6 sialylation on N-glycoproteins in ovarian cancer cells"
- 48 Prost, J.C.; Brunner, F.; Bovet, C.; Grob, C.; Berchtold, C.; Schlotterbeck, G.; Kröll, D.; Largiadèr, C.R.; Fiedler, G.M.; Juillerat,P.; *Clin.Mass Spectrom.*, **2017**, *3*, 1.
"A UHPLC–MS/MS method for the quantification of 7a-hydroxy-4-cholesten-3-one to assist in diagnosis of bile acid malabsorption"
- 47 Kohler, R.S.; Anugraham, M.; Núñez López, M.; Xiao, C.; Schoetzau, A.; Hettich, T.; Schlotterbeck, G.; Fedier, A.; Jacob, F.; Heinzelmann-Schwarz, V.; *Geburtshilfe Frauenheilkd* **2016**; *76* - FV006, DOI: 10.1055/s-0036-1593243
"Low MGAT3 expression identifies long-term survivors with high grade serous ovarian cancer"

- 46 Berchtold, C.; Wegner, I.; Gaugler, S.; Wyss, M.; von Däniken, T.; Fingerhut, R.; Schlotterbeck, G.; *Chimia*, **2016**, *70*, 642.
"Fully Automatized Newborn Screening for Acylcarnitines, Amino Acids and Steroids by LC-MS."
- 45 Dussy, F.E.; Hangartner, S.; Hamberg, C.; Berchtold, C.; Scherer, U.; Schlotterbeck, G.; Wyler, D.; Briellmann, T.A.; *J. Anal Toxicol*, **2016**; *40*, 761. doi:10.1093/jat/bkw096
"An Acute Ocfentanil Fatality: A Case Report with Postmortem Concentrations"
- 44 Jähne, E.A.; Eigenmann, D.E.; Moradi-Afrapoli, F.; Verjee, S.; Butterweck, V.; Hebeisen, S.; Hettich, T.; Schlotterbeck, G.; Smieško, M.; Hamburger, M.; Oufir, M.; *Planta Medica*, **2016**, *82*, 1192.
"Caco-2 Permeability Studies and In Vitro hERG Liability Assessment of Tryptanthrin and Indolinone"
- 43 Kohler, R.T.; Anugraham, M.; Núñez López, M.; Xiao, C.; Schoetzau, A.; Hettich, T.; Schlotterbeck, G.; Fedier, A.; Jacob, F.; Heinzelmann-Schwarz, V.; *Oncotarget*, **2016**, *7*, 51674.
"Epigenetic activation of MGAT3 and corresponding bisecting GlcNAc shortens the survival of cancer patients."
- 42 Hettich, T.; Schlotterbeck, G.; *Chimia*, **2015**, *69*, 294 .
"Novel Analytical Workflow for Comprehensive Non-targeted Phytochemical Metabolic Profiling."
- 41 Wedler, J, Daubitz, T.; Schlotterbeck, G.; Butterweck, V.; *Planta Med* **2014**; *80*, 1678.
"In Vitro Anti-Inflammatory and Wound-Healing Potential of a Phyllostachys edulis Leaf Extract - Identification of Isoorientin as an Active Compound."
- 40 Lanshoeft, C.; Heudi, O.; Leuthold, L.A.; Schlotterbeck, G.; Elbast, W.; Picard, F.; Kretz, O.; *Anal Bioanal Chem* **2014**, *406*, 5413.
"Laser diode thermal desorption atmospheric pressure chemical ionization tandem mass spectrometry applied for the ultra-fast quantitative analysis of BKM120 in human plasma"
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"Development, validation, and application of a novel LC-MS/MS trace analysis method for the simultaneous quantification of seven iodinated X-ray contrast media and three artificial sweeteners in surface, ground, and drinking water"
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"Experiments for a systematic comparison between stable-isotope-(deuterium) labeling and radio-(14C) labeling for the elucidation of the in-vitro metabolic pattern of pharmaceutical drugs"

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"Extraktion von Flavonoiden aus Bambusblättern"
- 36 Schlotterbeck, G., Hettich, T., Butterweck, V., Riedl, W.; *Chimia* **2013**, *67*, 7.
"Synergy of Metabolic Profiling, Pharmacological Testing and Process Engineering Enables Inauguration of a Bamboo Pilot Plant Extraction Unit in Fujian, China"
- 35 Schlotterbeck, G., Hettich, T., Riedl, W., Butterweck, V.; *Planta Med.* **2013**, *79*, 1115.
"LC-MS/MS Metabolic profiling of different Bamboo leaf extracts"
- 34 Daubitz, T., Riedl, W., Schlotterbeck, G., Nieber, K., Butterweck, V.; *Planta Med.* **2013**, *79*, 1153.
"Phyllostachys edulis leaf extract reduces TNF α -induced release of VEGF and IL-8 in immortalized HaCaT cells"
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- 32 Adhami, R.H, Scherer, U.; Kaehlig, H.P; Hettich, T.; Schlotterbeck, G.; Reich, E.; Krenn, L.; *Phytochemical Anal.* **2013**,*24*, 395.
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- 30 Gössi, A.; Scherer, U.; Schlotterbeck, G.; *Chimia* **2012**, *66*, 347.
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"LC-SPE-NMR-MS: a total analysis system for bio-analysis"
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