

# Reinhard Oertel

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

1,426  
citations

394421

19  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2079  
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical Pharmacokinetics of Articaine. <i>Clinical Pharmacokinetics</i> , 1997, 33, 417-425.	3.5	179
2	Simultaneous determination of most prescribed antibiotics in multiple urban wastewater by SPE-LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 969, 162-170.	2.3	170
3	Spatio-temporal assessment of illicit drug use at large scale: evidence from 7 years of international wastewater monitoring. <i>Addiction</i> , 2020, 115, 109-120.	3.3	154
4	Occurrence and removal of frequently prescribed pharmaceuticals and corresponding metabolites in wastewater of a sewage treatment plant. <i>Science of the Total Environment</i> , 2015, 532, 762-770.	8.0	153
5	Direct demonstration of small intestinal secretion and site-dependent absorption of the $\beta$ -blocker talinolol in humans*. <i>Clinical Pharmacology and Therapeutics</i> , 1996, 59, 541-549.	4.7	130
6	Development of a SPE-HPLC-MS/MS method for the determination of most prescribed pharmaceuticals and related metabolites in urban sewage samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 990, 23-30.	2.3	66
7	Mass flow of antibiotics in a wastewater treatment plant focusing on removal variations due to operational parameters. <i>Science of the Total Environment</i> , 2015, 538, 779-788.	8.0	58
8	Pharmacokinetic-Pharmacodynamic Modeling of the Electroencephalogram Effects of Scopolamine in Healthy Volunteers. <i>Journal of Clinical Pharmacology</i> , 2001, 41, 51-60.	2.0	54
9	Unexpected effect of verapamil on oral bioavailability of the $\beta$ -blocker talinolol in humans. <i>Clinical Pharmacology and Therapeutics</i> , 1999, 65, 283-290.	4.7	51
10	Radiosensitization of NSCLC cells by EGFR inhibition is the result of an enhanced p53-dependent G1 arrest. <i>Radiotherapy and Oncology</i> , 2015, 115, 120-127.	0.6	47
11	Simultaneous determination of three anticonvulsants using hydrophilic interaction LC-MS. <i>Journal of Separation Science</i> , 2009, 32, 238-243.	2.5	42
12	Sewer sediment-bound antibiotics as a potential environmental risk: Adsorption and desorption affinity of 14 antibiotics and one metabolite. <i>Environmental Pollution</i> , 2018, 239, 638-647.	7.5	42
13	Representative input load of antibiotics to WWTPs: Predictive accuracy and determination of a required sampling quantity. <i>Water Research</i> , 2015, 76, 19-32.	11.3	39
14	Evaluation of the matrix effect of different sample matrices for 33 pharmaceuticals by post-column infusion. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1000, 84-94.	2.3	36
15	Lack of Trex1 Causes Systemic Autoimmunity despite the Presence of Antiretroviral Drugs. <i>Journal of Immunology</i> , 2017, 199, 2261-2269.	0.8	31
16	Evaluation of Two Methods to Concentrate SARS-CoV-2 from Untreated Wastewater. <i>Pathogens</i> , 2021, 10, 195.	2.8	30
17	Effects of physostigmine on scopolamine-induced changes in quantitative electroencephalogram and cognitive performance. , 1998, 13, 199-210.		22
18	Determination of clindamycin and its metabolite clindamycin sulfoxide in diverse sewage samples. <i>Environmental Science and Pollution Research</i> , 2014, 21, 11764-11769.	5.3	21

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19	Abiotic, biotic and photolytic degradation affinity of 14 antibiotics and one metabolite – batch experiments and a model framework. <i>Environmental Pollution</i> , 2018, 241, 339-350.	7.5	20
20	Hot spots of antibiotic tolerant and resistant bacterial subpopulations in natural freshwater biofilm communities due to inevitable urban drainage system overflows. <i>Environmental Pollution</i> , 2018, 242, 164-170.	7.5	20
21	Development and validation of a hydrophilic interaction liquid chromatography-tandem mass spectrometry method for the quantification of the antidiabetic drug metformin and six others pharmaceuticals in wastewater. <i>Journal of Chromatography A</i> , 2018, 1556, 73-80.	3.7	19
22	Post-column infusion of internal standard quantification for liquid chromatography-electrospray ionization-tandem mass spectrometry analysis – Pharmaceuticals in urine as example approach. <i>Journal of Chromatography A</i> , 2018, 1535, 80-87.	3.7	12
23	Physostigmine reversal of midazolam-induced electroencephalographic changes in healthy subjects. <i>Clinical Pharmacology and Therapeutics</i> , 2000, 67, 538-548.	4.7	11
24	Investigations into distribution of lidocaine in human autopsy material. <i>Biomedical Chromatography</i> , 2015, 29, 1290-1296.	1.7	7
25	Usability of Functional MRI in Clinical Studies for Fast and Reliable Assessment of Renal Perfusion and Quantification of Hemodynamic Effects on the Kidney. <i>Journal of Clinical Pharmacology</i> , 2018, 58, 466-473.	2.0	6
26	Determination of the novel melatonin agonist Neu-P11 in plasma samples by liquid chromatography–tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 74, 66-70.	2.8	3
27	Synergistic Adverse Effects of Azithromycin and Hydroxychloroquine on Human Cardiomyocytes at a Clinically Relevant Treatment Duration. <i>Pharmaceuticals</i> , 2022, 15, 220.	3.8	3