

Anke Neumann

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

2,921
citations

201674

27
h-index

175258

52
g-index

74
all docs

74
docs citations

74
times ranked

3174
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation and characterization of Dehalospirillum multivorans gen. nov., sp. nov., a tetrachloroethene-utilizing, strictly anaerobic bacterium. Archives of Microbiology, 1995, 163, 48-56.	2.2	335
2	Pioglitazone and risk of bladder cancer among diabetic patients in France: a population-based cohort study. Diabetologia, 2012, 55, 1953-1962.	6.3	252
3	Purification and Characterization of Tetrachloroethene Reductive Dehalogenase from. Journal of Biological Chemistry, 1996, 271, 16515-16519.	3.4	194
4	Tetrachloroethene metabolism of Dehalospirillum multivorans. Archives of Microbiology, 1994, 162, 295-301.	2.2	193
5	Trends in attention-deficit hyperactivity disorder medication use: a retrospective observational study using population-based databases. Lancet Psychiatry, 2018, 5, 824-835.	7.4	187
6	Evidence-based pharmacotherapy after myocardial infarction in France: Adherence-associated factors and relationship with 30-month mortality and rehospitalization. Archives of Cardiovascular Diseases, 2010, 103, 363-375.	1.6	114
7	Benfluorex and valvular heart disease: a cohort study of a million people with diabetes mellitus. Pharmacoepidemiology and Drug Safety, 2010, 19, 1256-1262.	1.9	107
8	Tetrachloroethene reductive dehalogenase of Dehalospirillum multivorans : substrate specificity of the native enzyme and its corrinoid cofactor. Archives of Microbiology, 2002, 177, 420-426.	2.2	105
9	Cardiovascular effect of discontinuing statins for primary prevention at the age of 75 years: a nationwide population-based cohort study in France. European Heart Journal, 2019, 40, 3516-3525.	2.2	97
10	Properties of tetrachloroethene and trichloroethene dehalogenase of Dehalospirillum multivorans. Archives of Microbiology, 1995, 163, 276-281.	2.2	90
11	Characterization of newly isolated oleaginous yeasts - Cryptococcus podzolicus, Trichosporon porosum and Pichia segobiensis. AMB Express, 2014, 4, 24.	3.0	71
12	Combined secondary prevention after hospitalization for myocardial infarction in France: Analysis from a large administrative database. Archives of Cardiovascular Diseases, 2009, 102, 279-292.	1.6	52
13	Oral anticoagulation therapy use in patients with atrial fibrillation after the introduction of non-vitamin K antagonist oral anticoagulants: findings from the French healthcare databases, 2011-2016. BMJ Open, 2019, 9, e026645.	1.9	48
14	Sequential Mixed Cultures: From Syngas to Malic Acid. Frontiers in Microbiology, 2016, 7, 891.	3.5	44
15	Evidence for a Radical Mechanism of the Dechlorination of Chlorinated Propenes Mediated by the Tetrachloroethene Reductive Dehalogenase of <i>Sulfurospirillum multivorans</i> . Environmental Science & Technology, 2007, 41, 7370-7375.	10.0	43
16	Process characterization and influence of alternative carbon sources and carbon-to-nitrogen ratio on organic acid production by <i>Aspergillus oryzae</i> DSM1863. Applied Microbiology and Biotechnology, 2014, 98, 5449-5460.	3.6	43
17	Formic Acid Formation by <i>Clostridium ljungdahlii</i> at Elevated Pressures of Carbon Dioxide and Hydrogen. Frontiers in Bioengineering and Biotechnology, 2018, 6, 6.	4.1	43
18	Statistical shape model based segmentation of medical images. Computerized Medical Imaging and Graphics, 1998, 22, 133-143.	5.8	40

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19	The influence of different nitrogen and carbon sources on mycotoxin production in <i>Alternaria alternata</i> . <i>International Journal of Food Microbiology</i> , 2011, 147, 120-126.	4.7	37
20	CO-dependent hydrogen production by the facultative anaerobe <i>Parageobacillus thermoglucosidasius</i> . <i>Microbial Cell Factories</i> , 2018, 17, 108.	4.0	37
21	Syngas-aided anaerobic fermentation for medium-chain carboxylate and alcohol production: the case for microbial communities. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 8689-8709.	3.6	35
22	Phenyl methyl ethers: novel electron donors for respiratory growth of <i>Desulfitobacterium hafniense</i> and <i>Desulfitobacterium</i> sp. strain PCE-S. <i>Archives of Microbiology</i> , 2004, 181, 245-249.	2.2	33
23	Influence of pH and carbon to nitrogen ratio on mycotoxin production by <i>Alternaria alternata</i> in submerged cultivation. <i>AMB Express</i> , 2012, 2, 28.	3.0	33
24	Clinical Events After Discontinuation of β -Blockers in Patients Without Heart Failure Optimally Treated After Acute Myocardial Infarction. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2018, 11, e004356.	2.2	32
25	Connecting gasification with syngas fermentation: Comparison of the performance of lignin and beech wood. <i>Fuel</i> , 2021, 290, 120054.	6.4	30
26	ANAEROBIC TRANSFORMATION OF COMPOUNDS OF TECHNICAL TOXAPHENE. I. REGIOSPECIFIC REACTION OF CHLOROBORNANES WITH GEMINAL CHLORINE ATOMS. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 2614.	4.3	29
27	Impact of Free Universal Medical Coverage on Medical Care and Outcomes in Low-Income Patients Hospitalized for Acute Myocardial Infarction. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2011, 4, 619-625.	2.2	29
28	A non-dechlorinating strain of <i>Dehalospirillum multivorans</i> : evidence for a key role of the corrinoid cofactor in the synthesis of an active tetrachloroethene dehalogenase. <i>Archives of Microbiology</i> , 2002, 178, 443-449.	2.2	28
29	Were less disabled patients the most affected by 2003 heat wave in nursing homes in Paris, France?. <i>Journal of Public Health</i> , 2005, 27, 359-365.	1.8	28
30	Non-bleeding Adverse Events with the Use of Direct Oral Anticoagulants: A Sequence Symmetry Analysis. <i>Drug Safety</i> , 2018, 41, 881-897.	3.2	28
31	Growth and Product Formation of <i>Clostridium ljungdahlii</i> in Presence of Cyanide. <i>Frontiers in Microbiology</i> , 2018, 9, 1213.	3.5	25
32	Implantation and patient profiles for pacemakers and cardioverter-defibrillators in France (2008-2009). <i>Archives of Cardiovascular Diseases</i> , 2011, 104, 332-342.	1.6	24
33	Comparative effectiveness of rosuvastatin versus simvastatin in primary prevention among new users: a cohort study in the French national health insurance database. <i>Pharmacoepidemiology and Drug Safety</i> , 2014, 23, 240-250.	1.9	24
34	Abiotic Transformation of Toxaphene by Superreduced Vitamin B12 and Dicyanocobinamide. <i>Environmental Science & Technology</i> , 2004, 38, 3063-3067.	10.0	23
35	Covariate adjustment of cumulative incidence functions for competing risks data using inverse probability of treatment weighting. <i>Computer Methods and Programs in Biomedicine</i> , 2016, 129, 63-70.	4.7	23
36	Side-by-Side Comparison of Clean and Biomass-Derived, Impurity-Containing Syngas as Substrate for Acetogenic Fermentation with <i>Clostridium ljungdahlii</i> . <i>Fermentation</i> , 2020, 6, 84.	3.0	22

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37	Graphical gaussian shape models and their application to image segmentation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2003, 25, 316-329.	13.9	21
38	ANAEROBIC TRANSFORMATION OF COMPOUNDS OF TECHNICAL TOXAPHENE. 2. FATE OF COMPOUNDS LACKING GEMINAL CHLORINE ATOMS. Environmental Toxicology and Chemistry, 2004, 23, 591.	4.3	21
39	Non-porous magnetic micro-particles: Comparison to porous enzyme carriers for a diffusion rate-controlled enzymatic conversion. Journal of Biotechnology, 2008, 134, 72-78.	3.8	21
40	Evaluation of Media Components and Process Parameters in a Sensitive and Robust Fed-Batch Syngas Fermentation System with Clostridium ljungdahlii. Fermentation, 2020, 6, 61.	3.0	21
41	Growth-substrate dependent dechlorination of 1,2-dichloroethane by a homoacetogenic bacterium. Biodegradation, 2003, 14, 241-247.	3.0	20
42	Comparative genomic analysis of Parageobacillus thermoglucosidasius strains with distinct hydrogenogenic capacities. BMC Genomics, 2018, 19, 880.	2.8	20
43	Genomic insights into the lifestyles, functional capacities and oleagenicity of members of the fungal family Trichosporonaceae. Scientific Reports, 2020, 10, 2780.	3.3	19
44	Measuring performance in health care: case-mix adjustment by boosted decision trees. Artificial Intelligence in Medicine, 2004, 32, 97-113.	6.5	18
45	Draft Genome Sequence of the Oleaginous Yeast <i>Saitozyma podzolica</i> (syn. <i>Cryptococcus</i>) Tj ETQq1 1 0.784314 rsgBT /Over 0.6 17	0.6	17
46	Combination of algae and yeast fermentation for an integrated process to produce single cell oils. Applied Microbiology and Biotechnology, 2014, 98, 7793-7802.	3.6	16
47	Conventional mood stabilizers and/or second-generation antipsychotic drugs in bipolar disorders: A population-based comparison of risk of treatment failure. Journal of Affective Disorders, 2019, 257, 412-420.	4.1	14
48	Effects of different operating parameters on hydrogen production by Parageobacillus thermoglucosidasius DSM 6285. AMB Express, 2019, 9, 207.	3.0	12
49	Global Transcriptome Profile of the Oleaginous Yeast <i>Saitozyma podzolica</i> DSM 27192 Cultivated in Glucose and Xylose. Journal of Fungi (Basel, Switzerland), 2021, 7, 758.	3.5	11
50	Kinetic analysis and modeling of the liquid-liquid conversion of emulsified diacylglycerol lipids by Naringinase from <i>Penicillium decumbens</i> . Biotechnology and Bioengineering, 2009, 102, 9-19.	3.3	10
51	Oral anticoagulants and risk of acute liver injury in patients with nonvalvular atrial fibrillation: a propensity-weighted nationwide cohort study. Scientific Reports, 2020, 10, 11624.	3.3	10
52	Process development for the elucidation of mycotoxin formation in <i>Alternaria alternata</i> . AMB Express, 2011, 1, 27.	3.0	8
53	Pioglitazone and risk of bladder cancer: clarification of the design of the French study. Reply to Perez AT [letter]. Diabetologia, 2013, 56, 228-229.	6.3	8
54	In silico Proteomic Analysis Provides Insights Into Phylogenomics and Plant Biomass Deconstruction Potentials of the Tremelalles. Frontiers in Bioengineering and Biotechnology, 2020, 8, 226.	4.1	8

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55	Recombinant Proteins: A new material for the chemical stabilisation of copper pigment corrosion on paper?. Restaurator, 2009, 30, .	0.2	7
56	Deactivation Kinetics and Response Surface Analysis of the Stability of Î±-L-Rhamnosidase from Penicillium decumbens. Applied Biochemistry and Biotechnology, 2009, 152, 29-41.	2.9	7
57	Investigating the Processing Potential of Ethiopian Agricultural Residue Enset/Ensete ventricosum for Biobutanol Production. Bioengineering, 2022, 9, 133.	3.5	7
58	Genes responsible for hydantoin degradation of a halophilic Ochrobactrum sp. G21 and Delftia sp. I24 â€” New insight into relation of d-hydantoinases and dihydropyrimidinases. Journal of Molecular Catalysis B: Enzymatic, 2008, 52-53, 2-12.	1.8	6
59	Time-course Transcriptome of Parageobacillus thermoglucosidasius DSM 6285 Grown in the Presence of Carbon Monoxide and Air. International Journal of Molecular Sciences, 2020, 21, 3870.	4.1	6
60	Characteristics and management of diabetic patients hospitalized for myocardial infarction in France. Diabetes and Metabolism, 2010, 36, 129-136.	2.9	5
61	The Complex Way to Sustainability: Petroleum-Based Processes versus Biosynthetic Pathways in the Formation of C4 Chemicals from Syngas. Industrial & Engineering Chemistry Research, 2019, 58, 15863-15871.	3.7	5
62	Acetogenic Fermentation From Oxygen Containing Waste Gas. Frontiers in Bioengineering and Biotechnology, 2019, 7, 433.	4.1	5
63	Teaching bioprocess engineering to undergraduates: Multidisciplinary handsâ€”on training in a oneâ€”week practical course. Biochemistry and Molecular Biology Education, 2015, 43, 189-202.	1.2	4
64	Carbon Monoxide Induced Metabolic Shift in the Carboxydrotrophic Parageobacillus thermoglucosidasius DSM 6285. Microorganisms, 2021, 9, 1090.	3.6	3
65	Evaluation of enzyme carriers as biocatalysts for the conversion of emulsified rhamnolipids. Biocatalysis and Biotransformation, 2009, 27, 237-245.	2.0	2
66	Microbial Production of Value-Added Chemicals from Pyrolysis Oil and Syngas. , 2016, , 69-105.		2
67	<title>Statistical shape description using Gaussian Markov random fields and its application to medical image segmentation</title>. , 1999, , .		1
68	Vitamin K antagonists did not increase the risk of myelodysplastic syndrome in a large-scale cohort study. Blood, 2021, 138, 417-420.	1.4	1
69	A regression shrinkage method tailored to qualitative regressors and clustered data. Statistics in Medicine, 2004, 23, 1147-1157.	1.6	0
70	Anaerobic transformation of four abundant organochlorine pesticide residues (B8-1413, B9-1679,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 multivorans. Toxicological and Environmental Chemistry, 2005, 87, 229-235.	1.2	0
71	Comparison and application of selected statistical shape models in medical imaging. Lecture Notes in Computer Science, 1997, , 680-687.	1.3	0