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Veröffentlichungen

des Helmholtz-Zentrums für Umweltforschung – UFZ

Vorbemerkung

Das vorliegende Veröffentlichungsverzeichnis umfasst die im Jahr 2021 erschienenen Publikationen, die von Beschäftigten des Helmholtz-Zentrums für Umweltforschung – UFZ verfasst, mitverfasst oder herausgegeben wurden.

Mit dem 01.01.2021 ist die Helmholtz-Gemeinschaft in die vierte Periode der programmorientierten Förderung (PoF IV) eingetreten. In der PoF IV ist das UFZ an einem einzigen Helmholtz-Forschungsprogramm, "Changing Earth - Sustaining our Future", des Forschungsbereichs Erde und Umwelt beteiligt, sodass alle UFZ-Publikationen diesem Programm und seinen Programm-Topics zugeordnet werden.

Redaktionsschluss für diese Publikationsliste war der 31.01.2022.

UFZ-Beschäftigte sind im Unterschied zu Externen bei allen Publikationen durch **fette Schrift** hervorgehoben.

Das anschließende Autorenregister verzeichnet alle UFZ-Namen in alphabetischer Reihenfolge mit den laufenden Nummern der zugehörigen Publikationen.

Inhaltsverzeichnis

Veröffentlichungen in ISI/Scopus-gelisteten Zeitschriften/Schriftenreihen.....	3
Veröffentlichungen in anderen Zeitschriften.....	136
Bücher.....	144
Buchherausgaben.....	147
Buchkapitel.....	149
Berichte.....	162
Berichtartikel.....	168
Tagungsbeiträge.....	170
UFZ-Autorenregister.....	174

Veröffentlichungen in ISI/Scopus-gelisteten Zeitschriften/Schriftenreihen

1. Aalizadeh, R., Alygizakis, N.A., Schymanski, E.L., **Krauss, M.**, Schulze, T., Ibáñez, M., McEachran, A.D., Chao, A., Williams, A.J., Gago-Ferrero, P., Covaci, A., Moschet, C., Young, T.M., Hollender, J., Slobodnik, J., Thomaidis, N.S. (2021):
Development and application of liquid chromatographic retention time indices in HRMS-based suspect and nontarget screening
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Multiple potential plant growth promotion activities of endemic *Streptomyces* spp. from Moroccan sugar beet fields with their inhibitory activities against *Fusarium* spp.
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3. Abu Quba, A.A., Schaumann, G.E., **Karagulyan, M.**, Diehl, D. (2021):
Quality control of direct cell-mineral adhesion measurements in air and liquid using inverse AFM imaging
RSC Advances **11** (10), 5384 - 5392
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8. Albert, G., Gallegos, S.C., Greig, K.A., **Hanisch, M.**, Limache de la Fuente, D., Föst, S., Maier, S.D., Sarathchandra, C., Phillips, H.R.P., Kambach, S. (2021):
The conservation value of forests and tree plantations for beetle (Coleoptera) communities: A global meta-analysis
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9. Alexandridis, A., Marion, G., Chaplin-Kramer, R., Dainese, M., Ekroos, J., Grab, H., Jonsson, M., Karp, D.S., Meyer, C., O'Rourke, M.E., Pontarp, M., Poveda, K., **Seppelt, R.**, Smith, H.G., Martin, E.A., Clough, Y. (2021):
Models of natural pest control: Towards predictions across agricultural landscapes
Biol. Control **163**, art. 104761
10. Allen, J., Gross, E.M., Courcoul, C., Bouletreau, S., Compin, A., Elger, A., Ferriol, J., Hilt, S., Jassey, V.E.J., Laviale, M., **Polst, B.H.**, **Schmitt-Jansen, M.**, Stibor, H., Vijayaraj, V., Leflaive, J. (2021):
Disentangling the direct and indirect effects of agricultural runoff on freshwater ecosystems subject to global warming: A microcosm study
Water Res. **190**, art. 116713
11. **Allendorf, F.**, **Goss, K.-U.**, **Ulrich, N.** (2021):
Estimating the equilibrium distribution of perfluoroalkyl acids (PFAAs) and four of their alternatives in mammals
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12. Alric, B., Dézerald, O., Meyer, A., Billoir, E., Coulaud, R., **Larras, F.**, Mondy, C.P., Usseglio-Polatera, P. (2021):
How diatom-, invertebrate- and fish-based diagnostic tools can support the ecological assessment of rivers in a multi-pressure context: temporal trends over the past two decades in France
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14. Amano, T., Berdejo-Espinola, V., Christie, A.P., Willott, K., Akasaka, M., Báldi, A., Berthinussen, A., Bertolino, S., Bladon, A.J., Chen, M., Choi, C.-Y., Bou Dagher Kharrat, M., de Oliveira, L.G., Farhat, P., **Golivets, M.**, Hidalgo Aranzamendi, N., Jantke, K., Kajzer-Bonk, J., Çisel Kemahlı Aytekin, M., Khorozyan, I., Kito, K., Konno, K., Lin, D.-L., Littlewood, N., Liu, Y., Liu, Y., Loretto, M.-C., Marconi, V., Martin, P.A., Morgan, W.H., Narváez-Gómez, J.P., Negret, P.J., Nourani, E., Ochoa Quintero, J.M., Ockendon, N., **Oh, R.Y.R.**, Petrovan, S.O., Piovezan-Borges, A.C., Pollet, I.L., Ramos, D.L., Reboreda Segovia, A.L., Rivera-Villanueva, A.N., Rocha, R., Rouyer, M.-M., Sainsbury, K.A., Schuster, R., Schwab, D., Şekercioğlu, Ç.H., Seo, H.-M., Shackelford, G., Shinoda, Y., Smith, R.K., Tao, S.-D., Tsai, M.-S., Tyler, E.H.M., Vajna, F., Valdebenito, J.O., Vozykova, S., Waryszak, P., Zamora-Gutierrez, V., Zenni, R.D., Zhou, W., Sutherland, W.J. (2021): Tapping into non-English-language science for the conservation of global biodiversity *PLoS Biol.* **19** (10), e3001296
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16. Anders, J., **Petruschke, H.**, **Jehmlich, N.**, **Haange, S.-B.**, **von Bergen, M.**, Stadler, P.F. (2021): A workflow to identify novel proteins based on the direct mapping of peptide-spectrum-matches to genomic locations *BMC Bioinformatics* **22**, art. 277
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18. Anguelovski, I., Cole, H.V.S., O'Neill, E., Baró, F., Kotsila, P., Sekulova, F., **Pérez del Pulgar, C.**, Shokry, G., García-Lamarca, M., Argüelles, L., Connolly, J.J.T., Honey-Rosés, J., López-Gay, A., Fontán-Vela, M., Matheney, A., Oscilowicz, E., Binet, A., Triguero-Mas, M. (2021): Gentrification pathways and their health impacts on historically marginalized residents in Europe and North America: Global qualitative evidence from 14 cities *Health Place* **72**, art. 102698

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28. **Ayeh, D.**, Bleicher, A. (2021):
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30. Baatz, R., Hendricks Franssen, H.J., Euskirchen, E., Sihi, D., Dietze, M., Ciavatta, S., Fennel, K., Beck, H., De Lannoy, G., Pauwels, V.R.N., Raiho, A., Montzka, C., Williams, M., Mishra, U., Poppe, C., **Zacharias, S.**, **Lausch, A.**, **Samaniego, L.**, Van Looy, K., Bogena, H., Adamescu, M., **Mirtl, M.**, Fox, A., Goergen, K., Naz, B.S., Zeng, Y., Vereecken, H. (2021):
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Factors affecting spatial and temporal variability of metals in drainage water from arable fields
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32. Bader, M.Y., Llambí, L.D., Case, B.S., Buckley, H.L., Toivonen, J.M., Camarero, J.J., Cairns, D.M., Brown, C.D., **Wiegand, T.**, Resler, L.M. (2021):
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41. **Banzhaf, E., Wu, W., Luo, X., Knopp, J.** (2021): Integrated mapping of spatial urban dynamics—A European-Chinese exploration. Part 1—Methodology for automatic land cover classification tailored towards spatial allocation of ecosystem services features
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43. **Bao, K.**, Padsala, R., Coors, V., **Thrän, D.**, Schröter, B. (2021):
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44. Barber, A., **Haase, D.**, Wolff, M. (2021):
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47. **Bartke, S., Schwarze, R.** (2021):
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48. **Bartkowski, B.** (2021):
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52. **Basso, S.**, Botter, G., **Merz, R.**, **Minissi, A.** (2021):
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54. Bastida, F., **Jehmlich, N.**, Starke, R., Benndorf, D., López-Mondéjar, R., Plaza, C., Freixino, Z., Ramírez-Ortuño, C., Ruiz-Navarro, A., Díaz-López, M., Vera, A., Moreno, J.L., Eldridge, D.J., García, C., Delgado-Baquerizo, M. (2021):
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55. **Bathmann, J.**, Peters, R., Reef, R., Berger, U., Walther, M., Lovelock, C.E. (2021):
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56. **Bauer, L.**, Knapp, N., Fischer, R. (2021):
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57. **Bauer, M.** (2021):
The role of GPR15 function in blood and vasculature
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58. **Baumer, A.**, Jäsch, S., Ulrich, N., Bechmann, I., Landmann, J., **Escher, B.I.** (2021):
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70. Beukema, W., Pasmans, F., Van Praet, S., **Ferri-Yáñez, F.**, Kelly, M., Laking, A.E., Erens, J., Speybroeck, J., Verheyen, K., Lens, L., Martel, A. (2021):
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Gemeinschaftskommentare zum Umweltrecht 4
Heymanns, Köln, S. 495 - 509
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Gemeinschaftskommentare zum Umweltrecht 4
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Heymanns, Köln, S. 510 - 524

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Gemeinschaftskommentare zum Umweltrecht 4
Heymanns, Köln, S. 489 - 494
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GK-WHG: Gemeinschaftskommentar zum Wasserhaushaltsgesetz (WHG)
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UFZ-Autorenregister

A

Adrian, L.	111, 146, 455, 518, 584, 607, 633, 788, 789, 821, 858, 910, 975
Ahlheim, J.	611
Ahmadi, P.	6
Ahmed, A.	101
Al-Fathi, H.	885
Al-Subeh, A.	1065, 1066
Albrecht, J.E.	689
Allendorf, F.	11
Altendorf, R.	360, 495, 621, 779, 876, 904, 915
Altendorf, D.	181
Andrzejak, M.	478
Anlanger, C.	20, 702, 915
Apelt, B.	711
Archidona-Yuste, A.	22, 151, 152, 153, 640, 641, 862
Ardila, M.S.	36
Arinaitwe, K.	23
Arnold, J.	749
Atencio, L.C.	689
Attinger, S.	377, 524, 589, 752, 768, 776, 969, 970
Auge, H.	393, 434
Auliya, M.	26, 27, 205, 313
Aurich, A.	424
Ayeh, D.	28, 1063

B

Baborowski, M.	31, 394, 778, 915
Bärlund, I.	915
Bahlburg, D.	33
Baleiro, F.C.F.	36, 37
Bandara, C.D.	40
Banitz, T.	475
Banzhaf, E.	41, 949
Bao, K.	43
Bartke, S.	47, 49, 1092
Bartkowski, B.	48, 49, 50, 295, 390
Basso, S.	52, 53
Bathmann, J.	55, 655, 930
Bauckholt, M.	540
Bauer, C.	784
Bauer, L.	56
Bauer, M.	57, 646, 750, 751, 817
Baumer, A.	58, 59
Beck, S.	61, 62, 472, 631
Becker, J.M.	252
Becker, M.	1213
Beckers, L.-M.	595, 689, 915
Beckmann, M.	77, 274, 638, 770, 806
Bei, Q.	65
Benettoni, P.	264
Benra, F.	68
Berger, U.	23, 606
Berghöfer, A.	704, 1064, 1193
Bertelmann, C.	94
Bevacqua, E.	71, 72, 881
Beyer, M.	714
Bezama, A.	39, 73, 74, 75, 345, 383, 384, 424, 691, 712, 957, 958, 971, 1093, 1122, 1144, 1194
Bicalho, M.	744
Bieczynski, F.	76
Bilke, L.	1094

Binder, M.	80, 140, 392
Birkigt, J.	455, 633
Bittner, L.	689
Blagodatskaya, E.	78, 82, 90, 289, 836, 985
Blaser, S.R.G.A.	501, 1095
Bleicher, A.	1096
Böhme, A.	88
Boehrer, B.	84, 85, 429, 560, 977
Boeing, F.	543, 635
Bohn, F.J.	108, 529, 1182
Bolay, P.	89, 518
Bonhomme, J.	504
Bonn, A.	68, 92, 107, 214, 535, 536, 537, 555, 556, 615, 699, 719, 864, 1101
Boog, J.	1203
Borchardt, D.	280, 394, 495, 915, 955, 956, 959, 998, 1025, 1044, 1060, 1125, 1167, 1195
Borim Corrêa, F.	398
Borsdorf, H.	653, 967, 968
Bouffaud, M.-L.	256
Bovet, J.	754
Bowler, D.	93, 107
Bowler, D.E.	91, 92, 126, 214, 871, 872
Brack, W.	252, 293, 359, 495, 521, 595, 601, 689, 876, 915, 986
Brandenburg, F.	94, 916
Braun, G.	469
Brauns, M.	96, 689, 913, 915
Breitkreuz, C.	97, 98, 99, 686, 892
Brenck, M.E.	385
Bretschneider, L.	101, 102, 999
Breulmann, M.	1065, 1066
Brizola Toscan, R.	406
Brock, J.	104, 105, 1097
Bruelheide, H.	457
Brüning, L.	771
Buchenauer, L.	381, 440
Buchwald, J.	110, 142
Budhraja, R.	111, 146, 789, 910
Büermann, A.	637, 638
Bühler, B.	101, 102, 113, 518, 999, 1098
Bühler, K.	101, 102, 113, 343, 736, 748, 999, 1098, 1105
Büttner, L.	1193
Büttner, O.	956, 1044
Bujak, I.	114
Bumberger, J.	196, 385, 987, 1148
Bunzel, K.	1218
Burian, A.	116, 717
Burkhardt-Medicke, K.	76
Busch, W.	779, 915
Buscot, F.	97, 98, 215, 256, 290, 300, 323, 467, 574, 575, 619, 665, 666, 675, 676, 738, 753, 763, 796, 801, 808, 836, 838, 891, 892, 893, 1003
Butkovskyi, A.	121, 378

C

Cämmerer, M.	653
Cai, W.	123, 143, 145
Calabrese, F.	124, 146
Calabrese, J.M.	125, 614, 776
Can, Ö.	543
Canzler, S.	656, 905
Centler, F.	745
Chakrabarty, R.	1193
Chanthorn, W.	708, 853
Chatzinotas, A.	154, 290, 349, 495, 744, 745, 886, 915
Chen, C.	123, 143, 860
Chen, S.-C.	146
Chen, S.	123, 145
Chen, Y.	148

Chiacchio, M.	1001
Chávez Morejón, M.	311
Clark, A.T.	46, 150, 161, 883
Colina Blanco, A.	131
Comay, O.	155, 156, 699
Compagnoni, A.	157, 882
Cristini, D.	909
Crouzat, E.	770
Cárdenas Espinosa, M.J.	131, 132

D

da Silva, M.P.	169
Dadi, T.	429, 477, 696
Dai, S.	1002
Dantas de Paula, M.	522
David, C.	1105
Davoudpour, Y.	40, 1208
de Brito, M.M.	175, 176, 232, 472, 473, 580, 581, 1039
De Giorgi, F.	650
de la Cruz Barron, M.	195
de Rooij, G.H.	178, 917
Decelle, J.	179
Dehaspe, J.	180, 596
Dellen, J.	521
Derepasko, D.	184, 185
Dharmasthal, S.	308
Dienstbach, L.	457
Dietrich, P.	236, 417, 427, 582, 583, 682, 768, 856, 969, 970, 1204, 1210
Dietrich, P.	186, 187
Dilling, O.	1180
Ding, C.	111, 980
Doktor, D.	231
Dominik, C.	875
Dommert, S.	674
Dotzauer, M.	1190
Drechsler, M.	190, 191, 192, 193, 194, 475
Dressler, G.	133, 926, 928
Droste, N.	50
Dunker, S.	171, 196, 197, 349
Durka, W.	291, 706, 808
Dushkova, D.	198, 199
Dusny, C.	113, 200, 439, 1061, 1098
Dzofou Ngoumelah, D.	201

E

Ebeling, P.	202, 203, 213
Eberlein, C.	81, 131, 132, 866
Ebert, A.	204, 865
Egli, L.	77, 211, 212, 771
Ehrhardt, S.	202, 213
Eichenberg, D.	214
Eligehausen, J.	915
Elter, E.	381
Engelmann, B.	547, 772, 802, 877
Engelmann, C.	80, 217
Escher, B.	218, 495, 1068
Escher, B.I.	58, 59, 268, 333, 336, 360, 420, 469, 588, 611, 670, 688, 750, 751, 805, 841
Eskelinan, A.	219, 683, 782, 874, 919, 925
Esmaili Aliabadi, D.	1107
Evers, S.	484
Eziuzor, S.C.	223

F

Fahl, A.-K.	689
Fahrenkampf, T.	879
Fasching, C.	951
Feilhauer, H.	189, 231, 328, 375, 376, 800
Feldmann, R.	585, 1026, 1027
Felipe-Lucia, M.R.	68, 133, 233, 295, 638, 796
Ferreira, C.C.	908, 1082, 1110, 1126, 1135
Ferri-Yáñez, F.	70
Fest, S.	119, 492
Fink, P.	363, 364, 365, 430, 431, 735
Fischer, C.	809
Fischer, F.	625, 817
Fischer, F.C.	670
Fischer, J.	637, 638
Fischer, R.	56, 108, 237, 238, 347, 354, 421, 522, 529, 698, 839, 1207
Fischer, S.M.	239
Fischer, T.	426, 900, 1094
Fischer-Bedtke, C.	462, 1015
Fix, J.M.	779
Fleckenstein, J.H.	83, 169, 180, 202, 203, 213, 596, 608, 612, 613, 917, 931, 953, 978, 979
Förster, J.	1067, 1111, 1191, 1193
Foit, K.	495
Franck, U.	100
Frank, K.	367, 915, 927
Franke, S.	455
Franko, U.	130, 137, 226, 243
Franz, K.W.	245
Frascareli, D.	795
Frassl, M.A.	714
Frenzel, L.-M.	246, 433
Frenzel, M.	457, 846
Fricke, C.	247
Friese, K.	429, 696, 746, 795, 946
Friesen, J.	407, 1112
Fühner, C.	408

G

Gallot-Duval, D.	352
Ganther, M.	256
García-García, A.	164
Gawel, A.	1005, 1006
Gawel, E.	470, 471, 472, 473, 531, 532, 822, 962, 1004, 1169, 1170, 1175, 1176, 1214
Gebauer, A.	494
Gebauer, L.	256
Gehre, M.	265
Geiger, C.	471
Geistlinger, H.	188, 257, 266
Geller, W.	1113
Georgi, A.	148, 677, 732, 733, 984, 1046
Getzin, S.	260, 261, 262
Geyer, S.	388
Ghaffar, S.	263
Ghazanchaei, Z.	53
Giannopoulos, K.	264
Gianuca, A.T.	488
Görke, U.-J.	426, 1084, 1118, 1130, 1133
Goldmann, K.	300, 467, 619, 665, 666, 753, 796, 895, 1003
Golivets, M.	14, 19, 317, 318, 616
Golparvar, A.	267
Gontijo, E.S.J.	795
Goss, K.-U.	11, 204, 275, 276, 443, 444, 445

Goss, K.U.	865
Graeber, D.	280, 612, 672, 915
Graebling, N.	1062
Graß, R.	713
Grescho, V.	107, 214, 248
Grimm, V.	4, 15, 29, 162, 245, 250, 356, 367, 475, 527, 1136
Grimm-Seyfarth, A.	159, 284, 296, 428, 730, 1001
Grodtke, M.	285
Groeneveld, J.	238, 927, 995
Gross, M.	630
Groß, M.	330, 472, 473, 1008, 1096, 1114, 1119
Großkopf, H.	286, 287, 905
Grosskopf, H.	894
Groth, J.	288, 338
Gründling, R.	917
Grund, M.	94
Günther, S.	890
Gütschow, M.	139, 295
Guliyev, V.	836
Gunold, R.	495, 611
Guo, F.	294
Gutknecht, J.	254

H

Haag, R.	511
Haange, S.-B.	16, 144, 547, 960
Haase, A.	198, 297, 472, 473, 756, 780, 941, 1009, 1115, 1186
Haase, D.	17, 44, 135, 147, 198, 270, 298, 299, 366, 385, 386, 391, 454, 496, 756, 757, 780, 947, 987, 994, 996, 1116
Habiyaremye, J.d.D.	300
Habtemariam, L.T.	301
Hackermüller, J.	360, 610, 772, 887, 905
Händel, F.	80, 392
Härtig, C.	604
Hagemann, J.	915
Hagemann, N.	49
Hahn, A.	566, 760
Halbach, K.	303, 304, 593
Han, L.	305
Han, S.	306
Hanisch, M.	8, 770
Hanisch, S.	343
Hannemann, M.	1145
Hansjürgens, B.	49, 307, 556, 648, 1025
Hari, V.	308, 309, 526, 976
Harms, H.	247, 406, 510, 885, 890, 1061
Harms, W.	284
Harnisch, F.	136, 168, 201, 311, 312, 435, 451, 604, 605, 664, 684, 707, 741, 742, 748, 861, 1002, 1137, 1196, 1219
Harpke, A.	1026, 1027, 1213
Harpole, S.	150, 157
Harpole, W.S.	346, 349, 434, 781, 782, 924, 925, 950
Hartmann, T.	790
Harzdorf, J.	285
Hase, N.	259, 662
Hastreiter, N.	992
Heber, C.	435
Hecker, S.	302, 699, 1117, 1146, 1160
Heidbüchel, I.	465, 953
Heintz-Buschart, A.	97, 112, 138, 177, 215, 256, 535, 574, 665, 676, 801, 891, 892, 1000, 1003
Heinz, N.	321, 705
Heipieper, H.J.	81, 117, 131, 132, 545, 866
Helbig, C.	63, 324, 426, 1118
Henle, K.	296, 371, 428, 468, 542, 1001
Henn, E.V.	332, 1012
Henneberger, L.	333, 469, 611

Henz, S.	495
Herberth, G.	314, 362, 381, 398, 410, 517, 525, 660, 848
Hermanns, F.	337
Hermans, K.	288, 338, 339
Herrmann, S.	300, 838
Herzig, L.	98
Herzsprung, P.	228, 725, 746, 915, 929, 1013
Hess, J.	341, 441
Heße, F.	377, 589, 590
Hetzer, J.	342
Heuschkel, I.	101, 343, 999
Hildebrandt, A.	559
Hildebrandt, J.	74, 345, 632
Hiltner, U.	165, 347
Höltig, L.	770
Hoffmann, P.	349
Hofmann, P.	349
Hofmann, S.	350, 351
Holbrook, T.	303
Holbrook, T.R.	264, 352, 681
Holtmann, A.	347, 354, 1207
Horn, J.	356
Hornick, T.	171, 196, 197
Hoschek, A.	343
Hossen, S.	740
Huang, Y.	358
Huber, C.	122, 359, 549
Huchthausen, J.	333
Hübner, T.	1168
Hübschmann, T.	154
Hüesker, F.	769, 793, 990
Huhn, S.	360
Huth, A.	108, 150, 173, 238, 260, 342, 347, 354, 421, 522, 529, 762, 839, 923, 1207

I

Iannino, A.	363, 364
Imihami Mudiyanselage, C.C.D.B.	1208
Inostroza, P.A.	689, 915
Izadi, P.	485

J

Jäger, C.G.	915
Jäsch, S.	58, 59
Jahnke, A.	25, 523, 599, 725
Jakobs, G.	779
Jax, K.	320
Jehmlich, N.	16, 54, 398, 413, 455, 487, 656, 724, 810, 811, 812, 869, 870
Jing, M.	377
Jing, Y.	121, 378
Johst, K.	245, 356
Jomaa, S.	66, 263, 961
Jordan, M.	380, 566, 598, 1102, 1209, 1215
Junge, K.	751
Junge, K.M.	381, 750
Jusakulvijit, P.	383, 384, 1122

K

Kabisch, N.	45, 244, 385, 386, 387, 442, 535, 770, 780
Kabisch, S.	780, 1025, 1123, 1174, 1198

Kaden, U.S.	388
Kaesler, J.	305
Kästner, M.	121, 267, 378, 399, 897
Kaim, A.	390
Kalbacher, T.	1145, 1203
Kalkhof, S.	64, 591, 592
Kallies, R.	195, 402, 406, 715, 725, 744, 745, 764, 915
Kamjunke, N.	394, 479, 495, 915, 929, 1013, 1204, 1205
Kanagaraj, R.	182
Kandie, F.J.	252
Kappelmeyer, U.	132, 816
Karagulyan, M.	3
Karakoç, C.	150, 745
Karande, R.	101, 102, 343, 736, 999, 1105
Karande, S.	111
Karkossa, I.	287, 395, 396, 576, 749, 750, 751, 772, 820, 894, 905
Karrasch, B.	915
Karutz, R.	498, 704, 1040
Kaske, O.	495, 689
Kasmanas, J.C.	398, 744
Kasner, M.	768
Kasperidus, H.D.	778, 809
Kaus, A.	915
Keller, N.-S.	402, 558
Keller, P.S.	403
Keltsch, N.	23
Khan, S.	1193
Khurelbaatar, G.	407, 408, 409
Kitover, D.	1078, 1079
Klähn, S.	89, 94, 113, 415, 518, 1098
Klapper, J.	416
Klassert, C.	962
Klauer, B.	915, 962
Kleinsteuber, S.	36, 37, 510, 587
Klenke, R.A.	107
Klöckner, P.	418, 419, 420
Klotz, S.	763, 1011
Klüver, N.	241
Kluge, P.	510
Kluson, F.R.	1194
Knapp, N.	56, 108, 421, 839
Knapp, S.	422, 535, 565, 636, 831, 1173
Knappe, J.	1038
Kneis, D.	96
Knight, T.	24, 51, 197
Knight, T.M.	69, 86, 129, 157, 158, 222, 405, 434, 478, 484, 546, 585, 602, 642, 706, 846, 847, 920, 934, 991
Knillmann, S.	495, 689, 914
Knöller, K.	114, 587, 775, 909, 915
Knoeller, K.	242, 773
Knopp, J.	41
Koch, F.	447
Köck, W.	166, 167, 1019, 1020, 1021, 1022, 1070, 1071, 1081, 1127, 1128, 1129, 1171, 1172, 1192
Ködel, U.	120, 1109, 1145, 1205, 1206
Koedel, U.	236, 1204, 1210, 1211
Kögler, S.	540
Köhne, J.M.	643, 824
König, M.	268, 469, 611, 805, 841
König, S.	150
Kohajda, T.	381
Kohlheb, N.	424
Kolditz, O.	110, 123, 143, 145, 358, 412, 426, 427, 514, 519, 552, 663, 786, 834, 899, 900, 963, 988, 989, 1017, 1062, 1084, 1118, 1130, 1133, 1145, 1161
Kong, X.-Z.	678
Kong, X.	229, 370, 429, 852
Kopinke, F.-D.	148, 246, 432, 433, 677, 732, 733, 826, 984
Koppa, A.	309
Korell, L.	434, 478
Korte, K.	531, 532

Korth, B.	136, 312, 435, 664, 707, 1002
Koschorreck, M.	403, 436, 479, 915, 1204, 1205
Kraemer, G.	452
Kraemer, R.	385, 386, 387, 535, 637
Krämer, R.	442
Krahmer, A.	1009
Kraus, M.	1024
Krause, S.	443, 444, 445
Krauss, M.	1, 122, 285, 359, 360, 378, 495, 521, 549, 595, 601, 611, 689, 779, 803, 876, 915
Kreck, M.	540
Krellenberg, K.	447
Krenek, S.	96
Kretschmer, T.	448
Kretz, L.	449, 450, 785
Kreuer, D.	815, 926, 1069, 1193
Krieg, L.	750, 751
Krömer, J.O.	94, 113, 453, 459, 460, 607, 916, 1098
Krüger, J.	779
Kuchenbuch, A.	168, 707
Kühn, E.	804, 1026, 1027, 1131, 1213
Kühn, I.	67, 149, 248, 565, 669, 720, 783, 1213
Kühnel, D.	25, 373
Kümmel, S.	504, 505, 507, 948
Kuemmel, S.	265
Küster, E.	621, 622
Kuhlicke, C.	7, 176, 306, 1025, 1213
Kumahor, S.K.	557
Kumar, R.	180, 202, 203, 213, 308, 377, 524, 530, 579, 608, 703, 799, 931
Kuntze, K.	340
Kunz, J.V.	394, 915
Kurz, M.J.	915

L

Ladouceur, E.	161, 458
Lai, B.	459, 460, 607
Landaverde-González, P.	627
Landmark, S.	1148
Lange, M.	104, 105, 1029, 1030, 1097
Langer, L.	463
Larras, F.	12, 541
Lausch, A.	30, 231, 327, 337, 385, 800, 987, 996
Lechtenfeld, O.	593
Lechtenfeld, O.J.	169, 228, 264, 305, 334, 511, 725, 746, 917, 929, 1013
Lee, J.	469
Lehmann, P.	470, 471, 472, 473, 822, 1214
Lehmann, S.	238
Lehneis, R.	474
Leins, J.	194
Leins, J.A.	475
Leipold, S.	516
Leiser, R.	476, 477, 1032
Leng, P.	84, 479, 480
Lepenies, R.	472, 473, 481
Leuther, F.	483
Leuthold, D.	779
Levers, C.	548
Li, W.	505
Li, X.	489
Li, Z.	491
Liebelt, V.	780
Liebmann, L.	304, 495, 914
Lieder, S.	493, 754
Lienhoop, N.	390
Liess, M.	252, 304, 495, 689, 787, 791, 914, 915, 1175, 1176
Ließ, M.	50, 494
Lindmeyer, M.	999

Lindstaedt, K.	1061
Link, A.-C.	498
Lipaeva, P.	500
Lippold, E.	501, 502, 511, 658, 659, 879
Liu, Q.	503
Liu, X.	504, 505, 507
Locher-Krause, K.	1064
Locher-Krause, K.E.	1193
Löffler, M.	1031
Logroño, W.	510
Lohse, M.	511
Lu, R.	514, 562
Lucas, M.	515
Lucas, R.	587
Luckenbach, T.	64, 76, 369, 500, 876, 878
Lück, M.	495, 620
Lupacchini, S.	518
Lutz, S.R.	608, 931

M

Machate, O.	521
Mackenzie, K.	826, 1005, 1006
Madi, R.	178
Mages, M.	915
Mahecha, M.D.	127, 160, 220, 379, 452, 499, 564, 651
Malla, C.	543
Mallast, U.	578, 617
Manske, D.	474, 1184, 1185
Markus, T.	531, 532, 1033, 1034, 1035, 1072, 1083
Marquard, E.	754
Marselle, M.	555, 699, 864
Marselle, M.R.	535, 537
Martini, E.	540
Marx, A.	543, 648
Maskow, T.	247, 283, 435, 885
Massei, R.	134, 621, 622
Massenberg, J.R.	274, 544, 770
Meier, J.-N.	471
Meier, T.	606
Meisel, T.	1017
Meissner, R.	31, 726
Meng, B.	552
Merbach, I.	21, 137, 504, 505, 792
Merz, R.	52, 114, 777
Metze, D.	558
Meyer, N.	374
Mi, C.	429
Michalski, S.	808
Michalski, S.G.	728, 876
Milanović, M.	565
Millinger, M.	380, 566, 597, 1216
Miltner, A.	121, 378, 399, 898
Mimet, A.	183
Minuissi, A.	52, 568
Mirtl, M.	30, 935, 1217, 1220
Mittelstädt, N.	75, 1093, 1194
Möckel, S.	569, 570, 571, 572, 1037, 1175, 1176, 1177, 1180
Möder, M.	304, 495
Moeller, L.	389, 1038
Moesenfechtel, U.	1158
Moldrickx, J.	88
Moll, J.	574, 575
Mollaali, M.	963
Mollenhauer, H.	713, 935, 1217, 1220
Montoya, V.	5
Moreno Soares, T.	1193

Morsy, M.	582, 583
Mothes, S.	727
Motivans Švara, E.	585
Motivans, E.	197
Müller, A.	1086, 1154
Müller, B.	301, 814, 926, 927, 928
Müller, C.	114, 587, 915
Müller, E.	359
Müller, M.S.	238
Müller, R.	1025
Müller, R.A.	407, 408, 409, 424, 805, 1065, 1066
Müller, S.	543, 589, 590
Müller, S.	154, 344, 679, 889, 890
Müller, T.	563
Munoz, M.	1193
Musat, F.	124, 146, 716
Musat, N.	40, 124, 138, 146, 179, 867, 1208
Musche, M.	846, 1026, 1027, 1213
Muschket, M.	595, 606, 784, 915
Musolff, A.	180, 202, 203, 213, 596, 608, 915, 917, 931, 953
Musonda, F.	597
Muz, M.	599

N

Nabhan Homsi, M.	512, 737
Nagel, T.	110, 142, 663, 786, 899, 900
Najafi, H.	600, 743
Nanusha, M.Y.	293, 601
Naumov, D.	143, 1094
Nawaz, A.	674
Neu, T.R.	240, 331, 476, 851
Neubauer, M.	1085, 1134
Neubert, K.	604, 605
Neumann, M.	1193
Nguyen, A.V.	607
Nguyen, V.T.	608, 667, 854, 855
Nieber, A.	1178
Nihemaiti, M.	784
Nijenhuis, I.	340, 455
Nikolausz, M.	170, 510
Niu, L.	611
Nixdorf, E.	979, 1145
Nogueira, G.E.H.	612, 613, 1108
Norf, H.	915
Nothaas, D.	150
Nowak, K.M.	121, 378
Nunes da Rocha, U.	398, 404, 406, 551, 558, 624, 744, 745, 849, 850

O

Özdemir, A.	634
Ogungbemi, A.O.	621, 622
Oh, R.Y.R.	14, 623
Ohnemus, T.	935, 1217, 1220
Oliveira Monteiro, L.M.	849, 850
Osterman, J.	626, 627, 628, 629
Otto, D.	176, 472, 473, 630, 631
Ouyang, W.-Y.	633

P

Paasche, H.	901
-------------	-----

- Palliwoda, J. 274, 637, 638, 639, 668, 770
 Pannicke-Prochnow, N. 1007
 Paschke, A. 285, 495
 Paufler, S. 247
 Pe'er, G. 128, 156, 699, 719, 863, 871, 1073, 1074, 1075
 Pechstein, A. 647
 Peichl, M. 543, 648
 Pellissier, V. 183
 Peng, J. 38, 163, 357, 497, 513, 651, 652, 661, 825, 902, 952, 966
 Petruschke, H. 16, 258, 656
 Pfeiffer, M. 657
 Phalempin, M. 501, 502, 658, 659, 879, 1028
 Pöhlein, F. 915
 Pößneck, J. 1174, 1198
 Poggio, M. 210
 Pohl, F. 337, 354, 1207, 1221
 Polst, B.H. 10
 Polte, T. 381, 440
 Polzin, C. 61, 671
 Popp, D. 510, 558, 684
 Prada Salcedo, L.D. 323
 Prada-Salcedo, L.D. 253, 665, 666, 895
 Priess, J. 1182
 Priess, J.A. 639, 668, 770
 Pujades, E. 673
 Purahong, W. 674, 675, 676, 738, 739, 740, 836, 891, 892, 893
 Pérez del Pulgar, C. 18

Q

- Qian, L. 677
 Qin, W. 679, 680

R

- Radzevičiūtė, R. 628
 Rago, L. 684, 748, 1137
 Rakosy, D. 197, 538
 Rakovec, O. 109, 524, 530, 543, 579, 718, 734, 840
 Rebmann, C. 259, 337, 354, 457, 528, 662, 761, 1207
 Reemtsma, T. 23, 111, 169, 264, 303, 304, 305, 352, 397, 418, 419, 420, 438, 495, 511, 593, 606, 679, 680, 727, 784, 805, 848, 914, 1013, 1042
 Reese, M. 687, 1016, 1018, 1043, 1121, 1138, 1139, 1140, 1141, 1142, 1143
 Reiber, L. 689, 915
 Reichelt, H. 818
 Reichold, A. 1029, 1030
 Reino, C. 690
 Reiβmann, D. 691
 Reitz, T. 97, 98, 99, 290, 300, 665, 686, 797, 801, 829, 830, 892
 Remmler, P. 385
 Renner, I. 1064, 1193
 Reutter, F. 1218
 Reyes Aldana, H.E. 573
 Rheinschmitt, C. 693, 694, 695, 1022
 Ribbe, N. 696
 Richnow, H.-H. 146, 558, 789
 Richnow, H. 948, 1208
 Richnow, H.H. 40, 124, 402, 504, 505, 507, 567, 587, 633, 649
 Richter, A. 520, 699
 Riesbeck, S. 656
 Rink, D. 297, 700, 780, 1025, 1186
 Rink, K. 426, 900, 1017, 1062, 1080, 1094, 1145
 Rinke, K. 429, 553, 596, 701, 714, 721, 1025, 1044, 1045, 1060, 1120
 Risse-Buhl, U. 20, 269, 702, 755, 915
 Rode, J. 380, 704, 705, 770, 1193, 1209

Rode, M.	263, 394, 596, 961
Rodrigo Quejigo, J.	168, 707
Roeder, A.	709, 882
Röder, S.	381, 517, 848
Rödig, E.	529
Röncke, H.	714
Rogass, C.	235
Rohde, F.	766
Rohe, L.	710, 711
Rojas Arboleda, M.	712
Rojo-Nieto, E.	25, 271, 599
Roland, U.	246, 1024
Rolle-Kampczyk, U.	249, 464, 547, 772, 787, 802, 848, 877, 905, 960
Rolle-Kampczyk, U.E.	381, 592
Rosa, L.F.M.	741, 742
Roscher, C.	174, 186, 187, 292, 462, 619, 683, 709, 782, 819, 844, 874, 882, 892
Rouet-Leduc, J.	273, 719
Roy, F.	575
Rummel, C.	25
Rummel, C.D.	725
Rupp, H.	31, 388, 726, 778
Rynek, R.	725

S

Sadubsarn, D.	674, 676
Saeidi, N.	148, 732, 733, 984
Saha, T.R.	734
Said, N.	138
Salamanca, D.	736
Samaniego, L.	30, 230, 279, 524, 543, 648, 734, 840
Sansupa, C.	676, 738, 739, 740, 891, 893
Santamaria, C.G.	374
Saraiva, J.P.	404, 744, 745, 849, 850
Sarrazin, F.	180
Sartori Jeunon Gontijo, E.	746
Sattler, C.	572, 747, 767, 1177
Scarabotti, F.	748
Schädler, M.	234, 361, 437, 457, 503, 676, 763, 797, 798, 829, 830, 838, 891, 892, 893
Schäpe, S.S.	811, 870
Schaffert, A.	749, 750, 751
Schaller, R.	531, 532
Schattenberg, F.	154, 344
Schatz, E.-M.	754
Schemel, C.	1005, 1006
Schiller, J.	472, 473
Schinkel, L.	689
Schirmer, M.	315
Schlichting, R.	268, 469, 750, 751, 805, 841
Schlink, U.	63, 294, 324, 411, 533, 534, 758, 942, 981, 1086, 1150, 1151, 1152, 1153, 1154
Schlittenbauer, L.	848
Schlosser, D.	319, 759, 1061, 1147
Schlüter, S.	79, 227, 483, 501, 502, 515, 658, 659, 711, 824, 879, 1028, 1095
Schlueter, S.	257, 266
Schmid, A.	94, 113, 200, 459, 460, 518, 736, 916, 1098
Schmid, J.S.	762
Schmidgall, T.	132
Schmidt, A.	382, 457, 722, 763
Schmidt, A.	1115
Schmidt, C.	550, 586, 612, 613, 979, 1078, 1079
Schmidt, F.	1148
Schmidt, J.	1132
Schmidt, J.	813
Schmidt, L.	217
Schmidt, M.	40, 223, 605, 765, 766, 1208
Schmitt-Jansen, M.	10, 25, 495, 725, 915
Schnabel, B.	892

Schneider, H.	459, 460
Schniewind, I.	1193
Scholz, M.	388, 778, 790, 809, 932, 1014, 1015, 1047
Scholz, S.	76, 360, 469, 621, 622, 644
Schor, J.	772, 887
Schrader, J.	747
Schrader, S.	304
Schreiber, S.	132
Schreiter, S.	879
Schrön, M.	87, 322, 368, 425, 685, 768, 1145
Schröter, M.	212, 416, 637, 638, 770, 771
Schroeter-Schlaack, C.	754
Schröter-Schlaack, C.	49, 390, 493, 704
Schubert, K.	286, 287, 355, 395, 396, 576, 609, 749, 750, 751, 772, 820, 894, 905
Schubert, M.	242, 773, 774, 775
Schüler, L.	776
Schütte, O.	316
Schüttler, A.	779
Schütze, C.	236, 1204, 1205
Schuetze, C.	1210
Schüürmann, G.	88, 285, 495, 975
Schulte-Römer, N.	172
Schultze, M.	84, 429, 714
Schulz, E.	99, 243
Schulz, G.	337
Schulz-Zunkel, C.	388, 449, 778, 785, 809
Schulze, T.	1, 359, 495, 521, 595, 601
Schumacher, A.	118, 374, 1099
Schumann, M.	477
Schwab, L.	558
Schwarz, N.	780
Schwarze, R.	47, 103, 1010, 1025, 1036, 1041, 1048, 1179, 1187
Schwarzer, D.	1193
Schweiger, O.	34, 489, 671, 846, 875
Schwenk, C.	84
Schweppé, R.	230
Seele-Dilbat, C.	449, 450, 785
Seewald, M.	429
Seiwert, B.	397, 419, 420, 593, 606, 784, 848
Sen, Ö.O.	1145
Seppelt, R.	9, 77, 211, 212, 463, 594, 638, 770, 771, 997, 1104
Settele, J.	34, 248, 310, 335, 489, 509, 671, 747, 1026, 1027, 1049, 1050, 1051, 1052, 1053, 1054, 1055, 1056, 1070, 1071, 1076, 1149, 1163, 1164, 1165, 1167, 1171, 1172, 1177, 1181, 1183, 1188, 1199, 1200, 1201, 1202, 1213
Shahid, N.	787, 791
Shao, H.	123, 143, 145, 358, 514, 552, 912, 982
Shatwell, T.	280, 372, 414, 429, 577, 943, 945
Shen, Q.	896, 946, 973
Shikhani, M.	553, 560, 561
Shrestha, P.K.	734
Siddique, A.	787, 791
Siebert, C.	446, 906
Sigel, K.	962
Singh, J.	797, 798
Slabbert, E.L.	77
Sossai, E.	585
Sossalla, N.A.	805
Spiering, S.	807, 1193
Stadler, J.	457
Stärk, H.-J.	21, 679, 680
Starke, R.	811
Stasik, S.	813
Stauder, R.	518
Steinheuer, L.M.	772
Stojanovska, V.	817
Stollberg, R.	587
Strachauer, U.	915
Sträuber, H.	36, 37, 95
Strauch, G.	818

Strauch, M.	390
Strunz, S.	472, 473, 754, 822, 1170, 1214
Stryhanyuk, H.	40, 124, 146, 179, 423, 867, 1208
Stubenrauch, J.	823, 1057, 1058, 1156
Sühnholz, S.	826
Süring, C.	890
Sullivan, C.M.	408
Szarka, N.	1144
Sørensen, B.G.	601

T

Tafarte, P.	471, 566
Tal, T.	398, 833, 888, 1059
Tanunchai, B.	674, 675, 676, 836, 891, 893
Tarasova, L.	53
Tarkka, M.	2, 82, 90, 97, 98, 256, 686, 692
Tarkka, M.T.	99, 837, 838, 879, 1003
Taubert, F.	150, 238, 342, 529, 762, 839, 933
Teixido, E.	622
Tenzin, Y.	280
Teutsch, G.	969, 970, 1025, 1173
Theodosiou, E.	94
Thober, J.	288
Thober, S.	216, 230, 648, 734
Thomas, F.	845
Thoni, T.	631
Thrän, D.	42, 43, 74, 75, 345, 380, 383, 384, 424, 470, 471, 472, 473, 474, 566, 597, 618, 691, 712, 832, 957, 958, 971, 1077, 1087, 1088, 1089, 1091, 1093, 1103, 1106, 1122, 1124, 1144, 1155, 1157, 1158, 1159, 1166, 1184, 1185, 1189, 1190, 1194, 1209, 1212
Thulke, H.-H.	104, 105, 206, 207, 208, 209, 221, 281, 348, 671, 926, 1029, 1030, 1097
Thullner, M.	267, 827, 828
Tiedeman, K.	77
Tittel, J.	280, 714, 1060
Toepel, J.	518
Tomm, J.M.	907
Toscan, R.	404
Trabitzsch, R.	181, 587
Trauth, N.	613
Tripathi, M.	856
Tritschler, F.	80
Tröger, U.	1064, 1193
Tschörtner, J.	459, 460
Türkowsky, D.	282, 455

U

Udovenko, M.	836
Uebel, K.	864
Ueberham, M.	324, 409, 534, 758, 1025, 1038
Ullrich, M.K.	111
Ulrich, N.	11, 58, 59, 865

V

van Afferden, M.	407, 408, 409, 805, 1065, 1066
van der Sande, M.T.	405
Vandewalle, M.	401, 1067, 1100
Vetterlein, D.	35, 90, 256, 461, 501, 502, 511, 515, 658, 659, 723, 837, 879, 1028, 1090, 1095
Vieweg, M.	449, 785
Virtanen, R.	731, 842, 843, 874, 883
Vogel, H.-J.	60, 215, 515, 539, 557, 711

- Vogel, K. 283, 885
 Vogt, C. 223, 402, 558, 587, 649, 744, 1002
 Volk, M. 184, 185, 390
 von Bergen, M. 16, 64, 144, 249, 258, 282, 286, 287, 355, 381, 395, 396, 398, 455, 464, 487, 547, 576, 609,
 656, 737, 749, 750, 751, 772, 787, 802, 811, 820, 848, 859, 870, 877, 894, 905, 907, 960
 von Tümpeling, W. 280, 495, 657, 696, 873, 915, 929, 1013
 Vormeier, P. 304, 495, 914
 Vosshage, A.T.L. 364
 Vučić, V. 889, 890

W

- Wachholz, A. 280
 Wagner, G. 132
 Wagner, S. 111, 264, 303, 352, 418, 419, 420, 438, 679, 681, 725
 Wahdan, S.F.M. 97, 675, 676, 739, 740, 836, 891, 892, 893
 Waldemer, C. 84
 Walter, K. 287, 894
 Walther, M. 80, 141, 217, 225, 329, 655, 972, 983
 Wang, S. 898
 Wang, W. 663, 786, 899, 900, 1017, 1094
 Wang, Z. 905
 Weber, M. 203, 931
 Weber, U. 1145
 Wegner, M. 102, 999
 Weise, S.M. 775
 Weisner, O. 304, 495, 914
 Weiss, H. 181
 Weiβ, H. 587
 Weitere, M. 20, 96, 363, 364, 394, 495, 689, 702, 915
 Weller, U. 50
 Wellmann, T. 135, 756, 757, 996
 Wendt-Potthoff, K. 31, 476, 477, 813, 1032, 1078, 1079
 Wennrich, R. 21
 Werban, U. 255, 325, 326, 337, 402, 540, 682, 845, 917, 1145
 Werner, B.J. 917
 Werner, C.M. 918, 919
 Wernicke, T. 115
 Weyrauch, S. 420
 Wick, L. 1061
 Wick, L.Y. 13, 124, 272, 406, 922, 984
 Wiederkehr, C. 288, 338
 Wiegand, T. 22, 32, 150, 238, 400, 654, 697, 923
 Wiemers, M. 603
 Wild, R. 915
 Will, M. 301, 926, 927
 Wilske, C. 929, 1013
 Winter, C. 931
 Witing, F. 456
 Wittmer, H. 1193
 Wittstock, F. 631
 Wojtysiak, N. 333
 Wolf, A. 936, 937, 938, 939, 1180
 Wolf, C. 915
 Wolff, M. 17, 44, 454, 756, 780, 940, 941, 1186
 Wolfram, E. 471
 Wollschläger, N. 942
 Wollschläger, U. 540
 Worrich, A. 745
 Wu, G.-M. 711
 Wu, L. 507
 Wubet, T. 467, 490, 619, 674, 729, 738, 740, 753, 796, 808, 857

X

Xiong, B.-J. 1061

Y

Yang, J. 917, 953
Yang, S. 278, 955, 956
Yang, X. 959, 965
Yang, X. 508, 957, 958
Yin, R. 503, 506, 830, 835, 911, 954, 964, 974
Yoshioka, K. 277, 426, 645, 963, 1094, 1118, 1161, 1162

Z

Zacharias, S. 30, 540, 768, 935, 1217, 1220
Zarejousheghani, M. 224, 967, 968
Zech, A. 589, 969, 970
Zehner, J. 394
Zenclussen, A.C. 118, 119, 353, 374, 448, 492, 517, 625, 750, 751, 817, 1099
Zenetti, J.M. 1023
Zeug, W. 971, 1194
Zhan, Q. 596
Zhang, S. 975
Zhang, X. 977
Zhang, Z.-Y. 979
Zheng, T. 982, 983
Zhou, J. 984
Zhou, T. 987
Zhou, X. 903
Zhu, Y. 498
Zill, F. 989, 1017
Zinngrebe, Y. 106, 1132, 1167, 1193, 1197
Zscheischler, J. 71, 251, 466, 482, 486, 554, 794, 868, 880, 881, 884, 921, 944, 993
Zschieschang, S. 378
Zulfiqar, B. 257

Weitere

Štefan, V. 585
Švara, V. 876

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Helmholtz-Zentrum für Umweltforschung GmbH - UFZ

Permoserstraße 15
04318 Leipzig
Telefon 0341-235-0

Bearbeitung

Erika Schnauková

Michael Garbe

Heike Reichelt