Spatial distribution and abundance of microplastics from some selected references

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| n | Location | Concentration | Reference | Latitude维 | Longitude经 |
| #1底泥 | Bohai Sea，China | 171.8 items kg-1 | (Zhao et al. 2018) |  |  |
| #1底泥sediment | Northern Yellow Sea，China | 123.6 items kg-1 | (Zhao et al. 2018) |  |  |
| #1底泥 | Southern Yellow Sea，China | 72.0 items kg-1 | (Zhao et al. 2018) |  |  |
| #4沙滩 | Grandes Cayes, Saint Martin，the Lesser Antilles | 261 ± 6microplastics/kg | (Bosker et al. 2018) |  |  |
| #16底泥 | the Canterbury region of New Zealand | 0-45.4 particles kg 1 | (Clunies-Ross et al. 2016) |  |  |
| #20底泥 | the German Baltic | 0–7 particles/kg and 2–11 fibres/kg两者加和 | (Stolte et al. 2015) |  |  |
| #13底泥 | the Arctic at 2340−5570 m depth. | 42−6595 microplastics kg −1 | (Bergmann et al. 2017) |  |  |
|  | North Yellow Sea, China | 545 ± 282 items/m 3 | (Zhu et al. 2018) |  |  |
|  | the western and eastern waters of  HongKong | 3.973 ± 1.177 n/m 3 | (Cheung et al. 2018) |  |  |
|  | the Ross Sea ,Antarctica | 0.17 ± 0.34 particle m-3 | (Cincinelli et al. 2017) |  |  |
|  | the Northwestern  Mediterranean Sea | 0.18 items.m −3 | (Constant et al. 2018) |  |  |
| #17 | the Northeast Atlantic | 2.46 particles m ?3 . | (Lusher et al. 2014) |  |  |
| #18 | Arctic  Sea ice | 38 to 234 particles per cubic meter of ice. | (Obbard et al. 2014) |  |  |
| #19水 | South Africa | 257.9±53.36-1215±276.7particles·m −3 . | (Nel and Froneman 2015) |  |  |
|  | the Northern Gulf of Mexico | 61.08 ± 34.61 pieces /m 2 | (Beckwith and Fuentes 2018) |  |  |
| #21沙滩 | Guanabara Bay, Southeast  Brazil | 12 to 1300  particles per m 2 | (de Carvalho and Baptista Neto 2016) |  |  |
|  | the Changjiang Estuary, China | 23.1 ± 18.2 n/100 L | (Xu et al. 2018) |  |  |
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