

Supplementary material for “A study on elevated concentrations of submicrometer particles in an urban atmosphere”

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Table S1. Comparison of average parameters before, during, and after NPF events.

| Measured parameters | Unit | Before NPF event (3 hours) | During NPF event (3 hours) | After NPF event (3 hours) |
|---------------------|----------------------------------|----------------------------|----------------------------|---------------------------|
| T | °C | 22.3 ± 3.58 | 27.2 ± 3.40 | 17.2 ± 3.83 |
| RH | % | 41.9 ± 13.4 | 25.4 ± 4.05 | 60.8 ± 17.9 |
| Solar radiation | W/m ² | 528.5 ± 277.0 | 779.9 ± 264.9 | 88.24 ± 156.4 |
| O ₃ | ppb | 0.053 ± 0.013 | 0.068 ± 0.020 | 0.043 ± 0.014 |
| PM _{2.5} | µg/m ³ | 34.1 ± 8.36 | 20.0 ± 7.07 | 30.0 ± 7.93 |
| Surface area | µm ² /cm ³ | 618 ± 152 | 499 ± 173 | 721 ± 219 |