**Table 1.** An overview over the Iranian studies on particulate matter.

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| --- | --- | --- | --- | --- | --- | --- |
| No. | Authors | Date | Cities | Source Of Exposure | Outcomes | Ref. |
| 1 | Sanobari et. al. | 2007 | Tabriz | vehicle (traffic) | non-standard AQI | [13] |
| 2 | Shahsavani et. al. | 2010 | Ahvaz | dust | maximum pm2.5 in May and early July | [28] |
| 3 | Davoodi et. al. | 2010 | Tehran | polluted air | CVD | [77] |
| 4 | Poursafa et. al. | 2010 | Tehran | polluted air | cardiac dysfunction | [81] |
| 5 | Givehchi et. al. | 2011 | Tehran | dust | unsuitable atmosphere | [9] |
| 6 | Zarasvandi et. al. | 2011 | Khuzestan | dust | unhealthy atmosphere | [31] |
| 7 | Hojati et. al. | 2012 | Zagros | dust | poor atmosphere | [23] |
| 8 | Naddafi et. al. | 2012 | Tehran | polluted air | CVD | [78] |
| 9 | Masoumi et. al. | 2013 | Zanjan | dust | poor atmosphere | [22] |
| 10 | Mohammadyan et. al. | 2013 | Sari | vehicle (traffic) | increased indoor concentrations of pm2.5 | [24] |
| 11 | Rashki et. al. | 2013 | Sistan | Dust | uncontrolled dust storms | [30] |
| 12 | Arfaeinia et. al. | 2014 | Tehran, Isfahan, Shiraz | polluted air | non-standard AQI | [12] |
| 13 | Gholampour et. al. | 2014 | Tabriz | Urmia lake bed | maximum pm2.5 in February | [25] |
| 14 | Gholampour et. al. | 2014 | Tabriz | dust | increased total mortality | [26] |
| 15 | Shahi et. al. | 2014 | Tehran | polluted air | increased hospital admissions | [93] |
| 16 | Kamani et. al. | 2014 | Tehran | subway system | high pm2.5 of underground stations | [116] |
| 17 | Gholampour et. al. | 2015 | Tabriz | Urmia lake bed | uncontrolled dust storms | [29] |
| 18 | Hassanvand et. al. | 2015 | Tehran | polluted air | lung carcinogenesis | [88] |
| 19 | Hamedian et. al. | 2016 | Tehran | polluted air | non-standard AQI | [11] |
| 20 | Miri et. al. | 2016 | Mashhad | polluted air | increased mortality and morbidity rate | [21] |
| 21 | Saniei et. al. | 2016 | Tehran | dust | reduced AQI | [32] |
| 22 | Alimohammadi et. al. | 2016 | Tehran | polluted air | increased emergency admission | [103] |
| 23 | Bonyadi et. al. | 2016 | Mashhad | variable sources | increased total mortality | [117] |