**Inflammation-Related microRNA Alterations in Epilepsy: A Systematic Review of Human and Animal Studies**

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**Table S1**. Risk of Bias for human studies

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **F-Author** | **Case def.** | **Case repr.** | **Ctrl select.** | **Ctrl def.** | **Main conf.** | **Add. conf.** | **Expo. method** | **Same method** | **Non-resp.** | **Total** |
| Xiaodong Cai (2020) | \* | \* | 0 | \* | \* | 0 | \* | \* | \* | 7 |
| Guerra Leal, B. (2022) | \* | \* | 0 | \* | \* | 0 | \* | \* | \* | 7 |
| Anatoly Korotkov (2020) | \* | \* | 0 | \* | 0 | 0 | \* | \* | \* | 6 |
| Anand Iyer (2012) | \* | \* | \* | \* | \* | \* | \* | \* | \* | 9 |
| Yuehui Fan (2020 | \* | \* | 0 | \* | 0 | 0 | \* | \* | \* | 6 |
| Shu Ou  (2020) | \* | \* | 0 | \* | \* | 0 | \* | \* | \* | 7 |
| Huajun Fu (2019) | \* | \* | 0 | \* | \* | \* | \* | \* | \* | 8 |
| Li-Gang Huang (2017) | \* | \* | 0 | \* | 0 | 0 | \* | 0 | \* | 5 |
| Yifei Wu (2021) | \* | \* | \* | \* | \* | 0 | \* | \* | \* | 8 |
| YuKui Yan (2019) | 0 | 0 | 0 | \* | 0 | 0 | \* | \* | \* | 4 |
| Bizhou Bie (2021) | \* | \* | \* | \* | \* | 0 | \* | \* | \* | 8 |
| Muhammad Usman Ashhab (2013) | \* | \* | 0 | \* | \* | 0 | \* | \* | \* | 7 |
| Prabowo (2015) | \* | 0 | 0 | \* | \* | 0 | \* | \* | \* | 6 |
| Zhiwei Huang (2024) | \* | \* | \* | \* | \* | 0 | \* | \* | \* | 8 |
| James D. Mills (2017) | \* | \* | 0 | \* | \* | 0 | \* | \* | \* | 7 |
| Tao-Ran Li (2018) | \* | \* | 0 | \* | \* | 0 | \* | \* | \* | 7 |
| Meng Fu (2020) | \* | \* | 0 | \* | \* | 0 | \* | \* | \* | 7 |
| E. Aronica (2010) | \* | \* | 0 | \* | \* | \* | \* | \* | \* | 8 |
| Ahmed Omran (2012) | \* | \* | 0 | \* | \* | \* | \* | \* | \* | 8 |
| Anne A. Kan (2012) | \* | \* | 0 | \* | \* | 0 | \* | \* | \* | 7 |

Abbreviations: **Add. conf**. = Additional confounding controlled, **Case def.** = Case definition adequate, **Case repr.** = Case representativeness, **Ctrl def.** = Control definition, **Ctrl select.** = Control selection, **Expo. method** = Exposure assessment method, **Main conf.** = Main confounding controlled, **Non-resp**. = Non-response rate, **Same method** = Same exposure method, **Total** = Total stars