**Supplementary Table 1.** Literature search strategy for berberine in the treatment of AD

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| --- |
| No. Search Items |
| No. Search Items |
| 1. Alzheimer Disease[Mesh]
 |
| 1. dementia[Title/Abstract]
 |
| 1. cognitive impairment[Title/Abstract]
2. β-amyloid peptide[Title/Abstract]
3. Tau protein[Title/Abstract]
4. amyloid plaques[Title/Abstract]
5. memory impairment[Title/Abstract]
 |
| 1. 1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7
 |
| 1. Berberine[Mesh]
 |
| 1. Umbellatine[Title/Abstract]
 |
| 1. 9 OR 10
 |
| 1. 8 AND 11
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