



433511,

,310

| / | | | |
|----------|---|--|-------|
| 1 | | | |
| 1.1 | () , | | 1608 |
| 1.1.1 | | | 380 |
| 1.1.2 | - | | 108 |
| 1.1.3 | | | 1120 |
| 1.2 | (') , - (') , * - 1.2 1.21-1.23 | | 0 |
| 1.21 | | | 0 |
| 1.22 | - | | 0 |
| 1.23 | | | 0 |
| 1.3 | () , | | 214 |
| 1.31 | | | 50 |
| 1.32 | - | | 18 |
| 1.33 | | | 146 |
| 1.4 | () , | | 49,05 |
| 1.5 | () , | | 0 |
| 1.6 | () , | | 48,16 |
| 1.7 | () - () , | | 0 |
| 1.8 | () - | | 0 |

| | | | |
|----------|------------------------|-----|---------------|
| 1.9 | / (), (), | % | 0/0 |
| 1.10 | (), (), | % | 0 |
| 1.11 | / (), (), | % | 0/0 |
| 1.12 | (-) | | - |
| 2 | - | | |
| 21 | Web of Science 100 - | | - |
| 22 | Scopus 100 - | | - |
| 23 | (-) 100 - | | - |
| 24 | Web of Science, 100 - | | - |
| 25 | Scopus, 100 - | | - |
| 26 | 100 - | | - |
| 27 | - (-) | . . | 5700 |
| 28 | - | . . | 122,98 |
| 29 | | % | 6,51 |
| 210 | (), | % | 100 |
| 211 | (-) | . . | 122,98 |
| 212 | | | 0 |
| 213 | | % | 0 |
| 214 | / - 40 , - 30 , - 35 , | % | 14 / 31,82 |
| 215 | / - , | % | 37,65 / 81,23 |
| 216 | / - , | % | 5 / 10,79 |
| 217 | / - (, -) | % | - |
| 218 | | | 1 |
| 219 | 100 - | | 2,16 |
| 3 | | | |
| 31 | / ()((-)), | % | 0/0 |

| | | | |
|----------|-----------------------------------|---|---------|
| | (), : | | |
| 3.1.1 | | % | 0/0 |
| 3.1.2 | - | % | 0/0 |
| 3.1.3 | | % | 0/0 |
| 3.2 | / () , (), : | % | 27/1,68 |
| 3.2.1 | | % | 9/2,37 |
| 3.2.2 | - | % | 3/2,78 |
| 3.2.3 | | % | 15/1,34 |
| 3.3 | / ()(), () | % | 0/0 |
| 3.4 | / () () | % | 1/0,26 |
| 3.5 | / () () | % | 0/0 |
| 3.6 | () () | | 0 |
| 3.7 | / - | % | 0/0 |
| 3.8 | / () (, , , , ,) - } - } | % | 0/0 |
| 3.9 | / (, , , , ,) - } - } | % | 0/0 |
| 3.10 | , | . | 0 |
| 3.11 | , | . | 828,2 |
| 4 | - | | |
| 4.1 | () | . | 87555,7 |
| 4.2 | () - | . | 1889,01 |
| 4.3 | - | . | 1507,2 |
| 4.4 | () - () | % | 125,82 |
| 5 | | | |
| 5.1 | (), : | . | 19,13 |
| 5.1.1 | | . | 0 |
| 5.1.2 | | . | 9,49 |
| 5.1.3 | | . | 9,63 |

| | | | |
|----|-------------|---|----------|
| 52 | () | | 0,25 |
| 53 | (5) | % | 42,14 |
| 54 | () | | 178,18 |
| 55 |) 20 (| % | 100 |
| 56 | / (), (), | % | 39 / 100 |