## 二分查找

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| # | 题名 | 题解 | 通过率 | 难度 | 出现频率 |
| 668 | [乘法表中第k小的数](https://leetcode-cn.com/problems/kth-smallest-number-in-multiplication-table) | [12](https://leetcode-cn.com/problems/kth-smallest-number-in-multiplication-table/solution) | 44.1% | 困难 | 86.44% |
| 410 | [分割数组的最大值](https://leetcode-cn.com/problems/split-array-largest-sum) | [17](https://leetcode-cn.com/problems/split-array-largest-sum/solution) | 40.1% | 困难 | 82.61% |
| 4 | [寻找两个有序数组的中位数](https://leetcode-cn.com/problems/median-of-two-sorted-arrays) | [335](https://leetcode-cn.com/problems/median-of-two-sorted-arrays/solution) | 36.4% | 困难 | 65.97% |
| 483 | [最小好进制](https://leetcode-cn.com/problems/smallest-good-base) | [8](https://leetcode-cn.com/problems/smallest-good-base/solution) | 35.5% | 困难 | 59.07% |
| 887 | [鸡蛋掉落](https://leetcode-cn.com/problems/super-egg-drop) | [10](https://leetcode-cn.com/problems/super-egg-drop/solution) | 20.4% | 困难 | 58.8% |
| 300 | [最长上升子序列](https://leetcode-cn.com/problems/longest-increasing-subsequence) | [76](https://leetcode-cn.com/problems/longest-increasing-subsequence/solution) | 43.5% | 中等 | 58.08% |
| 1044 | [最长重复子串](https://leetcode-cn.com/problems/longest-duplicate-substring) | [12](https://leetcode-cn.com/problems/longest-duplicate-substring/solution) | 14.6% | 困难 | 56.34% |
| 778 | [水位上升的泳池中游泳](https://leetcode-cn.com/problems/swim-in-rising-water) | [14](https://leetcode-cn.com/problems/swim-in-rising-water/solution) | 45.5% | 困难 | 51.29% |
| 354 | [俄罗斯套娃信封问题](https://leetcode-cn.com/problems/russian-doll-envelopes) | [11](https://leetcode-cn.com/problems/russian-doll-envelopes/solution) | 33.0% | 困难 | 51.02% |
| 793 | [阶乘函数后K个零](https://leetcode-cn.com/problems/preimage-size-of-factorial-zeroes-function) | [9](https://leetcode-cn.com/problems/preimage-size-of-factorial-zeroes-function/solution) | 32.6% | 困难 | 49.26% |
| 1095 | [山脉数组中查找目标值](https://leetcode-cn.com/problems/find-in-mountain-array) | [14](https://leetcode-cn.com/problems/find-in-mountain-array/solution) | 28.5% | 困难 | 48.82% |
| 1157 | [子数组中占绝大多数的元素](https://leetcode-cn.com/problems/online-majority-element-in-subarray) | [18](https://leetcode-cn.com/problems/online-majority-element-in-subarray/solution) | 23.0% | 困难 | 46.1% |
| 1111 | [有效括号的嵌套深度](https://leetcode-cn.com/problems/maximum-nesting-depth-of-two-valid-parentheses-strings) | [18](https://leetcode-cn.com/problems/maximum-nesting-depth-of-two-valid-parentheses-strings/solution) | 65.9% | 中等 | 45.59% |
| 862 | [和至少为 K 的最短子数组](https://leetcode-cn.com/problems/shortest-subarray-with-sum-at-least-k) | [21](https://leetcode-cn.com/problems/shortest-subarray-with-sum-at-least-k/solution) | 12.3% | 困难 | 45.01% |
| 378 | [有序矩阵中第K小的元素](https://leetcode-cn.com/problems/kth-smallest-element-in-a-sorted-matrix) | [37](https://leetcode-cn.com/problems/kth-smallest-element-in-a-sorted-matrix/solution) | 57.2% | 中等 | 44.69% |
| 878 | [第 N 个神奇数字](https://leetcode-cn.com/problems/nth-magical-number) | [12](https://leetcode-cn.com/problems/nth-magical-number/solution) | 20.9% | 困难 | 44.39% |
| 644 | [最大平均子段和 II](https://leetcode-cn.com/problems/maximum-average-subarray-ii) | [4](https://leetcode-cn.com/problems/maximum-average-subarray-ii/solution) | 31.6% | 困难 | 43.48% |
| 718 | [最长重复子数组](https://leetcode-cn.com/problems/maximum-length-of-repeated-subarray) | [25](https://leetcode-cn.com/problems/maximum-length-of-repeated-subarray/solution) | 47.7% | 中等 | 41.79% |
| 327 | [区间和的个数](https://leetcode-cn.com/problems/count-of-range-sum) | [13](https://leetcode-cn.com/problems/count-of-range-sum/solution) | 31.8% | 困难 | 40.63% |
| 658 | [找到 K 个最接近的元素](https://leetcode-cn.com/problems/find-k-closest-elements) | [23](https://leetcode-cn.com/problems/find-k-closest-elements/solution) | 41.9% | 中等 | 39.54% |
| 33 | [搜索旋转排序数组](https://leetcode-cn.com/problems/search-in-rotated-sorted-array) | [180](https://leetcode-cn.com/problems/search-in-rotated-sorted-array/solution) | 36.2% | 中等 | 38.63% |
| 1231 | [分享巧克力](https://leetcode-cn.com/problems/divide-chocolate) | [7](https://leetcode-cn.com/problems/divide-chocolate/solution) | 54.8% | 困难 | 37.3% |
| 493 | [翻转对](https://leetcode-cn.com/problems/reverse-pairs) | [15](https://leetcode-cn.com/problems/reverse-pairs/solution) | 21.2% | 困难 | 33.89% |
| 153 | [寻找旋转排序数组中的最小值](https://leetcode-cn.com/problems/find-minimum-in-rotated-sorted-array) | [75](https://leetcode-cn.com/problems/find-minimum-in-rotated-sorted-array/solution) | 50.1% | 中等 | 33.63% |
| 240 | [搜索二维矩阵 II](https://leetcode-cn.com/problems/search-a-2d-matrix-ii) | [49](https://leetcode-cn.com/problems/search-a-2d-matrix-ii/solution) | 38.1% | 中等 | 32.71% |
| 1235 | [规划兼职工作](https://leetcode-cn.com/problems/maximum-profit-in-job-scheduling) | [17](https://leetcode-cn.com/problems/maximum-profit-in-job-scheduling/solution) | 41.8% | 困难 | 31.91% |
| 497 | [非重叠矩形中的随机点](https://leetcode-cn.com/problems/random-point-in-non-overlapping-rectangles) | [9](https://leetcode-cn.com/problems/random-point-in-non-overlapping-rectangles/solution) | 36.8% | 中等 | 29.87% |
| 174 | [地下城游戏](https://leetcode-cn.com/problems/dungeon-game) | [35](https://leetcode-cn.com/problems/dungeon-game/solution) | 38.7% | 困难 | 29.25% |
| 287 | [寻找重复数](https://leetcode-cn.com/problems/find-the-duplicate-number) | [83](https://leetcode-cn.com/problems/find-the-duplicate-number/solution) | 62.2% | 中等 | 29.17% |
| 786 | [第 K 个最小的素数分数](https://leetcode-cn.com/problems/k-th-smallest-prime-fraction) | [7](https://leetcode-cn.com/problems/k-th-smallest-prime-fraction/solution) | 33.9% | 困难 | 28.75% |
| 704 | [二分查找](https://leetcode-cn.com/problems/binary-search) | [50](https://leetcode-cn.com/problems/binary-search/solution) | 51.6% | 简单 | 28.64% |
| 50 | [Pow(x, n)](https://leetcode-cn.com/problems/powx-n) | [91](https://leetcode-cn.com/problems/powx-n/solution) | 33.5% | 中等 | 27.39% |
| 167 | [两数之和 II - 输入有序数组](https://leetcode-cn.com/problems/two-sum-ii-input-array-is-sorted) | [133](https://leetcode-cn.com/problems/two-sum-ii-input-array-is-sorted/solution) | 51.5% | 简单 | 27.36% |
| 911 | [在线选举](https://leetcode-cn.com/problems/online-election) | [11](https://leetcode-cn.com/problems/online-election/solution) | 36.6% | 中等 | 26.99% |
| 69 | [x 的平方根](https://leetcode-cn.com/problems/sqrtx) | [143](https://leetcode-cn.com/problems/sqrtx/solution) | 37.3% | 简单 | 26.52% |
| 162 | [寻找峰值](https://leetcode-cn.com/problems/find-peak-element) | [53](https://leetcode-cn.com/problems/find-peak-element/solution) | 43.6% | 中等 | 26.12% |
| 710 | [黑名单中的随机数](https://leetcode-cn.com/problems/random-pick-with-blacklist) | [3](https://leetcode-cn.com/problems/random-pick-with-blacklist/solution) | 27.3% | 困难 | 26.08% |
| 74 | [搜索二维矩阵](https://leetcode-cn.com/problems/search-a-2d-matrix) | [90](https://leetcode-cn.com/problems/search-a-2d-matrix/solution) | 36.6% | 中等 | 25.75% |
| 927 | [三等分](https://leetcode-cn.com/problems/three-equal-parts) | [8](https://leetcode-cn.com/problems/three-equal-parts/solution) | 28.9% | 困难 | 25.44% |
| 1201 | [丑数 III](https://leetcode-cn.com/problems/ugly-number-iii) | [13](https://leetcode-cn.com/problems/ugly-number-iii/solution) | 18.1% | 中等 | 24.9% |
| 209 | [长度最小的子数组](https://leetcode-cn.com/problems/minimum-size-subarray-sum) | [58](https://leetcode-cn.com/problems/minimum-size-subarray-sum/solution) | 40.4% | 中等 | 24.59% |
| 392 | [判断子序列](https://leetcode-cn.com/problems/is-subsequence) | [83](https://leetcode-cn.com/problems/is-subsequence/solution) | 47.5% | 简单 | 24.33% |
| 34 | [在排序数组中查找元素的第一个和最后一个位置](https://leetcode-cn.com/problems/find-first-and-last-position-of-element-in-sorted-array) | [207](https://leetcode-cn.com/problems/find-first-and-last-position-of-element-in-sorted-array/solution) | 38.3% | 中等 | 23.98% |
| 352 | [将数据流变为多个不相交区间](https://leetcode-cn.com/problems/data-stream-as-disjoint-intervals) | [10](https://leetcode-cn.com/problems/data-stream-as-disjoint-intervals/solution) | 50.4% | 困难 | 23.52% |
| 363 | [矩形区域不超过 K 的最大数值和](https://leetcode-cn.com/problems/max-sum-of-rectangle-no-larger-than-k) | [9](https://leetcode-cn.com/problems/max-sum-of-rectangle-no-larger-than-k/solution) | 32.4% | 困难 | 23.35% |
| 315 | [计算右侧小于当前元素的个数](https://leetcode-cn.com/problems/count-of-smaller-numbers-after-self) | [48](https://leetcode-cn.com/problems/count-of-smaller-numbers-after-self/solution) | 36.7% | 困难 | 22.91% |
| 454 | [四数相加 II](https://leetcode-cn.com/problems/4sum-ii) | [32](https://leetcode-cn.com/problems/4sum-ii/solution) | 53.7% | 中等 | 22.06% |
| 981 | [基于时间的键值存储](https://leetcode-cn.com/problems/time-based-key-value-store) | [13](https://leetcode-cn.com/problems/time-based-key-value-store/solution) | 33.1% | 中等 | 22.04% |
| 81 | [搜索旋转排序数组 II](https://leetcode-cn.com/problems/search-in-rotated-sorted-array-ii) | [45](https://leetcode-cn.com/problems/search-in-rotated-sorted-array-ii/solution) | 34.6% | 中等 | 21.12% |
| 222 | [完全二叉树的节点个数](https://leetcode-cn.com/problems/count-complete-tree-nodes) | [35](https://leetcode-cn.com/problems/count-complete-tree-nodes/solution) | 64.2% | 中等 | 20.81% |
| 1182 | [与目标颜色间的最短距离](https://leetcode-cn.com/problems/shortest-distance-to-target-color) | [5](https://leetcode-cn.com/problems/shortest-distance-to-target-color/solution) | 27.9% | 中等 | 20.21% |
| 230 | [二叉搜索树中第K小的元素](https://leetcode-cn.com/problems/kth-smallest-element-in-a-bst) | [81](https://leetcode-cn.com/problems/kth-smallest-element-in-a-bst/solution) | 67.4% | 中等 | 20.17% |
| 350 | [两个数组的交集 II](https://leetcode-cn.com/problems/intersection-of-two-arrays-ii) | [119](https://leetcode-cn.com/problems/intersection-of-two-arrays-ii/solution) | 45.6% | 简单 | 20.03% |
| 1011 | [在 D 天内送达包裹的能力](https://leetcode-cn.com/problems/capacity-to-ship-packages-within-d-days) | [8](https://leetcode-cn.com/problems/capacity-to-ship-packages-within-d-days/solution) | 49.5% | 中等 | 20.01% |
| 1060 | [有序数组中的缺失元素](https://leetcode-cn.com/problems/missing-element-in-sorted-array) | [12](https://leetcode-cn.com/problems/missing-element-in-sorted-array/solution) | 45.4% | 中等 | 19.58% |
| 475 | [供暖器](https://leetcode-cn.com/problems/heaters) | [38](https://leetcode-cn.com/problems/heaters/solution) | 28.7% | 简单 | 19.58% |
| 29 | [两数相除](https://leetcode-cn.com/problems/divide-two-integers) | [127](https://leetcode-cn.com/problems/divide-two-integers/solution) | 19.0% | 中等 | 18.87% |
| 528 | [按权重随机选择](https://leetcode-cn.com/problems/random-pick-with-weight) | [11](https://leetcode-cn.com/problems/random-pick-with-weight/solution) | 39.3% | 中等 | 18.66% |
| 349 | [两个数组的交集](https://leetcode-cn.com/problems/intersection-of-two-arrays) | [107](https://leetcode-cn.com/problems/intersection-of-two-arrays/solution) | 67.4% | 简单 | 17.34% |
| 436 | [寻找右区间](https://leetcode-cn.com/problems/find-right-interval) | [22](https://leetcode-cn.com/problems/find-right-interval/solution) | 42.1% | 中等 | 16.54% |
| 275 | [H指数 II](https://leetcode-cn.com/problems/h-index-ii) | [24](https://leetcode-cn.com/problems/h-index-ii/solution) | 39.3% | 中等 | 15.06% |
| 270 | [最接近的二叉搜索树值](https://leetcode-cn.com/problems/closest-binary-search-tree-value) | [25](https://leetcode-cn.com/problems/closest-binary-search-tree-value/solution) | 49.0% | 简单 | 13.77% |
| 154 | [寻找旋转排序数组中的最小值 II](https://leetcode-cn.com/problems/find-minimum-in-rotated-sorted-array-ii) | [42](https://leetcode-cn.com/problems/find-minimum-in-rotated-sorted-array-ii/solution) | 46.2% | 困难 | 10.48% |
| 35 | [搜索插入位置](https://leetcode-cn.com/problems/search-insert-position) | [245](https://leetcode-cn.com/problems/search-insert-position/solution) | 44.7% | 简单 | 10.12% |
| 278 | [第一个错误的版本](https://leetcode-cn.com/problems/first-bad-version) | [51](https://leetcode-cn.com/problems/first-bad-version/solution) | 35.4% | 简单 | 8.91% |
| 374 | [猜数字大小](https://leetcode-cn.com/problems/guess-number-higher-or-lower) | [33](https://leetcode-cn.com/problems/guess-number-higher-or-lower/solution) | 41.8% | 简单 | 8.62% |
| 1292 | [元素和小于等于阈值的正方形的最大边长](https://leetcode-cn.com/problems/maximum-side-length-of-a-square-with-sum-less-than-or-equal-to-threshold) | [25](https://leetcode-cn.com/problems/maximum-side-length-of-a-square-with-sum-less-than-or-equal-to-threshold/solution) | 37.8% | 中等 | 8.33% |
| 441 | [排列硬币](https://leetcode-cn.com/problems/arranging-coins) | [43](https://leetcode-cn.com/problems/arranging-coins/solution) | 39.7% | 简单 | 7.65% |
| 852 | [山脉数组的峰顶索引](https://leetcode-cn.com/problems/peak-index-in-a-mountain-array) | [68](https://leetcode-cn.com/problems/peak-index-in-a-mountain-array/solution) | 68.7% | 简单 | 7.44% |
| 1237 | [找出给定方程的正整数解](https://leetcode-cn.com/problems/find-positive-integer-solution-for-a-given-equation) | [30](https://leetcode-cn.com/problems/find-positive-integer-solution-for-a-given-equation/solution) | 67.1% | 简单 | 7.42% |
| 1283 | [使结果不超过阈值的最小除数](https://leetcode-cn.com/problems/find-the-smallest-divisor-given-a-threshold) | [27](https://leetcode-cn.com/problems/find-the-smallest-divisor-given-a-threshold/solution) | 29.2% | 中等 | 5.75% |
| 744 | [寻找比目标字母大的最小字母](https://leetcode-cn.com/problems/find-smallest-letter-greater-than-target) | [42](https://leetcode-cn.com/problems/find-smallest-letter-greater-than-target/solution) | 43.9% | 简单 | 4.59% |
| 875 | [爱吃香蕉的珂珂](https://leetcode-cn.com/problems/koko-eating-bananas) | [18](https://leetcode-cn.com/problems/koko-eating-bananas/solution) | 37.4% | 中等 | 4.55% |
| 367 | [有效的完全平方数](https://leetcode-cn.com/problems/valid-perfect-square) | [54](https://leetcode-cn.com/problems/valid-perfect-square/solution) | 42.8% | 简单 | 2.83% |
| 1198 | [找出所有行中最小公共元素](https://leetcode-cn.com/problems/find-smallest-common-element-in-all-rows) | [8](https://leetcode-cn.com/problems/find-smallest-common-element-in-all-rows/solution) | 70.6% | 中等 |  |
| 1150 | [检查一个数是否在数组中占绝大多数](https://leetcode-cn.com/problems/check-if-a-number-is-majority-element-in-a-sorted-array) | [14](https://leetcode-cn.com/problems/check-if-a-number-is-majority-element-in-a-sorted-array/solution) | 65.2% | 简单 |  |
| 1064 | [不动点](https://leetcode-cn.com/problems/fixed-point) | [16](https://leetcode-cn.com/problems/fixed-point/solution) | 72.2% | 简单 |  |
| 774 | [最小化去加油站的最大距离](https://leetcode-cn.com/problems/minimize-max-distance-to-gas-station) | [6](https://leetcode-cn.com/problems/minimize-max-distance-to-gas-station/solution) | 55.3% | 困难 |  |
| 702 | [搜索长度未知的有序数组](https://leetcode-cn.com/problems/search-in-a-sorted-array-of-unknown-size) | [13](https://leetcode-cn.com/problems/search-in-a-sorted-array-of-unknown-size/solution) | 65.2% | 中等 |  |
| 719 | [找出第 k 小的距离对](https://leetcode-cn.com/problems/find-k-th-smallest-pair-distance) | [12](https://leetcode-cn.com/problems/find-k-th-smallest-pair-distance/solution) | 30.5% | 困难 |  |
| 302 | [包含全部黑色像素的最小矩形](https://leetcode-cn.com/problems/smallest-rectangle-enclosing-black-pixels) | [6](https://leetcode-cn.com/problems/smallest-rectangle-enclosing-black-pixels/solution) | 69.1% | 困难 |  |