1, salient 突出的，显著的 ~ feature

Another salient feature of a research article that students should note the style of writing.

The introduction section of this article is no more demanding than what can be found in the chapters on mitosis in a typical molecular and cell biology textbook and will not pose significant difficulties for undergraduate students who have attended lectures on cell division covering key ideas on mitosis.

2, chapter 章，回

3, molecular 分子的

Molecular sieve has the advantages of good absorbability, reproducibility and heat stability.

4, undergraduate 本科生

5, citation 引用

6, foregoing 上述的

In the foregoing passage, the characteristics of the enzyme called chitin synthase is being introduced.

7, substantiate 证实

8, intuitive 凭直觉得到的；直觉的；有直觉力的；易懂的；使用简便的

9, reinforce 加强

10, notion 概念，理解

11, contradict 反驳

12, hypothesis 假设，（少量事实依据未被证实的）假说

13, entail 涉及

14, premise 前提

15, underlying 根本的，潜在的 ~ bias

16, preliminary 预备性的

17, prevailing 普遍存在的

18, dispute 争论，对...表示异议

Also the author could seek to dispute existing ideas using newly invented technologies not previously available so as to establish a new theory.

19, pattern 样本 analyse for specific patterns

20, technological capability 技术能力

21, comparative study to carry out a line of investigations 进行一系列调查的比较研究

22, survey 测量，勘测，评述，研究（总体的）

23, faculty member 教师

24, contradicting 矛盾的

25, advent 到来，出现 with the ~ of ...

With the advent of precise robotics and computational capabilities, large-scale or genome-wide experiments can be carried out to examine thousands of genes and gene products in a high-throughput manner.

26, nonetheless 虽然如此

27, strategy 策略

28, in light of 鉴于，按照，根据

This might also influence how you could assess the work in light of the underlying research questions.

日式豆腐鸡腿锅128 照烧鱿鱼60 土豆沙拉38 汉堡肉68 黄油滑蛋38 时令天妇罗78 煎三文鱼68 南蛮鸡肉68 烧鸡腿12/串

29, i.e. 也就是

30, primary literature 原始文献，一级文献（最主要）

31, with respect to 关于

32, disrupt 扰乱

They could also study how this process could be disrupted in breast cancer cell lines to try and provide some molecular basis for the down-regulation of gene X in cancer samples.

33, in a sense 在某种意义上来说

34, sound out 探询...的意见 ~ your lecturer

35, meant 为...而准备的 be ~ for sb to do

36, high-profile 高调，经常出镜的 ~ journal <—> obscure journal

37, 这个对于我来说是。。。样的

This is to me an essential part of keeping the teaching authentic by making students evaluate carefully what it is that they choose to accept as objective truths in science.

... see what the reasons are that...

38, protocol 协议

39, reagent 试剂

40, commercially 商业

41, sequencing 前后顺序

42, incorporate 合并

1. dedicated explanation 专门解释
2. elaborate 详细描述v.
3. allocate 分配

46, ethical 道德的

47, confidentiality 保密性 patient ~

48, institutional 机构的

49, exemption 免除

50, grant 授予

51, explicitly 明确地

52, subsequently 随后地 adv.

53, lingering 迟迟不去的 adj.

54, as such 像这样的

55, appraise 评价

56, pertinent 有关的

57, replicate 复制

58, statistic 统计资料

59, set-up 组织

60, relegate 降级

61, alternatively 或者

62, the various techniques are not in any way detailing the research strategy 各种技术并没有以任何方式详细说明研究策略

63, consequently 因此

64, collectively 共同地，整体地

65, be consistent with 与。。。保持一致，符合