CLAIMS

What is claimed is:

1. An information processing method, applied to a terminal and comprising:

determining a priority of first information; and

performing, based on the priority of the first information, an operation associated with the priority of the first information; wherein

a radio access technology RAT corresponding to the first information is new radio NR; and

the priority of the first information is a priority of a logical channel corresponding to the first information; or the priority of the first information is indicated by a priority indication carried in NR sidelink control information, SCI.

2. The method according to claim 1, wherein in a case that the first information and second information need to be transmitted/received simultaneously, the performing, based on the priority of the first information, an operation associated with the priority of the first information comprises:

preferentially transmitting/receiving one of the first information and the second information that has a higher priority.

3. The method according to claim 2, wherein the one of the first information and the second information that has the higher priority is determined by using at least one of the following:

comparing the priority of the first information with a priority of the second information;

comparing a second priority with first mapping information based on a preset correspondence between preset priorities and mapping information, wherein the second priority is the priority of the first information, and the first mapping information is obtained by mapping a priority of the second information; or the second priority is a priority of the second information, and the first mapping information is obtained by mapping the priority of the first information;

comparing the priority of the first information with a first threshold, and comparing a priority of the second information with a second threshold;

comparing the priority of the first information with a third threshold;

comparing a priority of the second information with a fourth threshold; and

presetting a priority order.

4. The method according to claim 2, wherein in a case that the first information and the second information correspond to different hybrid automatic repeat request HARQ processes, the preferentially transmitting/receiving the one of the first information and the second information that has the higher priority comprises:

transmitting/receiving the one of the first information and the second information that has the higher priority by using a first HARQ process, wherein the first HARQ process corresponds to the one of the first information and the second information that has the higher priority; and

the method further comprises:

dropping a second HARQ process, wherein the second HARQ process corresponds to the other one of the first information and the second information that has a lower priority.

5. The method according to claim 1 or 2, wherein the first information comprises any one of the following:

sidelink data, PC5 media access control control element MAC CE, PC5 discovery related message, PC5 synchronization related message, PC5 radio resource control RRC message, and PC5-S message.

6. The method according to claim 2, wherein the second information comprises any one of the following:

sidelink data, PC5 MAC CE, PC5 discovery related message, PC5 synchronization related message, PC5-RRC message, PC5-S message, Uu data, Uu MAC CE, and Uu RRC message.

7. A terminal, comprising:

a determining module, configured to determine a priority of first information; and

an execution module, configured to perform, based on the priority of the first information, an operation associated with the priority of the first information;

wherein a RAT corresponding to the first information is NR; and

the priority of the first information is a priority of a logical channel corresponding to the first information; or the priority of the first information is indicated by a priority indication carried in NR sidelink control information, SCI.

8. The terminal according to claim 7, wherein the execution module is specifically configured to: in a case that the first information and second information need to be transmitted/received simultaneously, preferentially transmit/receive one of the first information and the second information that has a higher priority.

9. The terminal according to claim 8, wherein the one of the first information and the second information that has the higher priority is determined by using at least one of the following:

comparing the priority of the first information with a priority of the second information;

comparing a second priority with first mapping information based on a preset correspondence between preset priorities and mapping information, wherein the second priority is the priority of the first information, and the first mapping information is obtained by mapping a priority of the second information; or the second priority is a priority of the second information, and the first mapping information is obtained by mapping the priority of the first information;

comparing the priority of the first information with a first threshold, and comparing a priority of the second information with a second threshold;

comparing the priority of the first information with a third threshold;

comparing a priority of the second information with a fourth threshold; and

presetting a priority order.

10. The terminal according to claim 8, wherein in a case that the first information and the second information correspond to different hybrid automatic repeat request HARQ processes, the execution module is specifically configured to:

transmit/receive the one of the first information and the second information that has the higher priority by using a first HARQ process, wherein the first HARQ process corresponds to the one of the first information and the second information that has the higher priority; and

drop a second HARQ process, wherein the second HARQ process corresponds to the other one of the first information and the second information that has a lower priority.

11. The terminal according to claim 7 or 8, wherein the first information comprises any one of the following:

sidelink data, PC5 media access control control element MAC CE, PC5 discovery related message, PC5 synchronization related message, PC5 radio resource control RRC message, and PC5-S message.

12. The terminal according to claim 8, wherein the second information comprises any one of the following:

sidelink data, PC5 MAC CE, PC5 discovery related message, PC5 synchronization related message, PC5-RRC message, PC5-S message, Uu data, Uu MAC CE, and Uu RRC message.

13. A terminal, comprising a memory, a processor, and a computer program stored in the memory and capable of running on the processor, wherein when the computer program is executed by the processor, the steps of the information processing method according to any one of claims 1 to 6 are implemented.

14. A computer-readable storage medium storing a computer program thereon, wherein when the computer program is executed by a processor, the steps of the information processing method according to any one of claims 1 to 6 are implemented.