

```
public static int sumArray(int[] array) {  
    int result = 0;  
    for (int i = 0; i < array.length; i++) {  
        result = result + array[i];  
    }  
    return result;  
}
```

The diagram illustrates control flow with colored nodes and arrows. Orange nodes and arrows represent the 'for' loop body, while purple nodes and arrows represent the rest of the function. The flow starts at the function entry, goes to the 'for' loop body, then to the 'return' statement, and finally exits the function. There are also arrows from the 'for' loop body to the 'return' statement and from the 'return' statement to the function exit.