International Scientific Journal

**Semiconductor Physics, Quantum Electronics and Optoelectronics**

MANUSCRIPT EVALUATION SHEET

**Title:** **Characterization and optimization features of high-efficiency silicon solar cells with dominating surface recombination**

**Authors** **A.V. Sachenko, V.P. Kostylov, I.O. Sokolovsky, and A.I. Shkrebtii**

Article number:

Data of receiving the article:

Data of review:

The reviewers have to pay their main attention to:

- topicality of problems elucidated in the paper and how it complies with the journal directions;

- availability of comparative analysis between the development and world-level achievements;

- scientific value of the work in basic and applied developments.

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| --- | --- |
| ***Topicality of the work***  *The work is of high quality and relates to the actual direction*  *The work presents new or original results in traditional fields and gives adequate interpretation*  *The work has no principal new experimental or theoretical data*  *The work has no new knowledge*  *Other* | ***Breadth of the scientific topic***  *Interesting for wide circle of specialists working in the areas of natural science*  *Interesting for wide circle of specialists working in adjacent scientific areas*  *Interesting for wide circle of specialists working in narrow scientific areas*  *Interesting only for specialists of narrow scientific areas*  *Other* |
| ***Ideological level of the work***  *The work presents a development of original idea*  *The work presents a development of actual known idea*  *The work does not contain a scientific novelty*  *Other* | ***Experimental level of the work***  *The work is of high quality and suggests entirely new experimental evidences*  *The work is of enough quality*  *The work is of not enough high quality and uses old methods or known data*  *Other* |
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**Conclusion: General evaluation of the manuscript**

*The work is eligible for publication*

*The work can be accepted with minimal modifications*

*The work can be accepted in a shorten form*

*The work can be accepted after major revision*

*The work cannot be recommended for publication*

*Substantiation of expert conclusions, if necessary*

Reviewer, sign