

Review Form 3

Book Name:	Current Research Progress in Physical Science
Manuscript Number:	Ms_BPR_4069
Title of the Manuscript:	Intensity dependent third order optical nonlinearity of zinc-tetraphenyl porphyrin ultrathin film in nano-second regime
Type of the Article	Book Chapter

General guidelines for the Peer Review process:

This Book's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

<https://r1.reviewerhub.org/general-editorial-policy/>

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Peer review Comments Approval Policy: <https://r1.reviewerhub.org/peer-review-comments-approval-policy/>

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Special note:

A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.

Source Article:

This chapter is an extended version of the article published by the same author(s) in the following journal.

AIP Conference Proceedings, 2115, 030287, 2019.

Available: <https://doi.org/10.1063/1.5113126>

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PART 1: Comments

	Reviewer’s comment	Author’s Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	The topic of this manuscript is one of the important topics in the field of nonlinear optics (benefits and applications) if it is addressed in a correct systematic manner.	
Is the title of the article suitable? (If not please suggest an alternative title)	I suggest replacing the word (ultrathin) with (thin) in the title and in the text of the manuscript, since the term (ultrathin) refers to (< 100 nm). Suggested title: Intensity Dependent Third Order Optical Nonlinearity of Zinc-Tetraphenyl Porphyrin Thin film in Nano-Second Regime	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Add the type of laser used. Why are there no keywords?	
Is the manuscript scientifically, correct? Please write here.	• The first sentence in the introduction needs to be rephrased to clarify its meaning. • The introduction is very brief and does not clearly explain the benefit of nonlinear optics in general and its applications and what is meant by the third order. • The author did not specify the duration of laser use, the number of pulses, or their repetition rate. • The author did not explain what the sub-figures (a,b,c, and d) represent in the description of Figure (2) as well as Figure (3). • The Conclusions need to be rephrased as they seem like the Abstract.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	References need to be updated so that the largest number is within the last five years.	
Is the language/English quality of the article suitable for scholarly communications?	Yes	
<u>Optional/General</u> comments		

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PART 2:

	Reviewer’s comment	Author’s comment (if agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in detail)	
Are there competing interest issues in this manuscript?	No	
If plagiarism is suspected, please provide related proofs or web links.	No, as far as I know.	

PART 3: Declaration of Competing Interest of the Reviewer:

Here reviewer should declare his/her competing interest. If nothing to declare he/she can write “I declare that I have no competing interest as a reviewer”

I declare that I have no competing interest as a reviewer.

PART 4: Objective Evaluation:

Guideline	MARKS of this manuscript
Give OVERALL MARKS you want to give to this manuscript (Highest: 10 Lowest: 0)	
Guideline: Accept As It Is: (>9-10)	4
Minor Revision: (>8-9)	5
Major Revision: (>7-8)	8
Serious Major revision: (>5-7)	8
Rejected (with repairable deficiencies and may be reconsidered): (>3-5)	0
Strongly rejected (with irreparable deficiencies.): (>0-3)	0

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Editorial Comments (This section is reserved for the comments from book editorial office and editors):

	Author's Feedback

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This section is mandatory to prepare the Reviewer Certificate.

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Write 5-8 Keywords regarding expertise of Reviewer	Laser, Nano, Thin Films, Biophysics, Optical Properties