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Book Name:	Current Research Progress in Physical Science
Manuscript Number:	Ms_BPR_4094
Title of the Manuscript:	Matter Dynamics in a Unitary Relativistic Quantum Theory
Type of the Article	Book chapter

PART 1: Comments

	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
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.	This manuscript that deals with dynamics of various matters (such as quantum matter and charged quantum particle) in various situation (such as in an electromagnetic field and gravitational field) is quite important for the scientific community. In this manuscript's "Introduction" section, the author says that "We found that the Schrödinger equation, standing at the basis of this theory is deficient, being in disagreement with the Hamilton equations and, consequently, with the basic principle of the energy conservation – an equation in agreement with these fundamentals is obtained only when the Hamiltonian of the Schrödinger equation is replaced with the Lagrangian.". As the author said, this manuscript explains a deficiency in physics and presents its solution. And this is done successfully in a scientific and professional way.	
Is the title of the article suitable? (If not please suggest an alternative title)	It could be suitable but the title "Matter Dynamics in the Theory of Unitary Relativistic Quantum Mechanics" could be more suitable.	
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.	The abstract of the article is quite comprehensive. Perhaps, the deficiency of Schrödinger equation and the presented solution could have also been mentioned.	
Is the manuscript scientifically, correct? Please write here.	I have examined everything written and every mathematical operations performed in the manuscript, quite comprehensively. But I couldn't find anything unscientific.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. =	The references are quite sufficient and recent. Perhaps, " <i>Stefanescu E. Unitary relativistic quantum theory. Mater Sci Nanotechnol. 2018;2(1):17-28. (DOI: 10.35841/nanotechnology.2.1.17-28)</i> " could have also been added as a reference.	
Is the language/English quality of the article suitable for scholarly communications?	The language quality of the article is quite suitable for scholarly communications. Also, the author's language is quite understandable.	
<u>Optional/General</u> comments	In the 4th term of the equation (28) of the manuscript, the use of the symbol "j" as the summation index may lead to confusion. And, in the sentence between equations (81) and (82) of the manuscript, an extra "of the" is used. In addition, talented physicists such as Einstein and Minkowski use "space-time or spacetime" instead of "time-space" in their texts.	

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PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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