

Review Form 1.7

Journal Name:	Journal of Materials Science Research and Reviews
Manuscript Number:	Ms_JMSRR_95693
Title of the Manuscript:	Charge Transport Enhancement in Anthracene Molecular Junction: DFT Studies
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal'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 guideline for Peer Review process, reviewers are requested to visit this link:

(<https://journaljmsrr.com/index.php/JMSRR/editorial-policy>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (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)
Compulsory REVISION comments 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. (Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)	I can recommend this paper for the publication in journal "JMSRR" In this paper was study the charge transport in anthracene molecular Junction. For studies of this systems used the DFT calculation. In this paper theoretically analyzed the electronic transportations properties with emphasis on electrical conduction. It is found that the amines anchor group have a higher conductance for an anthracene molecular junctions (MJs). These findings can be very helpful in understanding and fabrication of either n-type or p-typed high conductive single molecule electronic components.	
Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?	I am recommending to include in the references the next publication: 1. Kruchinin S., Pruschke T., Thermopower for a molecule with vibrational degrees of freedom. Physics Letters A. 378 , 2014 p.157-161. 2.Ermakov V., Kruchinin S., Pruschke T., Freericks J. Thermoelectricity in tunneling nanostructures. Physical Review B, 92 (2015), p.115531.	
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment (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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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