Deb Sankar De

List of Publications by Year
in descending order

8 papers	106 citations	1684188 5 h-index	1588992 8 g-index
8 all docs	8 docs citations	8 times ranked	159 citing authors

#	Article	IF	Citations
1	An assessment of the structural resolution of various fingerprints commonly used in machine learning. Machine Learning: Science and Technology, 2021, 2, 015018.	5.0	37
2	Stable structures of exohedrally decorated C60-fullerenes. Carbon, 2018, 129, 847-853.	10.3	27
3	Nonexistence of the decahedral <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>Si</mml:mi></mml:mrow><mml:mn>20</mml:mn></mml:msub></mml:math> cage: Levinthal's paradox revisited. Physical Review B, 2020, 101, .	3.2	12
4	Finding Reaction Pathways with Optimal Atomic Index Mappings. Physical Review Letters, 2019, 123, 206102.	7.8	10
5	Fingerprint-Based Detection of Non-Local Effects in the Electronic Structure of a Simple Single Component Covalent System. Condensed Matter, 2021, 6, 9.	1.8	10
6	Design of iso-material heterostructures of TiO₂via seed mediated growth and arrested phase transitions. Physical Chemistry Chemical Physics, 2020, 22, 25366-25379.	2.8	4
7	Maximum volume simplex method for automatic selection and classification of atomic environments and environment descriptor compression. Journal of Chemical Physics, 2020, 153, 214104.	3.0	4
8	Influence of an external electric field on the potential-energy surface of alkali-metal-decorated C60. Physical Review A, 2018, 97, .	2.5	2