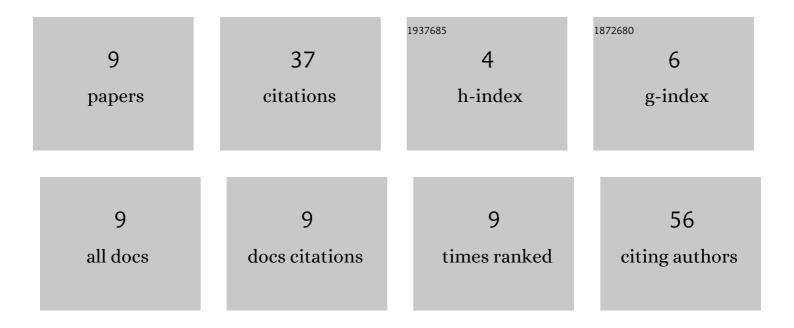
## Sumit Naskar

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4380603/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Effects of low-lying excitations in pentalene and its derivatives in singlet fission: a model exact and density matrix renormalisation group study. Molecular Physics, 2021, 119, e1895346.	1.7	0
2	A Remarkable Fluorescence Quenching Based Amplification in ATP Detection through Signal Transduction in Selfâ€Assembled Multivalent Aggregates. Chemistry - A European Journal, 2020, 26, 13595-13600.	3.3	6
3	Dissociative electron attachment to SO <sub>2</sub> near 7.5 eV resonance and axial-recoil approximation. Journal of Physics: Conference Series, 2020, 1412, 052005.	0.4	0
4	The use of low-lying excited states of zethrene and its homologs in singlet fission within Pariser-Parr-Pople model Hamiltonian: A Density Matrix Renormalization Group study. Chemical Physics, 2020, 533, 110717.	1.9	3
5	First principle investigations on transport properties in porphyrin, hexaphyrin, and hexathia[26i€]annulene molecular junction devices. Applied Physics Letters, 2020, 116, .	3.3	2
6	Energy ordering of singlet and triplet excited states in indacenodithiophene and indenofluorenes molecules in singlet fission: A model exact and density matrix renormalization group study. Chemical Physics Letters, 2020, 749, 137368.	2.6	4
7	Probing the molecular structure and properties of neutral and anionic ground states of SO2 and CO2. European Physical Journal D, 2019, 73, 1.	1.3	5
8	Assisted π-stacking: a strong synergy between weak interactions. Chemical Communications, 2018, 54, 12186-12189.	4.1	10
9	Singlet and Triplet Excited State Energy Ordering in Cyclopenta-Fused Polycyclic Aromatic Hydrocarbons (CP-PAHs) Suitable for Energy Harvesting: An Exact Model and TDDFT Study. ACS Omega, 2017, 2, 1795-1803.	3.5	7