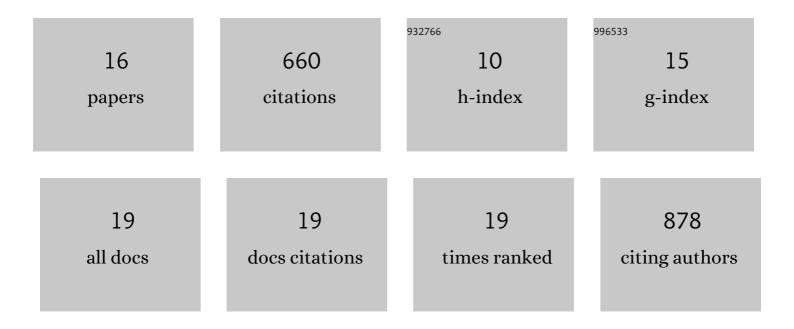
## Raja Ghosh

List of Publications by Year in descending order

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DAIA CHOCH

#	Article	IF	CITATIONS
1	Transferability of data-driven, many-body models for CO2 simulations in the vapor and liquid phases. Journal of Chemical Physics, 2022, 156, 104503.	1.2	12
2	Quantifying Polaron Mole Fractions and Interpreting Spectral Changes in Molecularly Doped Conjugated Polymers. Advanced Electronic Materials, 2022, 8, .	2.6	7
3	The behavior of methane–water mixtures under elevated pressures from simulations using many-body potentials. Journal of Chemical Physics, 2022, 156, .	1.2	7
4	Topology-Mediated Enhanced Polaron Coherence in Covalent Organic Frameworks. Journal of Physical Chemistry Letters, 2021, 12, 9442-9448.	2.1	7
5	Unraveling the effect of defects, domain size, and chemical doping on photophysics and charge transport in covalent organic frameworks. Chemical Science, 2021, 12, 8373-8384.	3.7	23
6	Excitons and Polarons in Organic Materials. Accounts of Chemical Research, 2020, 53, 2201-2211.	7.6	63
7	Data-Driven Many-Body Models with Chemical Accuracy for CH <sub>4</sub> /H <sub>2</sub> O Mixtures. Journal of Physical Chemistry B, 2020, 124, 11207-11221.	1.2	28
8	Anisotropic Polaron Delocalization in Conjugated Homopolymers and Donor–Acceptor Copolymers. Chemistry of Materials, 2019, 31, 7033-7045.	3.2	39
9	Spectral Signatures and Spatial Coherence of Bound and Unbound Polarons in P3HT Films: Theory Versus Experiment. Journal of Physical Chemistry C, 2018, 122, 18048-18060.	1.5	70
10	Unraveling the Effect of Conformational and Electronic Disorder in the Charge Transport Processes of Semiconducting Polymers. Advanced Functional Materials, 2018, 28, 1804142.	7.8	34
11	Sequential Doping Reveals the Importance of Amorphous Chain Rigidity in Charge Transport of Semi-Crystalline Polymers. Journal of Physical Chemistry Letters, 2017, 8, 4974-4980.	2.1	72
12	The Effects of Crystallinity on Charge Transport and the Structure of Sequentially Processed F <sub>4</sub> TCNQâ€Doped Conjugated Polymer Films. Advanced Functional Materials, 2017, 27, 1702654.	7.8	190
13	Polaron Delocalization in Conjugated Polymer Films. Journal of Physical Chemistry C, 2016, 120, 11394-11406.	1.5	79
14	The effect of cluster size on the optical band gap energy of Zn-based metal–organic frameworks. Dalton Transactions, 2015, 44, 13464-13468.	1.6	6
15	Synthesis, structure, photocatalytic and magnetic properties of an oxo-bridged copper dimer. RSC Advances, 2014, 4, 21195-21200.	1.7	9
16	Understanding Bipolarons in Conjugated Polymers Using a Multiparticle Holstein Approach. Journal of Physical Chemistry C, 0, , .	1.5	14