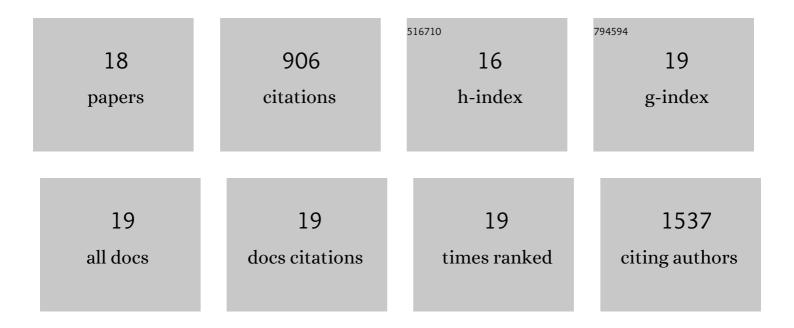
Sukrit Mukhopadhyay

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Mapping recombination profiles in single-, dual-, and mixed-host phosphorescent organic light emitting diodes. Organic Electronics, 2018, 57, 28-33.	2.6	2
2	Virtual Screening of Hole Transport, Electron Transport, and Host Layers for Effective OLED Design. Journal of Chemical Information and Modeling, 2018, 58, 2440-2449.	5.4	22
3	Boron-based TADF emitters with improved OLED device efficiency roll-off and long lifetime. Dyes and Pigments, 2017, 141, 83-92.	3.7	56
4	Highly Photoluminescent Nonconjugated Polymers for Single-Layer Light Emitting Diodes. ACS Photonics, 2017, 4, 631-641.	6.6	25
5	Novel Strategy for Photopatterning Emissive Polymer Brushes for Organic Light Emitting Diode Applications. ACS Central Science, 2017, 3, 654-661.	11.3	61
6	Tuning Thermally Activated Delayed Fluorescence Emitter Photophysics through Solvation in the Solid State. ACS Energy Letters, 2017, 2, 1526-1533.	17.4	49
7	Resolving and Controlling Photoinduced Ultrafast Solvation in the Solid State. Journal of Physical Chemistry Letters, 2017, 8, 4183-4190.	4.6	18
8	Benchmarking Post-Hartree–Fock Methods To Describe the Nonlinear Optical Properties of Polymethines: An Investigation of the Accuracy of Algebraic Diagrammatic Construction (ADC) Approaches. Journal of Chemical Theory and Computation, 2016, 12, 5465-5476.	5.3	13
9	Supramolecular Assembly of Complementary Cyanine Salt J-Aggregates. Journal of the American Chemical Society, 2015, 137, 11920-11923.	13.7	53
10	Design of Organic Chromophores for All-Optical Signal Processing Applications. Chemistry of Materials, 2014, 26, 549-560.	6.7	123
11	25th Anniversary Article: Design of Polymethine Dyes for Allâ€Optical Switching Applications: Guidance from Theoretical and Computational Studies. Advanced Materials, 2014, 26, 68-84.	21.0	97
12	Effect of Bulky Substituents on Thiopyrylium Polymethine Aggregation in the Solid State: A Theoretical Evaluation of the Implications for All-Optical Switching Applications. Chemistry of Materials, 2014, 26, 6439-6447.	6.7	18
13	Impact of the Nature of the Excited-State Transition Dipole Moments on the Third-Order Nonlinear Optical Response of Polymethine Dyes for All-Optical Switching Applications. ACS Photonics, 2014, 1, 261-269.	6.6	35
14	Impact of Bulk Aggregation on the Electronic Structure of Streptocyanines: Implications for the Solid-State Nonlinear Optical Properties and All-Optical Switching Applications. Journal of Physical Chemistry C, 2014, 118, 23575-23585.	3.1	20
15	Ï€â€Stacked Oligo(phenylene vinylene)s Based on Pseudoâ€Geminal Substituted [2.2]Paracyclophanes: Impact of Interchain Geometry and Interactions on the Electronic Properties. Angewandte Chemie - International Edition, 2012, 51, 11629-11632.	13.8	44
16	Impact of Electronic Coupling, Symmetry, and Planarization on One- and Two-Photon Properties of Triarylamines with One, Two, or Three Diarylboryl Acceptors. Journal of Physical Chemistry A, 2012, 116, 3781-3793.	2.5	88
17	Closely Stacked Oligo(phenylene ethynylene)s: Effect of ï€-Stacking on the Electronic Properties of Conjugated Chromophores. Journal of the American Chemical Society, 2012, 134, 7176-7185.	13.7	96
18	Polymethine dyes for all-optical switching applications: a quantum-chemical characterization of counter-ion and aggregation effects on the third-order nonlinear optical response. Chemical Science, 2012, 3, 3103.	7.4	75