

# Sabyasachi Pramanik

## List of Publications by Year in descending order

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Surface-modified quantum dots for advanced sensing applications. , 2022, , 243-282.		1
2	Physical insights into the facilitation of an unprecedented complexation reaction on the surface of a doped quantum dot leading to white light generation. Physical Chemistry Chemical Physics, 2021, 23, 9860-9866.	2.8	2
3	Charge Transport Characteristics of Surface-Complexed Quantum Dot in a Thin Film Transistor. Advanced Materials Interfaces, 2020, 7, 1901665.	3.7	3
4	The quantum dot-FRET-based detection of vitamin B12 at a picomolar level. Nanoscale Advances, 2020, 2, 3809-3814.	4.6	7
5	Engineering Quantum Dots with Ionic Liquid: A Multifunctional White Light Emitting Hydrogel for Enzyme Packaging. Advanced Optical Materials, 2020, 8, 1902022.	7.3	16
6	Luminescence Enhancement based Sensing of L-Cysteine by Doped Quantum Dots. Chemistry - an Asian Journal, 2020, 15, 1948-1952.	3.3	6
7	Chemical Reactions Involving the Surface of Metal Chalcogenide Quantum Dots. Langmuir, 2019, 35, 14399-14413.	3.5	14
8	Hue- and Chromaticity-Based Exploration of Surface Complexation-Induced Tunable Emission from Non-Luminescent Quantum Dots. Chemistry - an Asian Journal, 2019, 14, 3823-3829.	3.3	2
9	Enhanced Luminescence of a Quantum Dot Complex Following Interaction with Protein for Applications in Cellular Imaging, Sensing, and White-Light Generation. ACS Applied Nano Materials, 2019, 2, 2358-2366.	5.0	10
10	A two-target responsive reversible ratiometric pH nanoprobe: a white light emitting quantum dot complex. Chemical Communications, 2019, 55, 4331-4334.	4.1	20
11	A White Light-Emitting Quantum Dot Complex for Single Particle Level Interaction with Dopamine Leading to Changes in Color and Blinking Profile. Small, 2018, 14, e1800323.	10.0	16
12	Surface Complexed ZnO Quantum Dot for White Light Emission with Controllable Chromaticity and Color Temperature. Langmuir, 2017, 33, 14627-14633.	3.5	24
13	Zinc quinolate complex decorated CuInS <sub>2</sub> /ZnS core/shell quantum dots for white light emission. Journal of Materials Chemistry C, 2017, 5, 7291-7296.	5.5	17
14	Gold Nanocluster and Quantum Dot Complex in Protein for Biofriendly White-Light-Emitting Material. ACS Applied Materials & Interfaces, 2016, 8, 1600-1605.	8.0	48
15	Double Channel Emission from a Redox Active Single Component Quantum Dot Complex. Langmuir, 2015, 31, 551-561.	3.5	21
16	Synchronous Tricolor Emission-Based White Light from Quantum Dot Complex. Journal of Physical Chemistry Letters, 2015, 6, 1270-1274.	4.6	43
17	Surface Complexation Reaction for Phase Transfer of Hydrophobic Quantum Dot from Nonpolar to Polar Medium. Langmuir, 2014, 30, 10760-10765.	3.5	15