

# Sabyasachi Pramanik

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4857970/publications.pdf>

Version: 2024-02-01

17  
papers

265  
citations

933447

10  
h-index

940533

16  
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17  
all docs

17  
docs citations

17  
times ranked

282  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Synchronous Tricolor Emission-Based White Light from Quantum Dot Complex. Journal of Physical Chemistry Letters, 2015, 6, 1270-1274.	4.6	43
3	Surface Complexed ZnO Quantum Dot for White Light Emission with Controllable Chromaticity and Color Temperature. Langmuir, 2017, 33, 14627-14633.	3.5	24
4	Double Channel Emission from a Redox Active Single Component Quantum Dot Complex. Langmuir, 2015, 31, 551-561.	3.5	21
5	A two-target responsive reversible ratiometric pH nanoprobe: a white light emitting quantum dot complex. Chemical Communications, 2019, 55, 4331-4334.	4.1	20
6	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
7	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
8	Engineering Quantum Dots with Ionic Liquid: A Multifunctional White Light Emitting Hydrogel for Enzyme Packaging. Advanced Optical Materials, 2020, 8, 1902022.	7.3	16
9	Surface Complexation Reaction for Phase Transfer of Hydrophobic Quantum Dot from Nonpolar to Polar Medium. Langmuir, 2014, 30, 10760-10765.	3.5	15
10	Chemical Reactions Involving the Surface of Metal Chalcogenide Quantum Dots. Langmuir, 2019, 35, 14399-14413.	3.5	14
11	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
12	The quantum dot-FRET-based detection of vitamin B12 at a picomolar level. Nanoscale Advances, 2020, 2, 3809-3814.	4.6	7
13	Luminescence Enhancement based Sensing of L-Cysteine by Doped Quantum Dots. Chemistry - an Asian Journal, 2020, 15, 1948-1952.	3.3	6
14	Charge Transport Characteristics of Surface-Complexed Quantum Dot in a Thin Film Transistor. Advanced Materials Interfaces, 2020, 7, 1901665.	3.7	3
15	Hue and Chromaticity-Based Exploration of Surface Complexation-Induced Tunable Emission from Nonluminescent Quantum Dots. Chemistry - an Asian Journal, 2019, 14, 3823-3829.	3.3	2
16	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
17	Surface-modified quantum dots for advanced sensing applications. , 2022, , 243-282.		1