

Arvin Sain Tanwar

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Inner Filter Effect Based Selective Detection of Nitroexplosive-Picric Acid in Aqueous Solution and Solid Support Using Conjugated Polymer. ACS Sensors, 2016, 1, 1070-1077.	7.8	147
2	Inner Filter Effect and Resonance Energy Transfer Based Attogram Level Detection of Nitroexplosive Picric Acid Using Dual Emitting Cationic Conjugated Polyfluorene. ACS Sensors, 2018, 3, 1451-1461.	7.8	80
3	Dual "Static and Dynamic" Fluorescence Quenching Mechanisms Based Detection of TNT via a Cationic Conjugated Polymer. ACS Measurement Science Au, 2022, 2, 23-30.	4.4	72
4	"Receptor free" inner filter effect based universal sensors for nitroexplosive picric acid using two polyfluorene derivatives in the solution and solid states. Analyst, The, 2019, 144, 669-676.	3.5	45
5	An anionic conjugated polymer as a multi-action sensor for the sensitive detection of Cu ²⁺ and PPI, real-time ALP assaying and cell imaging. Analyst, The, 2015, 140, 4388-4392.	3.5	39
6	Stepwise elucidation of fluorescence based sensing mechanisms considering picric acid as a model analyte. Analyst, The, 2020, 145, 4753-4767.	3.5	36
7	Conjugated Polyelectrolyte-Passivated Stable Perovskite Solar Cells for Efficiency Beyond 20%. Chemistry of Materials, 2021, 33, 5709-5717.	6.7	33
8	Fluorescence "Turn-On" Indicator Displacement Assay-Based Sensing of Nitroexplosive 2,4,6-Trinitrophenol in Aqueous Media via a Polyelectrolyte and Dye Complex. ACS Omega, 2017, 2, 4424-4430.	3.5	30
9	An Unprecedented Blueshifted Naphthalimide AIEgen for Ultrasensitive Detection of "Nitroaniline in Water via "Receptor" Free IFE Mechanism. Chemistry - an Asian Journal, 2019, 14, 4725-4731.	3.3	14
10	Conjugated Polymer Nanoparticles as a Fluorescence Probe for Amplified Detection of Human Serum Bilirubin. ACS Applied Polymer Materials, 2022, 4, 3491-3497.	4.4	9
11	AIE active polymers for biological applications. Progress in Molecular Biology and Translational Science, 2021, 185, 137-177.	1.7	4
12	Thin-film devices for chemical, biological, and diagnostic applications. , 2021, , 369-405.		1