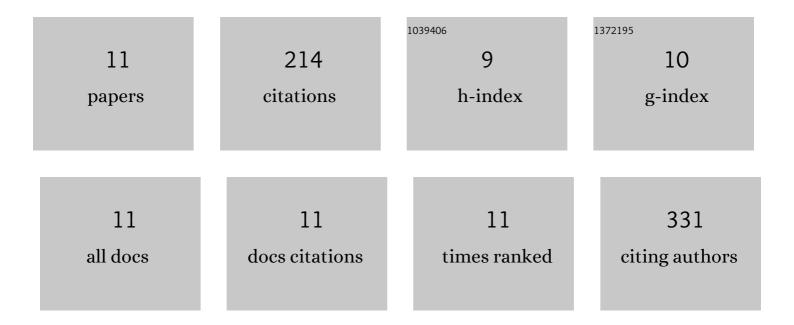
Sharad Kumar Asthana

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Cysteine driven decomposition and quenching of a fluorescent metalloreceptor: Optical detection and mechanistic insight. Inorganica Chimica Acta, 2022, 532, 120739.	1.2	0
2	An incisive optical recognition of monohydrogen phosphate by a fluorescein-based chemodosimeter. New Journal of Chemistry, 2020, 44, 2201-2205.	1.4	8
3	A selective hydrolytic and restructuring approach through a Schiff base design on a coumarin platform for "turn-on―fluorogenic sensing of Zn ²⁺ . Dalton Transactions, 2019, 48, 2068-2076.	1.6	24
4	Brightening Quinolineimines by Al ³⁺ and Subsequent Quenching by PPi/PA in Aqueous Medium: Synthesis, Crystal Structures, Binding Behavior, Theoretical and Cell Imaging Studies. Inorganic Chemistry, 2017, 56, 3315-3323.	1.9	41
5	A smart ratiometric red fluorescent chemodosimeter for fluoride based on anthraquinone nosylate. New Journal of Chemistry, 2017, 41, 5098-5104.	1.4	15
6	Efficient visualization of H ₂ S via a fluorescent probe with three electrophilic centres. Organic and Biomolecular Chemistry, 2016, 14, 3690-3694.	1.5	13
7	Design-specific mechanistic regulation of the sensing phenomena of two Schiff bases towards Al ³⁺ . RSC Advances, 2016, 6, 55430-55437.	1.7	17
8	A highly sensitive naphthaoxazole-based cell-permeable ratiometric chemodosimeter forÂhydrazine. RSC Advances, 2016, 6, 94959-94966.	1.7	24
9	A dichloro-substituted salicylimine as a bright yellow emissive probe for Al3+. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 329, 69-76.	2.0	18
10	A remarkable effect of N,N-diethylamino functionality on the optoelectronic properties of a salicylimine-based probe for Al ³⁺ . Dalton Transactions, 2014, 43, 5831-5839.	1.6	38
11	A reaction based chromofluorogenic turn-on probe for specific detection of fluoride over sulfide/thiols. Tetrahedron Letters, 2014, 55, 5988-5992.	0.7	16