

Himank Kumar

List of Publications by Year in descending order

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247
citations

1040056

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docs citations

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385
citing authors

#	ARTICLE	IF	CITATIONS
1	Antihypertensive activity of a quinoline appended chalcone derivative and its site specific binding interaction with a relevant target carrier protein. RSC Advances, 2015, 5, 65496-65513.	3.6	69
2	Design, Synthesis, Physicochemical Studies, Solvation, and DNA Damage of Quinoline-Appended Chalcone Derivative: Comprehensive Spectroscopic Approach toward Drug Discovery. Journal of Physical Chemistry B, 2014, 118, 7257-7266.	2.6	30
3	Is the Sudlow site I of human serum albumin more generous to adopt prospective anti-cancer bioorganic compound than that of bovine: A combined spectroscopic and docking simulation approach. Bioorganic Chemistry, 2017, 75, 332-346.	4.1	21
4	Conformation controlled turn on/off phosphorescence in a metal-free biluminophore: thriving the paradox that exists for organic compounds. Physical Chemistry Chemical Physics, 2016, 18, 27910-27920.	2.8	20
5	Groove binding mediated structural modulation and DNA cleavage by quinoline appended chalcone derivative. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 151, 605-615.	3.9	16
6	Aggregation/disaggregation pattern of photodynamically active ZnPc ₄ and its interaction with DNA alkylating quinone: effect of micellar compactness and central metal ion. RSC Advances, 2016, 6, 77161-77173.	3.6	16
7	Design, Synthesis, and Proticity Inclined Conformational Modulation in a Highly Fluorescent Bichromophoric Naphthalimide Derivative: Hint Directed from RICT Perspective. Journal of Physical Chemistry A, 2016, 120, 1000-1011.	2.5	16
8	Surfactant induced aggregation/disaggregation of photodynamic active chlorin e6 and its relevant interaction with DNA alkylating quinone in a biomimic micellar microenvironment. RSC Advances, 2015, 5, 81449-81460.	3.6	14
9	ESIPT reaction of potential bioactive heterocyclic Schiff base: Atomic visualization coupled with in vitro spectroscopy. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 326, 41-49.	3.9	12
10	Development of multifunctional heterocyclic Schiff base as a potential metal chelator: a comprehensive spectroscopic approach towards drug discovery. Journal of Biological Inorganic Chemistry, 2017, 22, 47-59.	2.6	10
11	Interaction of aluminum phthalocyanine with aziridinyl quinone in biomimicking micellar microenvironment for the application in photodynamic therapy: Effect of micellar hydration. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 316, 62-68.	3.9	7
12	A Chalcone-Based Potential Therapeutic Small Molecule That Binds to Subdomain IIA in HSA Precisely Controls the Rotamerization of Trp-214. ACS Omega, 2018, 3, 10114-10128.	3.5	7
13	A novel quinoline-appended chalcone derivative as potential Plasmodium falciparum gametocytocide. Journal of Vector Borne Diseases, 2019, 56, 189.	0.4	5
14	Changes in quaternary structure cause a kinetic asymmetry of glutamate racemase-catalyzed homocysteic acid racemization. FEBS Letters, 2018, 592, 3399-3413.	2.8	3
15	A platform for chemical modification of mandelate racemase: characterization of the C92S/C264S and I ³ -thialysine 166 variants. Protein Engineering, Design and Selection, 2018, 31, 135-145.	2.1	1