

# Himank Kumar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11032040/publications.pdf>

Version: 2024-02-01

15  
papers

247  
citations

1040056

9  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

385  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | A novel quinoline-appended chalcone derivative as potential Plasmodium falciparum gametocytocide. Journal of Vector Borne Diseases, 2019, 56, 189.   | 0.4 | 5         |
| 2  | Changes in quaternary structure cause a kinetic asymmetry of glutamate racemase-catalyzed homocysteic acid racemization. FEBS Letters, 2018, 592, 3399-3413.   | 2.8 | 3         |
| 3  | 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         |
| 4  | A platform for chemical modification of mandelate racemase: characterization of the C92S/C264S and $\beta$ -thialysine 166 variants. Protein Engineering, Design and Selection, 2018, 31, 135-145.   | 2.1 | 1         |
| 5  | 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        |
| 6  | 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        |
| 7  | 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        |
| 8  | Aggregation-disaggregation pattern of photodynamically active ZnPcS <sub>4</sub> and its interaction with DNA alkylating quinone: effect of micellar compactness and central metal ion. RSC Advances, 2016, 6, 77161-77173.                                    | 3.6 | 16        |
| 9  | Conformation controlled turn on-turn 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        |
| 10 | 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        |
| 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 | 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        |
| 13 | 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        |
| 14 | 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        |
| 15 | 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        |