

Pradeep K Jha

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

767
citations

706676

14
h-index

591227

27
g-index

29
all docs

29
docs citations

29
times ranked

1361
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Forecasting the impact of epidemic outbreaks on the supply chain: modelling asymptomatic cases of the COVID-19 pandemic. <i>International Journal of Production Research</i> , 2023, 61, 2670-2695. | 4.9 | 10 |
| 2 | Binding interaction study on human serum albumin with bactericidal gold nanoparticles synthesized from a leaf extract of <i>Musa balbisiana</i> : a multispectroscopic approach. <i>Luminescence</i> , 2019, 34, 563-575. | 1.5 | 14 |
| 3 | A sensorial colorimetric detection method for Hg ²⁺ and Cu ²⁺ ions using single probe sensor based on 5-methyl-1,3,4-thiadiazole-2-thiol stabilized gold nanoparticles and its application in real water sample analysis. <i>Microchemical Journal</i> , 2019, 147, 1163-1172. | 2.3 | 13 |
| 4 | Berberine derivatives as heteroatom induced hydrophobic sensor: An analytical approach for the selective and sensitive fluorometric detection and discrimination of serum albumins. <i>Analytica Chimica Acta</i> , 2019, 1065, 124-133. | 2.6 | 14 |
| 5 | Impact of styrene maleic anhydride (SMA) based hydrogel on rat fallopian tube as contraceptive implant with selective antimicrobial property. <i>Materials Science and Engineering C</i> , 2019, 94, 94-107. | 3.8 | 13 |
| 6 | Spectroscopic study on interaction of <i>Nymphaea nouchali</i> leaf extract mediated bactericidal gold nanoparticles with human serum albumin. <i>Journal of Molecular Structure</i> , 2019, 1179, 685-693. | 1.8 | 15 |
| 7 | Eco-friendly synthesis of a highly fluorescent carbon dots from spider silk and its application towards Hg (II) ions detection in real sample and living cells. <i>Microchemical Journal</i> , 2019, 144, 479-488. | 2.3 | 17 |
| 8 | Spectroscopic investigation on interaction of biogenic, <i>Croton bonplandianum</i> leaves extract mediated potential bactericidal silver nanoparticles with human hemoglobin and human serum albumin. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 711-723. | 2.0 | 17 |
| 9 | Green synthesis of magnetic Fe ₃ O ₄ nanoparticles using <i>Couroupita guianensis</i> Aubl. fruit extract for their antibacterial and cytotoxicity activities. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 589-598. | 1.9 | 120 |
| 10 | Natural Honeycomb Flavone Chrysin (5,7-dihydroxyflavone)-Reduced Graphene Oxide Nanosheets Fabrication for Improved Bactericidal and Skin Regeneration. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 349-363. | 3.2 | 17 |
| 11 | Antibacterial and cytotoxicity effects of biogenic palladium nanoparticles synthesized using fruit extract of <i>Couroupita guianensis</i> Aubl.. <i>Journal of Applied Biomedicine</i> , 2018, 16, 59-65. | 0.6 | 44 |
| 12 | Probing the binding of <i>Spathodea campanulata</i> leaves extract mediated biogenic potential microbicidal silver nanoparticles to human serum albumin: An insight in the light of spectroscopic approach. <i>Journal of Luminescence</i> , 2018, 202, 147-156. | 1.5 | 5 |
| 13 | Molecular binding of toxic phenothiazinium derivatives, azures to bovine serum albumin: A comparative spectroscopic, calorimetric, and in silico study. <i>Journal of Molecular Recognition</i> , 2017, 30, e2609. | 1.1 | 18 |
| 14 | Spectroscopic interaction study of human serum albumin and human hemoglobin with <i>Mersilea quadrifolia</i> leaves extract mediated silver nanoparticles having antibacterial and anticancer activity. <i>Journal of Molecular Structure</i> , 2017, 1141, 584-592. | 1.8 | 34 |
| 15 | Study of the interaction of human serum albumin with <i>Alstonia scholaris</i> leaf extract-mediated silver nanoparticles having bactericidal property. <i>Process Biochemistry</i> , 2017, 60, 59-66. | 1.8 | 18 |
| 16 | Potential targetability of multi-walled carbon nanotube loaded with silver nanoparticles photosynthesized from <i>Ocimum tenuiflorum</i> (tulsi extract) in fertility diagnosis. <i>Journal of Drug Targeting</i> , 2017, 25, 616-625. | 2.1 | 16 |
| 17 | Synthesis of a Naturally Occurring Plant Alkaloid Berberine Analogue and Its Application in Nanomolar Selective Detection of Hydrazine in Free and DNA Binding Situation.. <i>ChemistrySelect</i> , 2017, 2, 6519-6528. | 0.7 | 3 |
| 18 | Sensitive and robust colorimetric assay of Hg ²⁺ and S ²⁻ in aqueous solution directed by 5-sulfosalicylic acid-stabilized silver nanoparticles for wide range application in real samples. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 5645-5654. | 3.3 | 28 |

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|----|---|-----|-----------|
| 19 | Green synthesis of silver nanoparticles using <i>Pongamia pinnata</i> seed: Characterization, antibacterial property, and spectroscopic investigation of interaction with human serum albumin. <i>Journal of Molecular Recognition</i> , 2017, 30, e2565. | 1.1 | 50 |
| 20 | Probing suitable therapeutic nanoparticles for controlled drug delivery and diagnostic reproductive health biomarker development. <i>Materials Science and Engineering C</i> , 2016, 61, 235-245. | 3.8 | 10 |
| 21 | Cannonball fruit (<i>Couroupita guianensis</i> , Aubl.) extract mediated synthesis of gold nanoparticles and evaluation of its antioxidant activity. <i>Journal of Molecular Liquids</i> , 2016, 215, 229-236. | 2.3 | 132 |
| 22 | Dietary flavone chrysin (5,7-dihydroxyflavone ChR) functionalized highly-stable metal nanoformulations for improved anticancer applications. <i>RSC Advances</i> , 2015, 5, 89869-89878. | 1.7 | 42 |
| 23 | An emerging interface between life science and nanotechnology: present status and prospects of reproductive healthcare aided by nano-biotechnology. <i>Nano Reviews</i> , 2014, 5, 22762. | 3.7 | 53 |
| 24 | Entropy in good manufacturing system: Tool for quality assurance. <i>European Journal of Operational Research</i> , 2011, 211, 658-665. | 3.5 | 15 |
| 25 | Effect of β -dose rate and total dose interrelation on the polymeric hydrogel: A novel injectable male contraceptive. <i>Radiation Physics and Chemistry</i> , 2010, 79, 663-671. | 1.4 | 12 |
| 26 | An approach to noninvasive delivery, biodistribution, and fertility control potential evaluation of the Cuproferrogel iron oxide-copper-styrene maleic anhydride-dimethyl sulphoxide in the female. <i>Fertility and Sterility</i> , 2010, 94, 2850-2853. | 0.5 | 5 |
| 27 | Smart RISUG: A potential new contraceptive and its magnetic field-mediated sperm interaction. <i>International Journal of Nanomedicine</i> , 2009, 4, 55. | 3.3 | 21 |
| 28 | Spermicidal Action of Styrene Maleic Anhydride Polyelectrolyte in Combination with Magnetic and Electrically Conductive Particles. <i>International Journal of Pharmacology</i> , 2008, 5, 1-12. | 0.1 | 10 |