

Vinod Kumar

List of Publications by Year in descending order

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14
papers

235
citations

1040056

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1125743

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all docs

14
docs citations

14
times ranked

273
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of a Membrane-Active, Ring-Modified Histidine Containing Ultrashort Amphiphilic Peptide That Exhibits Potent Inhibition of <i>Cryptococcus neoformans</i> . <i>Journal of Medicinal Chemistry</i> , 2017, 60, 6607-6621.	6.4	35
2	Dimethyl fumarate protects thioacetamide-induced liver damage in rats: Studies on Nrf2, NLRP3, and NF- κ B. <i>Journal of Biochemical and Molecular Toxicology</i> , 2020, 34, e22476.	3.0	33
3	C-Terminal Fragment, A β ₃₂₋₃₇ , Analogues Protect Against A β Aggregation-Induced Toxicity. <i>ACS Chemical Neuroscience</i> , 2016, 7, 615-623.	3.5	30
4	Graphene Oxide as Proficient Adsorbent for the Removal of Harmful Pesticides: Comprehensive Experimental Cum DFT Investigations. <i>Analytical Chemistry Letters</i> , 2019, 9, 291-310.	1.0	26
5	Modified histidine containing amphipathic ultrashort antifungal peptide, His[2-p-(n-butyl)phenyl]-Trp-Arg-OMe exhibits potent anticryptococcal activity. <i>European Journal of Medicinal Chemistry</i> , 2021, 223, 113635.	5.5	20
6	Facile integration of a novel Sm-doped CoFe ₂ O ₄ @ g-CN heterostructure to expedite PMS and H ₂ O ₂ assisted degradation of pharmaceutical pollutants. <i>Applied Surface Science</i> , 2022, 580, 152254.	6.1	20
7	Interesting makeover of strontium hexaferrites for environment remediation from excellent photocatalysts to outstanding adsorbents via inclusion of Mn ³⁺ into the lattice. <i>Journal of Alloys and Compounds</i> , 2019, 791, 508-521.	5.5	18
8	Synthesis, stability and mechanistic studies of potent anticryptococcal hexapeptides. <i>European Journal of Medicinal Chemistry</i> , 2017, 132, 192-203.	5.5	14
9	Graphene based magnetic nanohybrids as promising catalysts for the green synthesis of β -amino alcohol derivatives. <i>Journal of Molecular Structure</i> , 2020, 1204, 127522.	3.6	12
10	Synchronous role of coupled adsorption and photocatalytic oxidation on the hybrid nanomaterials of pectin and nickel ferrite leads to the excellent removal of toxic dye effluents. <i>New Journal of Chemistry</i> , 2020, 44, 18879-18891.	2.8	9
11	C-Terminal Fragment, A β ₃₉₋₄₂ -Based Tetrapeptides Mitigates Amyloid- β Aggregation-Induced Toxicity. <i>ACS Omega</i> , 2018, 3, 10019-10032.	3.5	7
12	A β ₁₋₄₂ C-terminus fragment derived peptides prevent the self-assembly of the parent peptide. <i>RSC Advances</i> , 2017, 7, 4167-4173.	3.6	6
13	Interesting structural transformation of CdS from zinc blende into wurtzite during minuscule loading of magnetic nanoparticles: emergence of heterojunctions with enhanced photocatalytic performance. <i>New Journal of Chemistry</i> , 2017, 41, 14088-14102.	2.8	5
14	Synthesis of Benzenesulfonamide Derivatives via Ring Opening of Aziridines in the Presence of Magnetically Retrievable Graphene Based (CoFe@rGO) Nanohybrid. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2022, 32, 814-830.	3.7	0