Kiran K Sharma

List of Publications by Citations

11 papers	253 citations	10 h-index	12 g-index
12 ext. papers	278 ext. citations	3.6 avg, IF	2.63 L-index

#	Paper	IF	Citations
11	Investigation into the catalytic activity of porous platinum nanostructures. *Langmuir*, **2013**, 29, 11431-9	4	56
10	Catalytic activity of bare and porous palladium nanostructures in the reduction of 4-nitrophenol. *RSC Advances*, **2016**, 6, 11911-11920	3.7	31
9	One-Electron Oxidation and Reduction of Different Tautomeric Forms of Azo Dyes: A Pulse Radiolysis Study. *Journal of Physical Chemistry A*, **2003**, 107, 7619-7628	2.8	31
8	Free-Radical-Induced Oxidation and Reduction of 1-Arylazo-2-naphthol Dyes:A Radiation Chemical Study. *Journal of Physical Chemistry A*, **2002**, 106, 2915-2923	2.8	29
7	Staining of proteins on SDS polyacrylamide gels and on nitrocellulose membranes by Alta, a colour used as a cosmetic. *Journal of Proteomics*, **2004**, 61, 339-47		21
6	Mechanisms of direct radiation damage to DNA: the effect of base sequence on base end products. *Journal of Physical Chemistry B*, **2011**, 115, 4843-55	3.4	20
5	Studies on effect of temperature on synthesis of hierarchical TiO2 nanostructures by surfactant free single step hydrothermal route and its photoelectrochemical characterizations. *Journal of Colloid and Interface Science*, **2016**, 470, 108-116	9.3	18
4	Spectral characterization of guanine C4-OH adduct: a radiation and quantum chemical study. *Journal of Physical Chemistry B*, **2011**, 115, 13650-8	3.4	18
3	One-electron oxidation of DNA by ionizing radiation: competition between base-to-base hole-transfer and hole-trapping. *Journal of Physical Chemistry B*, **2010**, 114, 7672-80	3.4	14
2	Mechanisms of strand break formation in DNA due to the direct effect of ionizing radiation: the dependency of free base release on the length of alternating CG oligodeoxynucleotides. *Journal of Physical Chemistry B*, **2009**, 113, 8183-91	3.4	12
1	Gold Nanoparticle as a Lewis Catalyst for Water Elimination of Tyrosine-OH Adducts: A Radiation and Quantum Chemical Study. *Journal of Physical Chemistry B*, **2020**, 124, 3591-3601	3.4	2