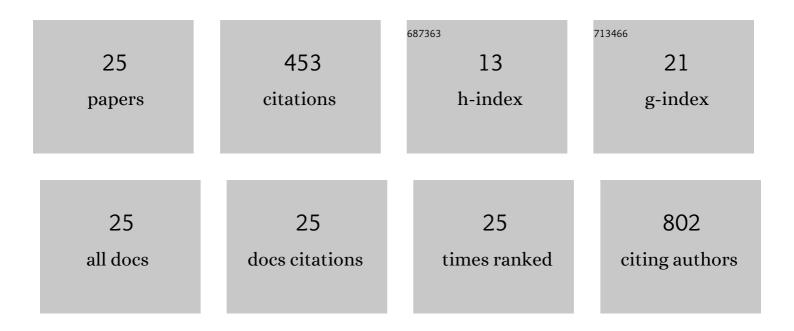
## Sudhir Kapoor

List of Publications by Year in descending order

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#	Article	lF	CITATIONS
1	Interaction between Quantum Dots of CdTe and Reduced Graphene Oxide: Investigation through Cyclic Voltammetry and Spectroscopy. Journal of Physical Chemistry C, 2013, 117, 20944-20950.	3.1	58
2	A simple approach for facile synthesis of Ag, anisotropic Au and bimetallic (Ag/Au) nanoparticles using cruciferous vegetable extracts. Materials Science and Engineering C, 2012, 32, 1827-1834.	7.3	53
3	Biosynthesis, characterization and antibacterial studies of silver nanoparticles using pods extract of Acacia auriculiformis. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 129, 121-124.	3.9	35
4	Metal nanoparticle catalyzed charge rearrangement in selenourea probed by surface-enhanced Raman scattering. RSC Advances, 2016, 6, 17405-17414.	3.6	33
5	Synthesis and characterisation of silver nanoparticles in viscous solvents and its transfer into non-polar solvents. Research on Chemical Intermediates, 2010, 36, 411-421.	2.7	30
6	Surface selective binding of 2,5-dimercapto-1,3,4-thiadiazole (DMTD) on silver and gold nanoparticles: a Raman and DFT study. RSC Advances, 2016, 6, 62529-62539.	3.6	27
7	Role of Surfactant in the Formation of Gold Nanoparticles in Aqueous Medium. Journal of Nanoparticles, 2014, 2014, 1-7.	1.4	25
8	Catalytic Reactions on the Surface of Ag Nanoparticles: A Photochemical Effect and/or Molecule Property?. Journal of Physical Chemistry C, 2014, 118, 26227-26235.	3.1	24
9	Preparation, characterization, surface modification and redox reactions of silver nanoparticles in the presence of tryptophan. Colloids and Surfaces B: Biointerfaces, 2011, 87, 498-504.	5.0	22
10	Adsorption and sub-nanomolar sensing of thioflavin T on colloidal gold nanoparticles, silver nanoparticles and silver-coated films studied using surface-enhanced Raman scattering. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 149, 949-956.	3.9	22
11	Distinguishing genomic <scp>DNA</scp> of <i>Brassica juncea</i> and <i>Arabidopsis thaliana</i> using surfaceâ€enhanced Raman scattering. Journal of Raman Spectroscopy, 2020, 51, 89-103.	2.5	19
12	Reduction and aggregation of silver ions in aqueous citrate solutions. Materials Science and Engineering C, 2014, 38, 192-196.	7.3	18
13	Aminopolycarboxylic acids and alginate composite-mediated green synthesis of Au and Ag nanoparticles. Journal of Nanostructure in Chemistry, 2015, 5, 1-6.	9.1	14
14	Effect of SDS concentration on colloidal suspensions of Ag and Au nanoparticles. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 150, 664-670.	3.9	13
15	Triethylamine induced synthesis of silver and bimetallic (Ag/Au) nanoparticles in glycerol and their antibacterial study. Journal of Nanostructure in Chemistry, 2014, 4, 1.	9.1	12
16	Synthesis of pH sensitive gold nanoparticles for potential application in radiosensitization. Materials Science and Engineering C, 2015, 55, 34-41.	7.3	10
17	Synthesis of silver nanoparticles in aqueous aminopolycarboxylic acid solutions via Î <sup>3</sup> -irradiation and hydrogen reduction. Materials Science and Engineering C, 2014, 44, 87-91.	7.3	8
18	Photochemical synthesis of gold nanoparticles in N,N′-dimethylformamide via thiourea-derivatized polyoxometalate. Research on Chemical Intermediates, 2014, 40, 1125-1133.	2.7	8

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#	Article	IF	CITATIONS
19	Preparation of silver nanoparticles in the presence of polyoxometalates. Materials Science and Engineering C, 2019, 94, 437-444.	7.3	7
20	Oleic acid-assisted phase transfer of nanosized silver colloids. Research on Chemical Intermediates, 2010, 36, 403-410.	2.7	5
21	Hidden chemistry of substituted aniline radical cations in water: a mechanistic study. Journal of Physical Organic Chemistry, 2015, 28, 2-9.	1.9	4
22	Adsorption of l â€selenomethionine and l â€selenocystine on the surface of silver nanoparticles: A spectroscopic study. Nano Select, 2021, 2, 47-60.	3.7	4
23	Comparative study of pâ€amino benzhydrazide and mâ€amino benzhydrazide by free radicals and free electron transfer. Journal of Physical Organic Chemistry, 2013, 26, 870-878.	1.9	1
24	Role of PVA in synthesis of nano Co <sub>3</sub> O <sub>4</sub> â€decorated graphene oxide. Polymers for Advanced Technologies, 2015, 26, 1114-1122.	3.2	1
25	Effect of ligand on the redox reactions of thallium metal clusters. Research on Chemical Intermediates, 2009, 35, 79-89.	2.7	О