

# Vasant Chabukswar

## List of Publications by Year in descending order

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papers

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citations

1039406

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642321

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29  
times ranked

618  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Green Route of Synthesis of ZnO Nanoparticles by Using Natural Biodegradable Polymer and Its Application as a Catalyst for Oxidation of Aldehydes. Journal of Macromolecular Science - Pure and Applied Chemistry, 2014, 51, 941-947.	1.2	166
2	Studies on chemically synthesized soluble acrylic acid doped polyaniline. Materials Chemistry and Physics, 2002, 73, 106-110.	2.0	153
3	Synthesis and characterization of Polyindole and its catalytic performance study as a heterogeneous catalyst. Journal of Chemical Sciences, 2016, 128, 467-475.	0.7	37
4	Polyindole-ZnO Nanocomposite: Synthesis, Characterization and Heterogeneous Catalyst for the 3,4-Dihydropyrimidinone Synthesis under Solvent-free Conditions. Polymer-Plastics Technology and Engineering, 2014, 53, 734-741.	1.9	31
5	Acrylic acid-doped polyaniline sensitive to ammonia vapors. Journal of Applied Polymer Science, 2001, 79, 1994-1998.	1.3	25
6	Synthesis and evaluation of analgesic, anti-asthmatic activity of (E)-1-(8-hydroxyquinolin-7-yl)-3-phenylprop-2-en-1 ones. Arabian Journal of Chemistry, 2016, 9, 704-712.	2.3	18
7	Synthesis of Poly(N-ethylaniline) Nanoparticles Synthesis and Characterization of Organically Soluble Conducting Poly(N-ethylaniline) Nanoparticles using Acrylic Acid as a Soft Template. Journal of Macromolecular Science - Pure and Applied Chemistry, 2012, 49, 547-553.	1.2	17
8	One dimensional CdS nanostructures: heterogeneous catalyst for synthesis of aryl-3,3'-bis(indol-3-yl)methanes. RSC Advances, 2014, 4, 28623.	1.7	11
9	Synthesis and Characterization of Organically Soluble and Electrically Conducting Acids Doped Polyaniline. Chemistry and Chemical Technology, 2010, 4, 277-280.	0.2	11
10	Conducting Polyaniline is an Efficient Catalyst for Synthesis of 3,4-dihydropyrimidin-2-(1H)-one Derivative Under Solvent-Free Conditions. Journal of Macromolecular Science - Pure and Applied Chemistry, 2013, 50, 411-415.	1.2	9
11	Ultrasound Synthesis of Polyindole-TiO <sub>2</sub> Nanocomposite and Evaluation of Antibacterial Activity. Polymer-Plastics Technology and Engineering, 2017, 56, 1259-1266.	1.9	9
12	Organic Synthesis and Characterization of Electrically Conducting Poly(o-Toluidine) Doped with Organic Acid. Chemistry and Chemical Technology, 2011, 5, 37-40.	0.2	9
13	Studies on Morphology and Conductivity of Poly (N-methyl aniline) Nanoparticles Prepared in Nonstirred Reaction Medium. Macromolecular Symposia, 2010, 298, 43-50.	0.4	8
14	Conducting Poly(N-propylaniline) Nanoparticles for Hydrogen Sulfide Gas Detection. Macromolecular Symposia, 2013, 327, 39-44.	0.4	8
15	ZnO nanostructures: a heterogeneous catalyst for the synthesis of benzoxanthene and pyranopyrazole scaffolds via a multi-component reaction strategy. Materials Advances, 2020, 1, 2339-2345.	2.6	8
16	Ultra-fast, economical and room temperature operating ammonia sensor based on polyaniline/iron oxide hybrid nanocomposites. Polymer Bulletin, 2019, 76, 6153-6167.	1.7	8
17	Design, Synthesis and Evaluation of Antibacterial Activity of Novel Indazole Derivatives. Current Bioactive Compounds, 2013, 9, 263-269.	0.2	7
18	Room temperature operating sensitive and reproducible ammonia sensor based on PANI/hematite nanocomposite. Polymer-Plastics Technology and Materials, 2019, 58, 1545-1555.	0.6	6

#	ARTICLE	IF	CITATIONS
19	Study of Biological Activity of Conducting Poly(N-Ethylaniline) Nanoparticles Doped with Organic Acid. International Journal of Polymeric Materials and Polymeric Biomaterials, 2014, 63, 7-10.	1.8	5
20	A Novel Enhancement of Nano Structure by Organic Acid Dopants in Emulsion Polymerization of Poly(o-toluidine). Journal of Macromolecular Science - Pure and Applied Chemistry, 2014, 51, 435-440.	1.2	5
21	Synthesis and characterization of methanesulfonic acid doped poly(2-chloroaniline), study of its physical properties and ammonia gas sensing application. Journal of Macromolecular Science - Pure and Applied Chemistry, 2016, 53, 768-772.	1.2	4
22	Synthesis, Properties, and Ammonia Gas Sensing Applications of Poly-[1-(4-nitronaphthalen-1-yl)-2,5-di(thiophen-2-yl)-1H-pyrrole]. Polymer-Plastics Technology and Engineering, 2017, 56, 268-275.	1.9	4
23	Ultrasound-assisted solvent-free synthesis of 3, 4-dihydropyrimidin-2(1H)-ones/thiones using polyindole as a recyclable catalyst. Polymer-Plastics Technology and Materials, 2021, 60, 306-315.	0.6	4
24	Studies on Synthesis and Effect of Dopants on Conductivity and Morphology of Organically Soluble Poly(o-anisidine). Journal of Macromolecular Science - Pure and Applied Chemistry, 2012, 49, 926-930.	1.2	2
25	Synthesis of Nano Conducting Poly(N-ethylaniline) and its Function as Reusable Catalyst for Bis-benzpyrrole Synthesis. Journal of Macromolecular Science - Pure and Applied Chemistry, 2012, 49, 1035-1040.	1.2	2
26	Biopolymer Catalysed Synthesis of 6-methyl-4-phenylcarbamoyl-1, 2, 3, 4- Tetrahydropyrimidine-2-ones and Evaluation of their Anti-bacterial and Anti-tubercular Activities. Current Bioactive Compounds, 2019, 15, 408-414.	0.2	2
27	Synthesis and Evaluation of Cytotoxicity of Novel Coumarin Peptide Alcohol Derivatives. Medicinal Chemistry, 2021, 17, 926-936.	0.7	0
28	Thermal Conductivity of FeCl <sub>3</sub> Doped Polythiophene. Advanced Science Letters, 2016, 22, 3924-3927.	0.2	0