

# Pradip V Tekade

## List of Publications by Year in descending order

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22  
papers

102  
citations

1477746

6  
h-index

1372195

10  
g-index

22  
all docs

22  
docs citations

22  
times ranked

129  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement of photovoltaic performance of polyaniline/graphene composite-based dye-sensitized solar cells by adding TiO <sub>2</sub> nanoparticles. <i>Solid State Sciences</i> , 2018, 83, 99-106.	1.5	31
2	Strengthening of photovoltaic and supercapacitive properties of graphene oxide-polyaniline composite by dispersion of $\gamma$ -Al <sub>2</sub> O <sub>3</sub> nanoparticles. <i>Chemical Physics Letters</i> , 2018, 706, 647-651.	1.2	10
3	Synthesis and Antibacterial Evaluation of Carboxamide Derivatives of Amino Acids. <i>Pharmaceutical Chemistry Journal</i> , 2014, 48, 29-33.	0.3	9
4	Ultrasonic study of pyridoxine solutions at different temperatures and concentrations. <i>Russian Journal of Physical Chemistry A</i> , 2015, 89, 152-158.	0.1	9
5	Enhanced catalytic activity without the use of an external light source using microwave-synthesized CuO nanopetals. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 1167-1173.	1.5	9
6	Microwave assisted synthesis, characterization and thermoacoustical study of a $\beta$ -naphthol-guanidine-formaldehyde copolymer resin. <i>New Journal of Chemistry</i> , 2016, 40, 705-710.	1.4	7
7	Synthesis of diethyl 4-(phenyl-substituted)-2,6-dimethyl-1,4-dihydropyridine-3,5-dicarboxylates catalyzed by CoCl <sub>2</sub> /K-10 montmorillonite in water and their antimicrobial activity. <i>Russian Journal of General Chemistry</i> , 2017, 87, 546-549.	0.3	6
8	Microwave Assisted Fast Synthesis of CuO Nanoflakes: Catalytic Application in the Synthesis of 1,4-Dihydropyridine. <i>Acta Physica Polonica A</i> , 2017, 132, 1294-1300.	0.2	6
9	ZSM-5 Catalyzed Solvent Free Ecofriendly Synthesis of Substituted Pyrimidine Derivatives. <i>Pharmaceutical Chemistry Journal</i> , 2015, 48, 679-682.	0.3	4
10	Ultrasonic studies on molecular interactions in N-phenyl-3-(pyridin-4-yl) prop-2-enamide solutions in ethanol at 303, 308, 313 K. <i>Russian Journal of Physical Chemistry A</i> , 2015, 89, 2105-2110.	0.1	4
11	Proton/metal-ligand stability constants of $\beta$ -complexes of Ni(II), Cu(II), and Co(II) with diethyl 4-(substituted-phenyl)-2,6-dimethyl-1,4-dihydropyridine-3,5-dicarboxylate in 70% dioxane-water mixture. <i>Russian Journal of Physical Chemistry A</i> , 2015, 89, 2346-2348.	0.1	2
12	Comprehensive study to ascertain the effect of MnO <sub>2</sub> loading on supercapacitive properties of conducting polymers. <i>International Journal of Polymer Analysis and Characterization</i> , 2021, 26, 593-603.	0.9	2
13	Stability constants of Ni(II)- and Cu(II)-N-heterocycle complexes according to spectrophotometric data. <i>Russian Journal of Physical Chemistry A</i> , 2015, 89, 2254-2258.	0.1	1
14	Specific Molecular Interactions of Dihydropyridine Moiety in Polar and Non-Polar Solvents at Various Concentrations and Temperatures 303-318 K on Ultrasonic Data. <i>Russian Journal of Physical Chemistry A</i> , 2018, 92, 2488-2496.	0.1	1
15	Stability Constants of Complexes of Cr(II) and Sr(II) with Quinazoline and Dihydropyridine in Dioxane-Water Mixture on Spectrophotometric Data. <i>Russian Journal of Physical Chemistry A</i> , 2018, 92, 2187-2190.	0.1	1
16	Polarimetric study of rate constant for mutarotation of chiral levofloxacin, ofloxacin, sparfloxacin and ciprofloxacin drugs. <i>Russian Journal of Physical Chemistry B</i> , 2015, 9, 890-894.	0.2	0
17	Study of interactions of 2-benzamido-4-methylpentanoic acid-2-cyclohexyl carboxamide with BSA: Gel exclusion chromatography and molecular modeling techniques. <i>Russian Journal of Physical Chemistry B</i> , 2016, 10, 511-516.	0.2	0
18	Ultrasonic Studies on Molecular Interactions of N-Phthaloylglycine in Protic and Aprotic Solvents at 303-318 K. <i>Russian Journal of Physical Chemistry A</i> , 2018, 92, 2679-2684.	0.1	0

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19	Proton/Metal-Ligand Stability Constants of Complexes of Sr(II), Cr(II), and Al(III) with N-Phthaloyl Aminoacid and Benzimidazole Derivatives in Dioxane-Water Mixture. Russian Journal of Physical Chemistry A, 2018, 92, 2596-2599.	0.1	0
20	Ultrasonic Investigations on Molecular Interactions of N-Phthaloyl Compounds in Protic and Non-Protic Solvents at 303-318 K. Russian Journal of Physical Chemistry A, 2019, 93, 1703-1707.	0.1	0
21	Comparative Binding Analysis of Pyrimidine Derivative to BSA: Equilibrium, FTIR and Acoustical Study. Orbital, 2018, 10, .	0.1	0
22	In Vitro Study of Interactions of Carboxamide Derivatives of Amino Acid with BSA: Ultrasonic Interferometer. Orbital, 2018, 10, .	0.1	0