

# Sonal D Bajaj

## List of Publications by Year in descending order

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8  
papers

17  
citations

2682572

2  
h-index

2272923

4  
g-index

8  
all docs

8  
docs citations

8  
times ranked

18  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | 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.   | 2.8 | 9         |
| 2 | 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.  | 0.6 | 4         |
| 3 | Proton/metal-ligand stability constants of $\pi$ -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. | 0.6 | 2         |
| 4 | 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.  | 0.6 | 1         |
| 5 | 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.   | 0.6 | 1         |
| 6 | 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.  | 0.6 | 0         |
| 7 | 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. <i>Russian Journal of Physical Chemistry A</i> , 2018, 92, 2596-2599.   | 0.6 | 0         |
| 8 | Ultrasonic Investigations on Molecular Interactions of N-Phthaloyl $\beta$ -lactams in Protic and Non-Protic Solvents at 303-318 K. <i>Russian Journal of Physical Chemistry A</i> , 2019, 93, 1703-1707.  | 0.6 | 0         |