

# Amulrao U Borse

## List of Publications by Year in descending order

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25  
papers

559  
citations

686830

13  
h-index

642321

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

723  
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface functionalized biomass for adsorption and recovery of gold from electronic scrap and refinery wastewater. Separation and Purification Technology, 2018, 195, 260-270.	3.9	106
2	Photocatalytic reduction of organic pollutant under visible light by green route synthesized gold nanoparticles. Journal of Environmental Sciences, 2017, 55, 236-246.	3.2	86
3	A highly selective and sensitive fluorescent "turn-on" chemosensor for Al <sup>3+</sup> based on C N isomerisation mechanism with nanomolar detection. Sensors and Actuators B: Chemical, 2016, 222, 562-566.	4.0	72
4	Recovery of palladium from secondary waste using soluble tannins cross-linked Lagerstroemia speciosa leaves powder. Journal of Chemical Technology and Biotechnology, 2017, 92, 1667-1677.	1.6	30
5	The viscosity B and D coefficient (Jones-Dole equation) studies in aqueous solutions of alkyltrimethylammonium bromides at 298.15K. Journal of Molecular Liquids, 2014, 200, 416-424.	2.3	25
6	Sorption and recovery of platinum from simulated spent catalyst solution and refinery wastewater using chemically modified biomass as a novel sorbent. Environmental Science and Pollution Research, 2018, 25, 10911-10925.	2.7	25
7	Glycerol mediated synthesis of 5-substituted 1H-tetrazole under catalyst free conditions. Chinese Chemical Letters, 2012, 23, 161-164.	4.8	23
8	Green biochemistry approach for synthesis of silver and gold nanoparticles using Ficus racemosa latex and their pH-dependent binding study with different amino acids using UV/Vis absorption spectroscopy. Amino Acids, 2015, 47, 757-765.	1.2	22
9	InCl <sub>3</sub> -Catalyzed [2+3] Cycloaddition Reaction: A Rapid Synthesis of 5-Substituted 1H-tetrazole under Microwave Irradiation. E-Journal of Chemistry, 2012, 9, 1145-1152.	0.4	20
10	Green reduction of graphene oxide and its applications in band gap calculation and antioxidant activity. Green Materials, 2019, 7, 143-155.	1.1	18
11	A new Schiff base as a turn-off fluorescent sensor for Cu <sup>2+</sup> and its photophysical properties. Luminescence, 2017, 32, 1426-1430.	1.5	18
12	Novel extractant impregnated resin for preconcentration and determination of uranium from environmental samples. Microchemical Journal, 2017, 130, 442-451.	2.3	17
13	Cyclodextrin Nitrate Ester/H <sub>2</sub> SO <sub>4</sub> as a Novel Nitrating System for Efficient Synthesis of Insensitive High Explosive 3-Nitro-1,2,4-triazol-5-one. Industrial & Engineering Chemistry Research, 2014, 53, 19375-19379.	1.8	16
14	An Improved and Scalable Synthesis of Insensitive High Explosive 4,10-Dinitro-2,6,8,12-tetraoxa-4,10-diazaisowurtzitane (TEX). Organic Process Research and Development, 2016, 20, 1363-1369.	1.3	16
15	Volumetric Properties of Alkyltrimethylammonium Bromides in Aqueous Solutions. Journal of Chemical & Engineering Data, 2016, 61, 195-206.	1.0	15
16	Volumetric, isentropic compressibility and viscosity coefficient studies of binary solutions involving amides as a solute in aqueous and CCl <sub>4</sub> solvent systems at 298.15 K. Journal of Molecular Liquids, 2018, 264, 223-232.	2.3	13
17	Synthetic utility of Kabachnik-Fields reaction: a convenient one-pot three-component synthesis of N-phenyl isoquinolone-1-phosphonates. Tetrahedron Letters, 2012, 53, 6940-6942.	0.7	8
18	A Green, Expedient, One-Pot Synthesis of 3, 4-Dihydropyrimidin-2(1H)-ones Using a Mixture of Phosphorus Pentoxide-Methanesulfonic Acid at Ambient Temperature. ISRN Organic Chemistry, 2012, 1-6.	1.0	7

#	ARTICLE	IF	CITATIONS
19	Studies of Viscosity Coefficient and Expansivity Properties of Aqueous Solutions of Ethylene Glycol and Polyethylene Glycols at 293.15, 298.15 and 303.15 K and at Ambient Pressure. Journal of Solution Chemistry, 2016, 45, 947-969.	0.6	7
20	Expeditious, Mild and Solvent Free Synthesis of Bis(indolyl)methanes, Using a Mixture of Phosphorus Pentoxide in Methanesulphonic Acid. E-Journal of Chemistry, 2012, 9, 1313-1319.	0.4	6
21	Total Synthesis of (±) Thaicanine. Synthetic Communications, 1989, 19, 2613-2619.	1.1	2
22	Novel Extractant Impregnated Resin for Thorium Preconcentration from Different environmental Samples - column and batch study. Separation Science and Technology, 0, , 150707114459001.	1.3	2
23	The first report on SILAR deposited nanostructured uranyl sulphide thin films and their chemical conversion to silver sulphide. New Journal of Chemistry, 2015, 39, 8695-8702.	1.4	2
24	Column and batch sorption investigations of nickel(II) on extractant-impregnated resin. Environmental Science and Pollution Research, 2019, 26, 27291-27304.	2.7	2
25	Tailor Able Optical Properties of Silver Nanoparticles from Butea Monosperma Plant Extract. Modern Organic Chemistry Research, 2017, 2, 189-194.	0.2	1