

# Anita Bahadur

## List of Publications by Year in descending order

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22  
papers

787  
citations

516710

16  
h-index

677142

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

914  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solubilization of poorly water-soluble drug carbamazepine in Pluronic® micelles: Effect of molecular characteristics, temperature and added salt on the solubilizing capacity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 72, 141-147.	5.0	114
2	Static and dynamic properties of a (PEO- <i>b</i> -PPO- <i>b</i> -PEO) block copolymer in aqueous solution. <i>Journal of Colloid and Interface Science</i> , 1992, 151, 157-165.	9.4	99
3	Micelles from PEO- <i>b</i> -PPO- <i>b</i> -PEO block copolymers as nanocontainers for solubilization of a poorly water soluble drug hydrochlorothiazide. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 83, 49-57.	5.0	95
4	Systematic characterization of Pluronic® micelles and their application for solubilization and in vitro release of some hydrophobic anticancer drugs. <i>Journal of Molecular Liquids</i> , 2017, 230, 473-481.	4.9	68
5	Interaction and solubilization of some phenolic antioxidants in Pluronic® micelles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 86, 319-326.	5.0	54
6	PEO- <i>b</i> -PPO based star-block copolymer T904 as pH responsive nanocarriers for quercetin: Solubilization and release study. <i>European Polymer Journal</i> , 2013, 49, 12-21.	5.4	39
7	Salt induced micellar growth in aqueous solutions of a star block copolymer Tetronic® 1304: Investigating the role in solubilizing, release and cytotoxicity of model drugs. <i>Journal of Molecular Liquids</i> , 2016, 224, 303-310.	4.9	37
8	Modulating effect of different biomolecules and other additives on cloud point and aggregation of amphiphilic linear and starblock copolymer. <i>Journal of Molecular Liquids</i> , 2018, 249, 219-226.	4.9	35
9	NaCl-triggered self-assembly of hydrophilic poloxamine block copolymers. <i>International Journal of Pharmaceutics</i> , 2015, 494, 453-462.	5.2	31
10	Tuning the self-assembly of EO-PO block copolymers and quercetin solubilization in the presence of some common pharmaceutical excipients: A comparative study on a linear triblock and a starblock copolymer. <i>Journal of Molecular Liquids</i> , 2017, 241, 511-519.	4.9	28
11	Glucose triggered enhanced solubilisation, release and cytotoxicity of poorly water soluble anti-cancer drugs from T1307 micelles. <i>Journal of Biotechnology</i> , 2017, 254, 43-50.	3.8	20
12	A Comparative Study on Micellar and Solubilizing Behavior of Three EO-PO Based Star Block Copolymers Varying in Hydrophobicity and Their Application for the In Vitro Release of Anticancer Drugs. <i>Polymers</i> , 2018, 10, 76.	4.5	20
13	Synthesis, self-assembly and micellization characteristics of choline alkanoate ionic liquids in association with a star block copolymer. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 555, 691-698.	4.7	19
14	Characterization and application of mixed micellar assemblies of PEO-PPO star block copolymers for solubilization of hydrophobic anticancer drug and in vitro release. <i>Journal of Molecular Liquids</i> , 2020, 313, 113543.	4.9	19
15	Immobilization of urease in alginate, paraffin and lac. <i>Journal of the Serbian Chemical Society</i> , 2010, 75, 175-183.	0.8	18
16	Preparation and characterization of anti-tubercular drugs encapsulated in polymer micelles. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 48, 422-428.	3.0	16
17	In-vitro evaluation of cytotoxic and antioxidant properties of drugs solubilized in EO-PO star block copolymer micelles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 171, 343-350.	5.0	16
18	Salt effect on solubilization of hydrophobic drugs in block copolymeric micelles and investigation of their in vitro and in vivo oral efficiency. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 39, 531-541.	3.0	15

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19	Urea induced changes in self-assembly and aggregate microstructures of amphiphilic star block copolymers with widely different hydrophobicity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 537, 259-267.	4.7	15
20	Micellar characteristics of an amphiphilic star-block copolymer in DES-water mixture. <i>Colloid and Polymer Science</i> , 2021, 299, 117-128.	2.1	11
21	Byssus Thread: A Novel Support Material for Urease Immobilization. <i>Applied Biochemistry and Biotechnology</i> , 2011, 165, 1568-1576.	2.9	10
22	Immobilization of $\alpha$ -chymotrypsin on poly(methyl methacrylate-co-acrylic acid) core-shell latex. <i>Die Makromolekulare Chemie</i> , 1985, 186, 1387-1394.	1.1	8