Pankaj Singla

List of Publications by Year
in descending order

14	547	840776 11	1058476 14
papers	citations	h-index	g-index

14	14	14	540
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MIPs for commercial application in low-cost sensors and assays â€“ An overview of the current status quo. Sensors and Actuators B: Chemical, 2020, 325, 128973.	7.8	130
2	Pluronic-SAILs (surface active ionic liquids) mixed micelles as efficient hydrophobic quercetin drug carriers. Journal of Molecular Liquids, 2018, 249, 294-303.	4.9	68
3	A systematic physicochemical investigation on solubilization and in vitro release of poorly water soluble oxcarbazepine drug in pluronic micelles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 504, 479-488.	4.7	64
4	Temperature-Dependent Solubilization of the Hydrophobic Antiepileptic Drug Lamotrigine in Different Pluronic Micellesâ€"A Spectroscopic, Heat Transfer Method, Small-Angle Neutron Scattering, Dynamic Light Scattering, and in Vitro Release Study. ACS Omega, 2019, 4, 11251-11262.	3.5	62
5	Sodium deoxycholate mediated enhanced solubilization and stability of hydrophobic drug Clozapine in pluronic micelles. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 191, 143-154.	3.9	46
6	Molecularly Imprinted Polymer Nanoparticles Enable Rapid, Reliable, and Robust Point-of-Care Thermal Detection of SARS-CoV-2. ACS Sensors, 2022, 7, 1122-1131.	7.8	45
7	Advances in the therapeutic delivery and applications of functionalized Pluronics: A critical review. Advances in Colloid and Interface Science, 2022, 299, 102563.	14.7	38
8	Solubilization of hydrophobic drugs clozapine and oxcarbazepine in the lower and higher molecular weight pluronic mixed micelles-a physicochemical, In vitro release and In vitro anti-oxidant study. Journal of Molecular Liquids, 2020, 317, 113816.	4.9	27
9	Aggregation and Morphological Aptitude of Drug-Based Ionic Liquids in Aqueous Solution. ACS Omega, 2017, 2, 3296-3307.	3.5	17
10	Labrasol mediated enhanced solubilization of natural hydrophobic drugs in Pluronic micelles: Physicochemical and in vitro release studies. Journal of Molecular Liquids, 2022, 361, 119596.	4.9	15
11	Impact of Aromatic Counter-Ions Charge Delocalization on the Micellization Behavior of Surface-Active Ionic Liquids. Langmuir, 2019, 35, 14586-14595.	3.5	12
12	Heat-Transfer Method: A Thermal Analysis Technique for the Real-Time Monitoring of Staphylococcus aureus Growth in Buffered Solutions and Digestate Samples. ACS Applied Bio Materials, 2019, 2, 3790-3798.	4.6	11
13	Reviewing the use of chitosan and polydopamine for electrochemical sensing. Current Opinion in Electrochemistry, 2022, 32, 100885.	4.8	6
14	Unusual solubilization capacity of hydrophobic drug olanzapine in polysorbate micelles for improved sustained drug release. Journal of Molecular Liquids, 2022, 359, 119256.	4.9	6