Chandrashekhar V Kulkarni

List of Publications by Year
in descending order

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33	1,124	516710 16	477307 29
papers	citations	h-index	g-index

38	38	38	1703
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A facile one pot multi component synthesis of alkyl 4-oxo-coumarinyl ethylidene hydrazono-thiazolidin-5-ylidene acetates and their antiviral activity. Journal of Molecular Structure, 2022, 1249, 131662.	3.6	10
2	Novel Synthesis of benzyl-Methoxyl Protected Aspalathin Analog via C-Glucosylation of Pentamethoxy Dihydropropane. Letters in Applied NanoBioScience, 2021, 10, 2382-2388.	0.4	0
3	Heparin: A simplistic repurposing to prevent SARS-CoV-2 transmission in light of its in-vitro nanomolar efficacy. International Journal of Biological Macromolecules, 2021, 183, 203-212.	7.5	28
4	Electroformation of Particulate Emulsions Using Lamellar and Nonlamellar Lipid Self-Assemblies. Langmuir, 2021, 37, 14527-14539.	3.5	1
5	Calculating the â€˜chain splayâ€™ of amphiphilic molecules: Towards quantifying the molecular shapes. Chemistry and Physics of Lipids, 2019, 218, 16-21.	3.2	11
6	Hierarchically Structured Lipid Systems. , 2019, , 1-9.		0
7	Advances in Biomembranes and Lipid Self-Assembly. Advances in Biomembranes and Lipid Self-Assembly, 2018, , i.	0.6	0
8	Bile Salts Caught in the Act: From Emulsification to Nanostructural Reorganization of Lipid Self-Assemblies. Langmuir, 2018, 34, 13626-13637.	3.5	22
9	Ultrasonic processing of butter oil (ghee) into oil-in-water emulsions. Journal of Food Processing and Preservation, 2017, 41, e13170.	2.0	9
10	Self-Assembled Lipid Cubic Phase and Cubosomes for the Delivery of Aspirin as a Model Drug. Langmuir, 2017, 33, 9907-9915.	3.5	40
11	Lipid Self-Assemblies and Nanostructured Emulsions for Cosmetic Formulations. Cosmetics, 2016, 3, 37.	3.3	27
12	Effect of fullerene on the dispersibility of nanostructured lipid particles and encapsulation in sterically stabilized emulsions. Journal of Colloid and Interface Science, 2016, 480, 69-75.	9.4	6
13	Effects of High Pressure on Internally Self-Assembled Lipid Nanoparticles: A Synchrotron Small-Angle X-ray Scattering (SAXS) Study. Langmuir, 2016, 32, 11907-11917.	3.5	19
14	Facile Preparation of Internally Self-assembled Lipid Particles Stabilized by Carbon Nanotubes. Journal of Visualized Experiments, 2016, , 53489.	0.3	10
15	Biomolecules Altering the Lipid Molecular Shape in Model Non-Lamellar Membranes. Biophysical Journal, 2015, 108, 544a.	0.5	1
16	Lipid-hydrogel films for sustained drug release. International Journal of Pharmaceutics, 2015, 479, 416-421.	5.2	25
17	Wettability studies of topologically distinct titanium surfaces. Colloids and Surfaces B: Biointerfaces, 2015, 129, 47-53.	5.0	108
18	Carbon nanotubes for stabilization of nanostructured lipid particles. Nanoscale, 2015, 7, 1090-1095.	5.6	13

#	Article	IF	Citations
19	Lipid nanoscaffolds in carbon nanotube arrays. Nanoscale, 2013, 5, 8992.	5.6	3
20	Pressure effects on a proteinâ€“lipid model membrane. Soft Matter, 2013, 9, 6525.	2.7	10
21	Lipid Nanobilayers to Host Biological Nanopores for DNA Translocations. Langmuir, 2013, 29, 355-364.	3.5	24
22	Hierarchically Structured Lipid Systems. , 2013, , 975-983.		1
23	Enhancing the hydrogen storage capacity of Pd-functionalized multi-walled carbon nanotubes. Applied Surface Science, 2012, 258, 3405-3409.	6.1	41
24	Lipid crystallization: from self-assembly to hierarchical and biological ordering. Nanoscale, 2012, 4, 5779.	5.6	117
25	Scattering methods applied to soft matter. Physical Chemistry Chemical Physics, 2011, 13, 3003.	2.8	1
26	Monoolein: a magic lipid?. Physical Chemistry Chemical Physics, 2011, 13, 3004-3021.	2.8	356
27	Immobilization of Nanostructured Lipid Particles in Polysaccharide Films. Langmuir, 2011, 27, 9541-9550.	3.5	24
28	Nanostructural Studies on Monoelaidinâ€“Water Systems at Low Temperatures. Langmuir, 2011, 27, 11790-11800.	3.5	41
29	In Cubo Crystallization of Membrane Proteins. Behavior Research Methods, 2010, , 237-272.	4.0	5
30	Water-in-oil nanostructured emulsions: towards the structural hierarchy of liquid crystalline materials. Soft Matter, 2010, 6, 5615.	2.7	39
31	Engineering bicontinuous cubic structures at the nanoscaleâ€”the role of chain splay. Soft Matter, 2010, 6, 3191.	2.7	96
32	Evidence that membrane curvature distorts the tertiary structure of bacteriorhodopsin. Soft Matter, 2010, 6, 4339.	2.7	14
33	Studies on shrikhand rheology. Journal of Food Engineering, 2006, 74, 169-177.	5.2	18