

# Chandrashekar V Kulkarni

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5086952/publications.pdf>

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33  
papers

1,124  
citations

516710

16  
h-index

477307

29  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1703  
citing authors

#	ARTICLE	IF	CITATIONS
1	Monoolein: a magic lipid?. Physical Chemistry Chemical Physics, 2011, 13, 3004-3021.	2.8	356
2	Lipid crystallization: from self-assembly to hierarchical and biological ordering. Nanoscale, 2012, 4, 5779.	5.6	117
3	Wettability studies of topologically distinct titanium surfaces. Colloids and Surfaces B: Biointerfaces, 2015, 129, 47-53.	5.0	108
4	Engineering bicontinuous cubic structures at the nanoscale—the role of chain splay. Soft Matter, 2010, 6, 3191.	2.7	96
5	Nanostructural Studies on Monoelaidinâ€“Water Systems at Low Temperatures. Langmuir, 2011, 27, 11790-11800.	3.5	41
6	Enhancing the hydrogen storage capacity of Pd-functionalized multi-walled carbon nanotubes. Applied Surface Science, 2012, 258, 3405-3409.	6.1	41
7	Self-Assembled Lipid Cubic Phase and Cubosomes for the Delivery of Aspirin as a Model Drug. Langmuir, 2017, 33, 9907-9915.	3.5	40
8	Water-in-oil nanostructured emulsions: towards the structural hierarchy of liquid crystalline materials. Soft Matter, 2010, 6, 5615.	2.7	39
9	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
10	Lipid Self-Assemblies and Nanostructured Emulsions for Cosmetic Formulations. Cosmetics, 2016, 3, 37.	3.3	27
11	Lipid-hydrogel films for sustained drug release. International Journal of Pharmaceutics, 2015, 479, 416-421.	5.2	25
12	Immobilization of Nanostructured Lipid Particles in Polysaccharide Films. Langmuir, 2011, 27, 9541-9550.	3.5	24
13	Lipid Nanobilayers to Host Biological Nanopores for DNA Translocations. Langmuir, 2013, 29, 355-364.	3.5	24
14	Bile Salts Caught in the Act: From Emulsification to Nanostructural Reorganization of Lipid Self-Assemblies. Langmuir, 2018, 34, 13626-13637.	3.5	22
15	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
16	Studies on shrikhand rheology. Journal of Food Engineering, 2006, 74, 169-177.	5.2	18
17	Evidence that membrane curvature distorts the tertiary structure of bacteriorhodopsin. Soft Matter, 2010, 6, 4339.	2.7	14
18	Carbon nanotubes for stabilization of nanostructured lipid particles. Nanoscale, 2015, 7, 1090-1095.	5.6	13

#	ARTICLE	IF	CITATIONS
19	Calculating the "chain splay"™ of amphiphilic molecules: Towards quantifying the molecular shapes. Chemistry and Physics of Lipids, 2019, 218, 16-21.	3.2	11
20	Pressure effects on a protein-lipid model membrane. Soft Matter, 2013, 9, 6525.	2.7	10
21	Facile Preparation of Internally Self-assembled Lipid Particles Stabilized by Carbon Nanotubes. Journal of Visualized Experiments, 2016, , 53489.	0.3	10
22	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
23	Ultrasonic processing of butter oil (ghee) into oil-in-water emulsions. Journal of Food Processing and Preservation, 2017, 41, e13170.	2.0	9
24	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
25	In Cubo Crystallization of Membrane Proteins. Behavior Research Methods, 2010, , 237-272.	4.0	5
26	Lipid nanoscaffolds in carbon nanotube arrays. Nanoscale, 2013, 5, 8992.	5.6	3
27	Scattering methods applied to soft matter. Physical Chemistry Chemical Physics, 2011, 13, 3003.	2.8	1
28	Biomolecules Altering the Lipid Molecular Shape in Model Non-Lamellar Membranes. Biophysical Journal, 2015, 108, 544a.	0.5	1
29	Hierarchically Structured Lipid Systems. , 2013, , 975-983.		1
30	Electroformation of Particulate Emulsions Using Lamellar and Nonlamellar Lipid Self-Assemblies. Langmuir, 2021, 37, 14527-14539.	3.5	1
31	Advances in Biomembranes and Lipid Self-Assembly. Advances in Biomembranes and Lipid Self-Assembly, 2018, , i.	0.6	0
32	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
33	Hierarchically Structured Lipid Systems. , 2019, , 1-9.		0