

# Anand Bala Subramaniam

## List of Publications by Year in descending order

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25  
papers

1,735  
citations

516710

16  
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580821

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docs citations

26  
times ranked

2313  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoscale Curvature Promotes High Yield Spontaneous Formation of Cell-Mimetic Giant Vesicles on Nanocellulose Paper. ACS Applied Materials & Interfaces, 2020, 12, 56549-56561.	8.0	14
2	Fabrics of Diverse Chemistries Promote the Formation of Giant Vesicles from Phospholipids and Amphiphilic Block Copolymers. Langmuir, 2019, 35, 9264-9273.	3.5	9
3	Size Distributions and Yields of Giant Vesicles Assembled on Cellulose Papers and Cotton Fabric. Langmuir, 2019, 35, 7798-7804.	3.5	10
4	Cellulose Aided Assembly and Temporally Decoupled Loading of Cargo into Vesicles Synthesized from Functionally Diverse Lamellar Phase Forming Amphiphiles. Biomacromolecules, 2018, 19, 849-859.	5.4	14
5	Plasmon-actuated nano-assembled microshells. Scientific Reports, 2017, 7, 17788.	3.3	10
6	Lipid Bilayers Are Long-Lived on Solvent Cleaned Plasma-Oxidized poly(dimethyl)siloxane (ox-PDMS). PLoS ONE, 2017, 12, e0169487.	2.5	11
7	Shape Transformations of Lipid Bilayers Following Rapid Cholesterol Uptake. Biophysical Journal, 2016, 111, 2651-2657.	0.5	10
8	Novel Application of Cellulose Paper As a Platform for the Macromolecular Self-Assembly of Biomimetic Giant Liposomes. ACS Applied Materials & Interfaces, 2016, 8, 32102-32107.	8.0	34
9	Using Magnetic Levitation for Non-Destructive Quality Control of Plastic Parts. Advanced Materials, 2015, 27, 1587-1592.	21.0	49
10	Metal-Amplified Density Assays, (MADAs), including a Density-Linked Immunosorbent Assay (DeLISA). Lab on A Chip, 2015, 15, 1009-1022.	6.0	32
11	Omniphobic $\text{F}^{\text{sup}}$ Paper Produced by Silanization of Paper with Fluoroalkyltrichlorosilanes. Advanced Functional Materials, 2014, 24, 60-70.	14.9	169
12	Polymer-based mesh as supports for multi-layered 3D cell culture and assays. Biomaterials, 2014, 35, 259-268.	11.4	44
13	Noncontact orientation of objects in three-dimensional space using magnetic levitation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12980-12985.	7.1	71
14	Rapid fabrication of pressure-driven open-channel microfluidic devices in omniphobic RF paper. Lab on A Chip, 2013, 13, 2922.	6.0	153
15	Paper-based electroanalytical devices with an integrated, stable reference electrode. Lab on A Chip, 2013, 13, 4103.	6.0	95
16	Glycans pattern the phase behaviour of lipid membranes. Nature Materials, 2013, 12, 128-133.	27.5	41
17	Shifts in the Distribution of Mass Densities Is a Signature of Caloric Restriction in Caenorhabditis elegans. PLoS ONE, 2013, 8, e69651.	2.5	17
18	Semi-permeable vesicles composed of natural clay. Soft Matter, 2011, 7, 2600.	2.7	38

#	ARTICLE	IF	CITATIONS
19	Particle/Fluid Interface Replication as a Means of Producing Topographically Patterned Polydimethylsiloxane Surfaces for Deposition of Lipid Bilayers. <i>Advanced Materials</i> , 2010, 22, 2142-2147.	21.0	39
20	Dissolution Arrest and Stability of Particle-Covered Bubbles. <i>Physical Review Letters</i> , 2007, 99, 188301.	7.8	150
21	The effect of double-chain surfactants on armored bubbles: a surfactant-controlled route to colloidosomes. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 6476.	2.8	15
22	Mechanics of Interfacial Composite Materials. <i>Langmuir</i> , 2006, 22, 10204-10208.	3.5	91
23	Microstructure, Morphology, and Lifetime of Armored Bubbles Exposed to Surfactants. <i>Langmuir</i> , 2006, 22, 5986-5990.	3.5	110
24	Controlled assembly of jammed colloidal shells on fluid droplets. <i>Nature Materials</i> , 2005, 4, 553-556.	27.5	253
25	Non-spherical bubbles. <i>Nature</i> , 2005, 438, 930-930.	27.8	256