

# Sonal Bhadauriya

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3639759/publications.pdf>

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8  
papers

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1684188  
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#	ARTICLE	IF	CITATIONS
1	Tuning the Relaxation of Nanopatterned Polymer Films with Polymer-Grafted Nanoparticles: Observation of Entropyâ€“Enthalpy Compensation. <i>Nano Letters</i> , 2018, 18, 7441-7447.	9.1	23
2	Observation of General Entropyâ€“Enthalpy Compensation Effect in the Relaxation of Wrinkled Polymer Nanocomposite Films. <i>Nano Letters</i> , 2021, 21, 1274-1281.	9.1	12
3	Effect of channel confinement on wake dynamics and forced convective heat transfer past a blunt headed cylinder. <i>International Journal of Thermal Sciences</i> , 2018, 124, 467-476.	4.9	11
4	Ionic Liquid Enhanced Parallel Lamellar Ordering in Block Copolymer Films. <i>Macromolecules</i> , 2021, 54, 4531-4545.	4.8	11
5	Nanoimprint Directed Assembly of Associating Polymer-Grafted Nanoparticles for Polymer Thin Films with Enhanced Stability. <i>ACS Applied Polymer Materials</i> , 2019, 1, 3242-3252.	4.4	9
6	Nanoscale Pattern Decay Monitored Line by Line via In Situ Heated Atomic Force Microscopy. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 15943-15950.	8.0	4
7	Enhanced resistance to decay of imprinted nanopatterns in thin films by bare nanoparticles compared to polymer-grafted nanoparticles. <i>Nanoscale Advances</i> , 2021, 3, 5348-5354.	4.6	3
8	Tuning the Relaxation of Imprinted Polymer Films with Polymer-Grafted Nanoparticles. <i>Microscopy and Microanalysis</i> , 2019, 25, 2238-2239.	0.4	1