

# Leena Nebhani

## List of Publications by Year in descending order

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41  
papers

1,056  
citations

566801

15  
h-index

414034

32  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1287  
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Modification of Poly(divinylbenzene) Microspheres via Thiol-ene Chemistry and Alkyne-Azide Click Reactions. <i>Macromolecules</i> , 2009, 42, 3707-3714.	2.2	192
2	Orthogonal Transformations on Solid Substrates: Efficient Avenues to Surface Modification. <i>Advanced Materials</i> , 2009, 21, 3442-3468.	11.1	138
3	Rapid Bonding/Debonding on Demand: Reversibly Cross-Linked Functional Polymers via Diels-Alder Chemistry. <i>Macromolecules</i> , 2010, 43, 5515-5520.	2.2	134
4	Efficient Surface Modification of Divinylbenzene Microspheres via a Combination of RAFT and Hetero Diels-Alder Chemistry. <i>Macromolecular Rapid Communications</i> , 2008, 29, 1431-1437.	2.0	93
5	Strongly electron deficient sulfonyldithioformate based RAFT agents for hetero Diels-Alder conjugation: Computational design and experimental evaluation. <i>Journal of Polymer Science Part A</i> , 2009, 47, 6053-6071.	2.5	48
6	Quantification of Grafting Densities Achieved via Modular Grafting Approaches onto Divinylbenzene Microspheres. <i>Advanced Functional Materials</i> , 2010, 20, 2010-2020.	7.8	46
7	Efficient and mild modification of Si surfaces via orthogonal hetero Diels-Alder chemistry. <i>Journal of Polymer Science Part A</i> , 2009, 47, 7090-7095.	2.5	41
8	Functionalization of Fullerenes with Cyclopentadienyl and Anthracenyl Capped Polymeric Building Blocks via Diels-Alder Chemistry. <i>Macromolecular Rapid Communications</i> , 2010, 31, 1298-1305.	2.0	35
9	Accessing Quantitative Degrees of Functionalization on Solid Substrates via Solid-State NMR Spectroscopy. <i>Macromolecules</i> , 2010, 43, 3868-3875.	2.2	33
10	Hybrid polymers based on bio-based benzoxazines with inorganic siloxane linkage to confer impressive thermal performance. <i>Polymer</i> , 2020, 199, 122549.	1.8	33
11	Sustainable approach towards enhancing thermal stability of bio-based polybenzoxazines. <i>Polymer</i> , 2019, 184, 121905.	1.8	30
12	Phloretic acid: a smart choice to develop low-temperature polymerizable bio-based benzoxazine thermosets. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 1233-1242.	2.0	23
13	pH- and Metal Ion- Sensitive Hydrogels based on N-[2-(dimethylaminoethyl)acrylamide]. <i>Polymers</i> , 2016, 8, 233.	2.0	22
14	Priming the pores of mesoporous silica nanoparticles with an in-built RAFT agent for anchoring a thermally responsive polymer. <i>Microporous and Mesoporous Materials</i> , 2019, 277, 60-69.	2.2	22
15	Highly Bactericidal Macroporous Antimicrobial Polymeric Gel for Point-of-Use Water Disinfection. <i>Scientific Reports</i> , 2018, 8, 7965.	1.6	18
16	Tuning shear thickening behavior via synthesis of organically modified silica to improve impact resistance of Kevlar fabric. <i>Materials Today Communications</i> , 2020, 23, 100892.	0.9	17
17	TEMPO Driven Mild and Modular Route to Functionalized Microparticles. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800169.	2.0	15
18	Imprinting the location of an in-built RAFT agent and selective grafting of polymer chains inside or outside the pores of mesoporous silica nanoparticles. <i>Microporous and Mesoporous Materials</i> , 2020, 294, 109898.	2.2	11

#	ARTICLE	IF	CITATIONS
19	Tuning the architecture and performance of multifarious benzoxazine resin based on guaiacol and polyethylenimine. <i>European Polymer Journal</i> , 2020, 134, 109848.	2.6	11
20	Integration of silica with benzoxazine to improve particle dispersion and thermal performance of composites. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 592, 124515.	2.3	10
21	Tuning Melt Strength and Processability of Polyolefins by Addition of a Functionalized Additive Designed via the TEMPO-Driven Thiol-ene Reaction. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 10155-10166.	1.8	10
22	Expanding the library of nitrogen enriched polybenzoxazine thermosets prepared from side-chain type benzoxazines functionalized with polyethylenimine. <i>European Polymer Journal</i> , 2021, 155, 110542.	2.6	8
23	Light-regulated growth of polymer chains from the surface of RAFT agent primed mesoporous silica nanoparticles. <i>Surfaces and Interfaces</i> , 2022, 29, 101764.	1.5	8
24	Well defined and responsive amphiphilic block copolymers synthesized using TEMPO initiated thiol-ene reaction. <i>Materials Today Communications</i> , 2019, 21, 100637.	0.9	7
25	Polybenzoxazine - an enticing precursor for engineering heteroatom-doped porous carbon materials with applications beyond energy, environment and catalysis. <i>Materials Today Chemistry</i> , 2022, 23, 100734.	1.7	7
26	Comprehensive studies on polyethylenimine filled polypropylene and its potential application in carbon dioxide sequestration. <i>Polymer Engineering and Science</i> , 2019, 59, 2092-2102.	1.5	6
27	Computational and experimental approach to evaluate the effect of initiator concentration, solvents, and enes on the TEMPO driven thiol-ene reaction. <i>New Journal of Chemistry</i> , 2020, 44, 18625-18632.	1.4	6
28	Polymer Functionalization of Mesoporous Silica Nanoparticles Using Controlled Radical Polymerization Techniques. , 0, , .		4
29	Combined Effect of Functionality and Pore Size on Dehydrogenation of Ammonia Borane via Its Nanoconfinement in Polyacrylamide-Grafted Organically Modified Mesoporous Silica. <i>ACS Applied Energy Materials</i> , 2021, 4, 6585-6598.	2.5	4
30	Crystallization kinetics of compatibilized blends of polypropylene and polyethylenimine. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 6689-6699.	2.0	4
31	Hybrid mesoporous silica-based nanocarriers for responsive drug release in cancerous cell line. <i>Applied Nanoscience (Switzerland)</i> , 2021, 11, 217-228.	1.6	3
32	TEMPO driven thiol-ene reaction for the preparation of polymer functionalized silicon wafers. <i>New Journal of Chemistry</i> , 2021, 45, 9118-9129.	1.4	3
33	Antimicrobial and Responsive Zwitterionic Polymer Based on Cysteine Methacrylate Synthesized via RAFT Polymerization. <i>Polymer Science - Series A</i> , 2021, 63, 505-514.	0.4	3
34	Improved melt strength and processability of impact copolymer polypropylene by introducing long-chain branching via reactive extrusion with $\alpha$ -functionalized dendrimer. <i>Polymer Engineering and Science</i> , 2022, 62, 1876-1889.	1.5	3
35	Bactericidal materials prepared via conjugation of responsive polymers to cysteine. <i>Materials Today Communications</i> , 2021, 26, 101813.	0.9	2
36	Concerted effect of boron and porosity on shear thickening behavior of hybrid mesoporous silica dispersions. <i>Materials Today Chemistry</i> , 2021, 22, 100565.	1.7	2

#	ARTICLE	IF	CITATIONS
37	Silica derived from variety of sources and its functionalized forms as an antiblock additive in polypropylene. Journal of Thermoplastic Composite Materials, 2023, 36, 1382-1400.	2.6	2
38	Chemical analysis of polymers. , 2020, , 69-116.		1
39	Silica Reinforced Polymer Composites: Properties, Characterization and Applications. , 2022, , 1057-1074.		1
40	Macromol. Rapid Commun. 17/2008. Macromolecular Rapid Communications, 2008, 29, NA-NA.	2.0	0
41	High Performance Hybrid Materials Based on Polybenzoxazines. , 2021, , .		0