

# Abhijeet P Bapat

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6601499/publications.pdf>

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11  
papers

1,529  
citations

933447

10  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

2099  
citing authors

#	ARTICLE	IF	CITATIONS
1	Room-Temperature Self-Healing Polymers Based on Dynamic-Covalent Boronic Esters. <i>Macromolecules</i> , 2015, 48, 2098-2106.	4.8	534
2	Dynamic-Covalent Macromolecular Stars with Boronic Ester Linkages. <i>Journal of the American Chemical Society</i> , 2011, 133, 19832-19838.	13.7	214
3	Macromolecular metamorphosis via stimulus-induced transformations of polymer architecture. <i>Nature Chemistry</i> , 2017, 9, 817-823.	13.6	174
4	Bulk network polymers with dynamic Bâ€“O bonds: healable and reprocessable materials. <i>Materials Horizons</i> , 2020, 7, 694-714.	12.2	151
5	Dynamic-covalent nanostructures prepared by Dielsâ€“Alder reactions of styrene-maleic anhydride-derived copolymers obtained by one-step cascade block copolymerization. <i>Polymer Chemistry</i> , 2012, 3, 3112.	3.9	99
6	Block copolymer conjugates prepared by sequentially grafting from proteins via RAFT. <i>Polymer Chemistry</i> , 2011, 2, 1531.	3.9	95
7	Redox-Responsive Dynamic-Covalent Assemblies: Stars and Miktoarm Stars. <i>Macromolecules</i> , 2013, 46, 2188-2198.	4.8	94
8	Protein conjugation of thermoresponsive amine-reactive polymers prepared by RAFT. <i>Polymer Chemistry</i> , 2011, 2, 323-327.	3.9	88
9	Oximes as reversible links in polymer chemistry: dynamic macromolecular stars. <i>Polymer Chemistry</i> , 2014, 5, 6923-6931.	3.9	64
10	Lipophilic polymethacrylate ionic liquids as lubricant additives. <i>European Polymer Journal</i> , 2018, 108, 38-47.	5.4	12
11	What is the effect of lipophilic polymeric ionic liquids on friction and wear?. <i>Reactive and Functional Polymers</i> , 2018, 131, 150-155.	4.1	4