

# Kurt Breitenkamp

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15  
papers

1,370  
citations

13  
h-index

15  
g-index

15  
ext. papers

1,467  
ext. citations

7.6  
avg, IF

4.27  
L-index

#	Paper	IF	Citations
15	Direct human cartilage repair using three-dimensional bioprinting technology. <i>Tissue Engineering - Part A</i> , <b>2012</b> , 18, 1304-12	3.9	483
14	Functional virus-based polymer-protein nanoparticles by atom transfer radical polymerization. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 9242-5	16.4	158
13	Buckyballs meet viral nanoparticles: candidates for biomedicine. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 17093-5	16.4	108
12	Novel polymer capsules from amphiphilic graft copolymers and cross-metathesis. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 12070-1	16.4	104
11	Synergistic action of fibroblast growth factor-2 and transforming growth factor-beta1 enhances bioprinted human neocartilage formation. <i>Biotechnology and Bioengineering</i> , <b>2012</b> , 109, 2357-68	4.9	90
10	Reactive Amphiphilic Graft Copolymer Coatings Applied to Poly(vinylidene fluoride) Ultrafiltration Membranes. <i>Macromolecules</i> , <b>2007</b> , 40, 3624-3630	5.5	83
9	Encapsidated atom-transfer radical polymerization in Q $\square$ virus-like nanoparticles. <i>ACS Nano</i> , <b>2014</b> , 8, 8003-14	16.7	65
8	Synthesis and Postpolymerization Functionalization of Poly(5-iodo-1,2,3-triazole)s. <i>Macromolecules</i> , <b>2011</b> , 44, 4735-4741	5.5	55
7	Amphiphilic ruthenium benzylidene metathesis catalyst with PEG-substituted pyridine ligands. <i>Journal of Polymer Science Part A</i> , <b>2005</b> , 43, 5715-5721	2.5	53
6	Novel Amphiphilic Graft Copolymers Prepared by Ring-Opening Metathesis Polymerization of Poly(ethylene glycol)-Substituted Cyclooctene Macromonomers. <i>Macromolecules</i> , <b>2002</b> , 35, 9249-9252	5.5	51
5	Synthesis and Characterization of Polyolefin-graft-oligopeptide Polyelectrolytes. <i>Macromolecules</i> , <b>2007</b> , 40, 7617-7624	5.5	44
4	PC-Polyolefins: Synthesis and Assembly Behavior in Water. <i>Macromolecules</i> , <b>2009</b> , 42, 3227-3229	5.5	37
3	Photodynamic activity of viral nanoparticles conjugated with C60. <i>Chemical Communications</i> , <b>2012</b> , 48, 9044-6	5.8	33
2	Manifold Assembly for the Convenient Polymerization of Ethylene Oxide and Butadiene. <i>Macromolecules</i> , <b>2006</b> , 39, 7170-7173	5.5	4
1	Hollow Microcapsules for Drug Delivery by Self-Assembly and Cross-Linking of Amphiphilic Graft Copolymers. <i>ACS Symposium Series</i> , <b>2006</b> , 253-267	0.4	2