

# Benjamin G Cooper

## List of Publications by Year in descending order

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768  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Synthetic Bottle-Brush Polyelectrolyte Reduces Friction and Wear of Intact and Previously Worn Cartilage. ACS Biomaterials Science and Engineering, 2019, 5, 3060-3067.	5.2	13
2	Functional effects of an interpenetrating polymer network on articular cartilage mechanical properties. Osteoarthritis and Cartilage, 2018, 26, 414-421.	1.3	14
3	Friction-lowering capabilities and human subject preferences for a hydrophilic surface coating on latex substrates: implications for increasing condom usage. Royal Society Open Science, 2018, 5, 180291.	2.4	4
4	Active agents, biomaterials, and technologies to improve biolubrication and strengthen soft tissues. Biomaterials, 2018, 181, 210-226.	11.4	42
5	A synthetic polymeric biolubricant imparts chondroprotection in a rat meniscal tear model. Biomaterials, 2018, 182, 13-20.	11.4	22
6	Reinforcement of articular cartilage with a tissue-interpenetrating polymer network reduces friction and modulates interstitial fluid load support. Osteoarthritis and Cartilage, 2017, 25, 1143-1149.	1.3	18
7	Synthesis of an Environmentally Friendly Alkyl Carbonate Electrolyte Based on Glycerol for Lithium-ion Supercapacitor Operation at 100 Å°C. Advanced Sustainable Systems, 2017, 1, 1700067.	5.3	7
8	A Tissue-Interpenetrating Double Network Restores the Mechanical Properties of Degenerated Articular Cartilage. Angewandte Chemie, 2016, 128, 4298-4302.	2.0	8
9	Macromolecular photoinitiators enhance the hydrophilicity and lubricity of natural rubber. Journal of Applied Polymer Science, 2016, 133, .	2.6	14
10	A Tissue-Interpenetrating Double Network Restores the Mechanical Properties of Degenerated Articular Cartilage. Angewandte Chemie - International Edition, 2016, 55, 4226-4230.	13.8	43
11	Synthesis and Structural Characterization of High Spin M/Cu (M = Mn, Fe) Heterobimetallic and Fe/Cu <sub>2</sub> Trimetallic Phosphinoamides. Inorganic Chemistry, 2012, 51, 1866-1873.	4.0	13
12	Catalytic Applications of Early/Late Heterobimetallic Complexes. Catalysis Reviews - Science and Engineering, 2012, 54, 1-40.	12.9	232
13	Electronic Factors Affecting Metal-Metal Interactions in Early/Late Heterobimetallics: Substituent Effects in Zirconium/Platinum Bis(phosphinoamide) Complexes. Organometallics, 2010, 29, 5179-5186.	2.3	33