

# Benjamin G Cooper

## List of Publications by Year in descending order

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13  
papers

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citations

933447

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1125743

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docs citations

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times ranked

768  
citing authors

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