

David J Goldfeld

List of Publications by Year in descending order

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13
papers

712
citations

933447

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1125743

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docs citations

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times ranked

1375
citing authors

#	ARTICLE	IF	CITATIONS
1	A Plasmon-Assisted Optofluidic (PAOF) System for Measuring the Photothermal Conversion Efficiencies of Gold Nanostructures and Controlling an Electrical Switch. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4169-4173.	13.8	287
2	Gel phase formation in dilute triblock copolyelectrolyte complexes. <i>Nature Communications</i> , 2017, 8, 14131.	12.8	92
3	Nanocables composed of anatase nanofibers wrapped in UV-light reduced graphene oxide and their enhancement of photoinduced electron transfer in photoanodes. <i>Journal of Materials Chemistry</i> , 2011, 21, 18174.	6.7	53
4	Phosphate-Containing Polyethylene Glycol Polymers Prevent Lethal Sepsis by Multidrug-Resistant Pathogens. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 966-977.	3.2	53
5	Charge transfer and retention in directly coupled Au-CdSe nanohybrids. <i>Nano Research</i> , 2012, 5, 88-98.	10.4	49
6	Structure, Morphology, and Rheology of Polyelectrolyte Complex Hydrogels Formed by Self-Assembly of Oppositely Charged Triblock Polyelectrolytes. <i>Macromolecules</i> , 2020, 53, 5763-5774.	4.8	39
7	Demystifying the Mechanism of Regio- and Isolelective Epoxide Polymerization Using the Vandenberg Catalyst. <i>Macromolecules</i> , 2018, 51, 1777-1786.	4.8	26
8	Poly lactide Foams with Tunable Mechanical Properties and Wettability using a Star Polymer Architecture and a Mixture of Surfactants. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 1698-1706.	6.7	24
9	Silicone-based polymer blends: Enhancing properties through compatibilization. <i>Journal of Polymer Science</i> , 2021, 59, 2114-2128.	3.8	13
10	Bicontinuous Ion-Exchange Materials through Polymerization-Induced Microphase Separation. <i>ACS Macro Letters</i> , 2021, 10, 60-64.	4.8	10
11	De Novo Synthesis of Phosphorylated Triblock Copolymers with Pathogen Virulence-Suppressing Properties That Prevent Infection-Related Mortality. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 2076-2085.	5.2	9
12	Synthesis and Self-Assembly of Block Polyelectrolyte Membranes through a Mild, 2-in-1 Postpolymerization Treatment. <i>ACS Applied Polymer Materials</i> , 2020, 2, 817-825.	4.4	9
13	Extracurricular Student Groups: The Final Frontier of Undergraduate Safety. <i>Journal of Chemical Education</i> , 2021, 98, 15-18.	2.3	1