

# David A Gregory

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8372989/publications.pdf>

Version: 2024-02-01

21  
papers

967  
citations

623574

14  
h-index

794469

19  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1065  
citing authors

#	ARTICLE	IF	CITATIONS
1	3D printable self-propelling sensors for the assessment of water quality via surface tension. <i>Jcis Open</i> , 2022, 5, 100044.	1.5	6
2	Polyhydroxyalkanoates and their advances for biomedical applications. <i>Trends in Molecular Medicine</i> , 2022, 28, 331-342.	3.5	35
3	Rotating ellipsoidal catalytic micro-swimmers <i>via</i> glancing angle evaporation. <i>Materials Advances</i> , 2021, 2, 7045-7053.	2.6	4
4	Silk Fibroin as a Functional Biomaterial for Tissue Engineering. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1499.	1.8	198
5	Mussel Inspired Chemistry and Bacteria Derived Polymers for Oral Mucosal Adhesion and Drug Delivery. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 663764.	2.0	8
6	Bacterial cellulose: A smart biomaterial with diverse applications. <i>Materials Science and Engineering Reports</i> , 2021, 145, 100623.	14.8	120
7	Cell guidance on peptide micropatterned silk fibroin scaffolds. <i>Journal of Colloid and Interface Science</i> , 2021, 603, 380-390.	5.0	19
8	Natural Biomaterials for Cardiac Tissue Engineering: A Highly Biocompatible Solution. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 554597.	1.1	74
9	Patterning the neuronal cells via inkjet printing of self-assembled peptides on silk scaffolds. <i>Progress in Natural Science: Materials International</i> , 2020, 30, 686-696.	1.8	16
10	Reactive Inkjet Printing and Propulsion Analysis of Silk-based Self-propelled Micro-stirrers. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	3
11	Magnetic-silk/polyethyleneimine core-shell nanoparticles for targeted gene delivery into human breast cancer cells. <i>International Journal of Pharmaceutics</i> , 2019, 555, 322-336.	2.6	41
12	Reactive Inkjet Printing of Functional Silk Stirrers for Enhanced Mixing and Sensing. <i>Small</i> , 2019, 15, e1804213.	5.2	16
13	Symmetrical Catalytically Active Colloids Collectively Induce Convective Flow. <i>Langmuir</i> , 2018, 34, 4307-4313.	1.6	16
14	Magnetic Alginate/Chitosan Nanoparticles for Targeted Delivery of Curcumin into Human Breast Cancer Cells. <i>Nanomaterials</i> , 2018, 8, 907.	1.9	94
15	Catalytic Janus Colloids: Controlling Trajectories of Chemical Microswimmers. <i>Accounts of Chemical Research</i> , 2018, 51, 1931-1939.	7.6	52
16	Soft, Hard, and Hybrid Janus Structures: Synthesis, Self-Assembly, and Applications â€” Catalytic Janus Swimmers. , 2017, , 315-403.		2
17	CHAPTER 8. Reactive Inkjet Printing of Regenerated Silk Fibroin as a 3D Scaffold for Autonomous Swimming Devices (Micro-rockets). <i>RSC Smart Materials</i> , 2017, , 169-201.	0.1	0
18	Reactive Inkjet Printing of Biocompatible Enzyme Powered Silk Microâ€”Rockets. <i>Small</i> , 2016, 12, 4048-4055.	5.2	57

#	ARTICLE	IF	CITATIONS
19	Reactive Inkjet Printing: Reactive Inkjet Printing of Biocompatible Enzyme Powered Silk Micro-Rockets (Small 30/2016). Small, 2016, 12, 4022-4022.	5.2	1
20	Effect of Catalyst Distribution on Spherical Bubble Swimmer Trajectories. Journal of Physical Chemistry C, 2015, 119, 15339-15348.	1.5	24
21	Electrokinetic effects in catalytic platinum-insulator Janus swimmers. Europhysics Letters, 2014, 106, 58003.	0.7	181