

Anna M Duraj-Thatte

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,068
citations

759233

12
h-index

940533

16
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all docs

20
docs citations

20
times ranked

1333
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineered Living Materials: Prospects and Challenges for Using Biological Systems to Direct the Assembly of Smart Materials. <i>Advanced Materials</i> , 2018, 30, e1704847.	21.0	300
2	Engineered <i>E. coli</i> Nissle 1917 for the delivery of matrix-tethered therapeutic domains to the gut. <i>Nature Communications</i> , 2019, 10, 5580.	12.8	212
3	Fluorescence imaging using synthetic GFP chromophores. <i>Current Opinion in Chemical Biology</i> , 2015, 27, 64-74.	6.1	120
4	Genetically Programmable Self-Regenerating Bacterial Hydrogels. <i>Advanced Materials</i> , 2019, 31, e1901826.	21.0	78
5	Scalable Production of Genetically Engineered Nanofibrous Macroscopic Materials via Filtration. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 733-741.	5.2	75
6	Water-processable, biodegradable and coatable aquaplastic from engineered biofilms. <i>Nature Chemical Biology</i> , 2021, 17, 732-738.	8.0	64
7	Programmable microbial ink for 3D printing of living materials produced from genetically engineered protein nanofibers. <i>Nature Communications</i> , 2021, 12, 6600.	12.8	52
8	Biomimetic engineering of conductive curli protein films. <i>Nanotechnology</i> , 2018, 29, 454002.	2.6	36
9	Robust Self-Regeneratable Stiff Living Materials Fabricated from Microbial Cells. <i>Advanced Functional Materials</i> , 2021, 31, 2010784.	14.9	30
10	Fabrication of Amyloid Curli Fibers-Alginate Nanocomposite Hydrogels with Enhanced Stiffness. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 2100-2105.	5.2	29
11	Modulating bacterial and gut mucosal interactions with engineered biofilm matrix proteins. <i>Scientific Reports</i> , 2018, 8, 3475.	3.3	26
12	Novel thermostable single-stranded DNA-binding protein (SSB) from <i>Deinococcus geothermalis</i> . <i>Archives of Microbiology</i> , 2006, 186, 129-137.	2.2	16
13	Identification, cloning, expression, and characterization of a highly thermostable single-stranded-DNA-binding protein (SSB) from <i>Deinococcus murrayi</i> . <i>Protein Expression and Purification</i> , 2007, 53, 201-208.	1.3	12
14	Engineered Living Materials: Engineered Living Materials: Prospects and Challenges for Using Biological Systems to Direct the Assembly of Smart Materials (<i>Adv. Mater.</i> 19/2018). <i>Advanced Materials</i> , 2018, 30, 1870134.	21.0	9
15	A human vitamin D receptor mutant activated by cholecalciferol. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2011, 125, 202-210.	2.5	4
16	The role of residue C410 on activation of the human vitamin D receptor by various ligands. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2012, 128, 76-86.	2.5	2
17	Hydrogels: Genetically Programmable Self-Regenerating Bacterial Hydrogels (<i>Adv. Mater.</i> 40/2019). <i>Advanced Materials</i> , 2019, 31, 1970289.	21.0	0