

Camden A Chatham

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

417
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

422
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of the process physics and material screening methods for polymer powder bed fusion additive manufacturing. <i>Progress in Polymer Science</i> , 2019, 93, 68-95.	24.7	177
2	Model analysis of feedstock behavior in fused filament fabrication: Enabling rapid materials screening. <i>Polymer</i> , 2018, 152, 51-61.	3.8	77
3	Current understanding and challenges in high temperature additive manufacturing of engineering thermoplastic polymers. <i>Additive Manufacturing</i> , 2020, 34, 101218.	3.0	68
4	Semi-Crystalline Polymer Blends for Material Extrusion Additive Manufacturing Printability: A Case Study with Poly(ethylene terephthalate) and Polypropylene. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1800764.	3.6	35
5	Powder bed fusion of poly(phenylene sulfide) at bed temperatures significantly below melting. <i>Additive Manufacturing</i> , 2019, 28, 506-516.	3.0	18
6	Tuning the material properties of a water-soluble ionic polymer using different counterions for material extrusion additive manufacturing. <i>Polymer</i> , 2019, 176, 283-292.	3.8	16
7	Using fillers to tune material properties of an ion-containing semi-crystalline poly(ethylene glycol) for fused filament fabrication additive manufacturing. <i>Additive Manufacturing</i> , 2021, 39, 101844.	3.0	11
8	Mechanical properties of tissue-mimicking composites formed by material jetting additive manufacturing. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 125, 104938.	3.1	10
9	Ageing of PBF-Grade Poly(Phenylene Sulfide) Powder and its Effect on Critical Printability Properties. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2000599.	3.6	3
10	Process-structure-property relationships following thermo-oxidative exposure of powder bed fusion printed poly(phenylene sulfide). <i>MRS Communications</i> , 2021, 11, 179-188.	1.8	2