

Robert J Lovelett

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7864572/publications.pdf>

Version: 2024-02-01

11
papers

192
citations

1307594

7
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

262
citing authors

#	ARTICLE	IF	CITATIONS
1	Overcoming Carrier Concentration Limits in Polycrystalline CdTe Thin Films with In Situ Doping. Scientific Reports, 2018, 8, 14519.	3.3	84
2	Design and Characterization of Rapid Optogenetic Circuits for Dynamic Control in Yeast Metabolic Engineering. ACS Synthetic Biology, 2020, 9, 3254-3266.	3.8	34
3	Hierarchical monitoring of industrial processes for fault detection, fault grade evaluation, and fault diagnosis. AIChE Journal, 2017, 63, 2781-2795.	3.6	22
4	Partial Observations and Conservation Laws: Gray-Box Modeling in Biotechnology and Optogenetics. Industrial & Engineering Chemistry Research, 2020, 59, 2611-2620.	3.7	15
5	Design and experimental implementation of an effective control system for thin film Cu(InGa)Se ₂ production via rapid thermal processing. Journal of Process Control, 2016, 46, 24-33.	3.3	9
6	Dynamical Modeling of Optogenetic Circuits in Yeast for Metabolic Engineering Applications. ACS Synthetic Biology, 2021, 10, 219-227.	3.8	9
7	Some manifold learning considerations toward explicit model predictive control. AIChE Journal, 2020, 66, e16881.	3.6	8
8	Modeling the Effect of Amino Acids and Copper on Monoclonal Antibody Productivity and Glycosylation: A Modular Approach. Biotechnology Journal, 2021, 16, e2000261.	3.5	7
9	Growth of Cu(In, Ga)(S, Se) films: Unravelling the mysteries by in-situ X-ray imaging. , 2016, , .		3
10	A stochastic model of solid state thin film deposition: Application to chalcopyrite growth. AIP Advances, 2016, 6, 045015.	1.3	1
11	A stochastic model for Cu(InGa)(SeS) ₂ absorber growth during selenization/sulfization. , 2015, , .		0