

Karmann Mills

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

322
citations

1307366

7
h-index

1588896

8
g-index

17
all docs

17
docs citations

17
times ranked

696
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of California Fires on Local and Regional Air Quality: The Role of a Low-Cost Sensor Network and Satellite Observations. <i>GeoHealth</i> , 2018, 2, 172-181.	1.9	111
2	Integration among databases and data sets to support productive nanotechnology: Challenges and recommendations. <i>NanoImpact</i> , 2018, 9, 85-101.	2.4	56
3	Reproducibility, sharing and progress in nanomaterial databases. <i>Nature Nanotechnology</i> , 2017, 12, 1111-1114.	15.6	37
4	Nanomaterial registry: database that captures the minimal information about nanomaterial physico-chemical characteristics. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	35
5	System reliability for LED-based products. , 2014, , .		19
6	The Nanomaterial Registry: facilitating the sharing and analysis of data in the diverse nanomaterial community. <i>International Journal of Nanomedicine</i> , 2013, 8 Suppl 1, 7.	3.3	15
7	Understanding chromaticity shifts in LED devices through analytical models. <i>Microelectronics Reliability</i> , 2018, 84, 149-156.	0.9	13
8	An Efficiency-Decay Model for Lumen Maintenance. <i>IEEE Transactions on Device and Materials Reliability</i> , 2016, 16, 277-281.	1.5	10
9	Integration of data: the Nanomaterial Registry project and data curation. <i>Computational Science & Discovery</i> , 2013, 6, 014007.	1.5	9
10	New understandings of failure modes in SSL luminaires. , 2014, , .		7
11	The Nanomaterial Registry: Opportunities and challenges in informatics. , 2012, , .		3
12	Modeling the impact of thermal effects on luminous flux maintenance for SSL luminaires. , 2017, , .		3
13	Understanding and controlling chromaticity shift in LED devices. , 2017, , .		2
14	A Nanomaterial Registry. , 2014, , 153-172.		1
15	Lifetime predictions for dimmable two-channel tunable white luminaires. , 2017, , .		1
16	Response of organic liquid scintillators to fast neutrons and gamma radiation. <i>Radiation Physics and Chemistry</i> , 2013, 84, 59-65.	1.4	0
17	Leveraging accelerated testing to assess the reliability of two-stage and multi-channel drivers. , 2017, , .		0