Karmann Mills

List of Publications by Citations

15 papers	212 citations	7 h-index	14 g-index
17 ext. papers	251 ext. citations	6.6 avg, IF	2.84 L-index

#	Paper	IF	Citations
15	Impact of California Fires on Local and Regional Air Quality: The Role of a Low-Cost Sensor Network and Satellite Observations. *GeoHealth*, **2018**, 2, 172-181	5	63
14	Integration among databases and data sets to support productive nanotechnology: Challenges and recommendations. *NanoImpact*, **2018**, 9, 85-101	5.6	39
13	Nanomaterial registry: database that captures the minimal information about nanomaterial physico-chemical characteristics. *Journal of Nanoparticle Research*, **2014**, 16, 1	2.3	31
12	Reproducibility, sharing and progress in nanomaterial databases. *Nature Nanotechnology*, **2017**, 12, 1111-1114	38.1	29
11	System reliability for LED-based products **2014**,		13
10	Integration of data: the Nanomaterial Registry project and data curation. *Computational Science & Discovery*, **2013**, 6, 014007		8
9	The Nanomaterial Registry: facilitating the sharing and analysis of data in the diverse nanomaterial community. *International Journal of Nanomedicine*, **2013**, 8 Suppl 1, 7-13	7.3	8
8	. *IEEE Transactions on Device and Materials Reliability*, **2016**, 16, 277-281	1.6	7
7	Understanding chromaticity shifts in LED devices through analytical models. *Microelectronics Reliability*, **2018**, 84, 149-156	1.2	4
6	New understandings of failure modes in SSL luminaires **2014**,		3
5	The Nanomaterial Registry: Opportunities and challenges in informatics **2012**,		3
4	Understanding and controlling chromaticity shift in LED devices **2017**,		1
3	Lifetime predictions for dimmable two-channel tunable white luminaires **2017**,		1
2	A Nanomaterial Registry **2014**, 153-172		1
1	Response of organic liquid scintillators to fast neutrons and gamma radiation. *Radiation Physics and Chemistry*, **2013**, 84, 59-65	2.5	