

# Kevin M Holder

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/817769/publications.pdf>

Version: 2024-02-01

15  
papers

1,274  
citations

623188

14  
h-index

996533

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1639  
citing authors

#	ARTICLE	IF	CITATIONS
1	Super Gas Barrier of Transparent Polymer-Clay Multilayer Ultrathin Films. <i>Nano Letters</i> , 2010, 10, 4970-4974.	4.5	299
2	A review of flame retardant nanocoatings prepared using layer-by-layer assembly of polyelectrolytes. <i>Journal of Materials Science</i> , 2017, 52, 12923-12959.	1.7	156
3	Environmentally Benign Halloysite Nanotube Multilayer Assembly Significantly Reduces Polyurethane Flammability. <i>Advanced Functional Materials</i> , 2018, 28, 1703289.	7.8	154
4	Recent Advances in Gas Barrier Thin Films via Layer-by-Layer Assembly of Polymers and Platelets. <i>Macromolecular Rapid Communications</i> , 2015, 36, 866-879.	2.0	113
5	Stable n-type thermoelectric multilayer thin films with high power factor from carbonaceous nanofillers. <i>Nano Energy</i> , 2016, 28, 426-432.	8.2	96
6	Influence of Clay Concentration on the Gas Barrier of Clay-Polymer Nanobrick Wall Thin Film Assemblies. <i>Langmuir</i> , 2011, 27, 12106-12114.	1.6	92
7	Transparency, Gas Barrier, and Moisture Resistance of Large-Aspect-Ratio Vermiculite Nanobrick Wall Thin Films. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 5529-5533.	4.0	59
8	Intumescent multilayer thin film deposited on clay-based nanobrick wall to produce self-extinguishing flame retardant polyurethane. <i>Journal of Materials Science</i> , 2015, 50, 2451-2458.	1.7	58
9	Precisely Tuning the Clay Spacing in Nanobrick Wall Gas Barrier Thin Films. <i>Chemistry of Materials</i> , 2013, 25, 1649-1655.	3.2	54
10	Humidity-Responsive Gas Barrier of Hydrogen-Bonded Polymer-Clay Multilayer Thin Films. <i>Journal of Physical Chemistry C</i> , 2012, 116, 19851-19856.	1.5	45
11	Intumescent Nanocoating Extinguishes Flame on Fabric Using Aqueous Polyelectrolyte Complex Deposited in Single Step. <i>Macromolecular Materials and Engineering</i> , 2014, 299, 1180-1187.	1.7	45
12	Carbon Nanotube Multilayer Nanocoatings Prevent Flame Spread on Flexible Polyurethane Foam. <i>Macromolecular Materials and Engineering</i> , 2016, 301, 665-673.	1.7	41
13	Stretchable Gas Barrier Achieved with Partially Hydrogen-Bonded Multilayer Nanocoating. <i>Macromolecular Rapid Communications</i> , 2014, 35, 960-964.	2.0	39
14	Edge Charge Neutralization of Clay for Improved Oxygen Gas Barrier in Multilayer Nanobrick Wall Thin Films. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 34784-34790.	4.0	22
15	Macromol. Rapid Commun. 10/2015. <i>Macromolecular Rapid Communications</i> , 2015, 36, 932-932.	2.0	0