

Leng-Duei Koh

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

2,180
citations

759233

12
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

3888
citing authors

#	ARTICLE	IF	CITATIONS
1	Structures, mechanical properties and applications of silk fibroin materials. <i>Progress in Polymer Science</i> , 2015, 46, 86-110.	24.7	811
2	Recent Progress in Energy-Driven Water Splitting. <i>Advanced Science</i> , 2017, 4, 1600337.	11.2	643
3	On the strength of β -sheet crystallites of <i>Bombyx mori</i> silk fibroin. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20140305.	3.4	146
4	Effective Targeted Photothermal Ablation of Multidrug Resistant Bacteria and Their Biofilms with NIR-Absorbing Gold Nanocrosses. <i>Advanced Healthcare Materials</i> , 2016, 5, 2122-2130.	7.6	126
5	Functional Silk: Colored and Luminescent. <i>Advanced Materials</i> , 2012, 24, 1388-1397.	21.0	116
6	Advancing the frontiers of silk fibroin protein-based materials for futuristic electronics and clinical wound-healing (Invited review). <i>Materials Science and Engineering C</i> , 2018, 86, 151-172.	7.3	99
7	Peptide-Graphene Interactions Enhance the Mechanical Properties of Silk Fibroin. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 21787-21796.	8.0	64
8	Fabrication of bimetallic Cu/Au nanotubes and their sensitive, selective, reproducible and reusable electrochemical sensing of glucose. <i>Nanoscale</i> , 2015, 7, 11190-11198.	5.6	60
9	The use of molecular fluorescent markers to monitor absorption and distribution of xenobiotics in a silkworm model. <i>Biomaterials</i> , 2011, 32, 9576-9583.	11.4	54
10	Preparation, Functionality, and Application of Metal Oxide-coated Noble Metal Nanoparticles. <i>Chemical Record</i> , 2016, 16, 1965-1990.	5.8	22
11	Carbon nanoscroll-silk crystallite hybrid structures with controllable hydration and mechanical properties. <i>Nanoscale</i> , 2017, 9, 9181-9189.	5.6	21
12	Facile solvothermal approach to pristine tetrahedrite nanostructures with unique multiply-voided morphology. <i>Nanoscale</i> , 2017, 9, 17865-17876.	5.6	14
13	Functional Silk: Colored and Luminescent (<i>Adv. Mater.</i> 11/2012). <i>Advanced Materials</i> , 2012, 24, 1350-1350.	21.0	4