

Jukka Hassinen

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

680
citations

623734

14
h-index

888059

17
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17
all docs

17
docs citations

17
times ranked

1165
citing authors

#	ARTICLE	IF	CITATIONS
1	Chiral Plasmonics Using Twisting along Cellulose Nanocrystals as a Template for Gold Nanoparticles. <i>Advanced Materials</i> , 2016, 28, 5262-5267.	21.0	105
2	Cooperative colloidal self-assembly of metal-protein superlattice wires. <i>Nature Communications</i> , 2017, 8, 671.	12.8	73
3	Simple and Efficient Separation of Atomically Precise Noble Metal Clusters. <i>Analytical Chemistry</i> , 2014, 86, 12185-12190.	6.5	69
4	Direct Laser Writing of Photostable Fluorescent Silver Nanoclusters in Polymer Films. <i>ACS Nano</i> , 2014, 8, 11165-11171.	14.6	60
5	Synchrotron radiation investigations of the Sr ₂ MgSi ₂ O ₇ :Eu ²⁺ ,R ³⁺ persistent luminescence materials. <i>Journal of Rare Earths</i> , 2009, 27, 529-538.	4.8	49
6	Phosphorylated cellulose nanofibers exhibit exceptional capacity for uranium capture. <i>Cellulose</i> , 2020, 27, 10719-10732.	4.9	48
7	Optical energy storage properties of Sr ₂ MgSi ₂ O ₇ :Eu ²⁺ ,R ³⁺ persistent luminescence materials. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 105, 657-662.	3.6	44
8	Low-cost reduced graphene oxide-based conductometric nitrogen dioxide-sensitive sensor on paper. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 3611-3617.	3.7	44
9	Rapid Cationization of Gold Nanoparticles by Two-Step Phase Transfer. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7990-7993.	13.8	39
10	Mixed-Monolayer-Protected Au ₂₅ Clusters with Bulky Calix[4]arene Functionalities. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 585-589.	4.6	34
11	Electronic structure of defects in Sr ₂ MgSi ₂ O ₇ :Eu ²⁺ ,La ³⁺ persistent luminescence material. <i>Journal of Non-Crystalline Solids</i> , 2010, 356, 2015-2019.	3.1	29
12	Sub-micron scale patterning of fluorescent silver nanoclusters using low-power laser. <i>Scientific Reports</i> , 2016, 6, 23998.	3.3	26
13	Impact of incubation conditions and post-treatment on the properties of bacterial cellulose membranes for pressure-driven filtration. <i>Carbohydrate Polymers</i> , 2021, 251, 117073.	10.2	15
14	Holographic patterning of fluorescent microstructures comprising silver nanoclusters. <i>Optical Materials Express</i> , 2016, 6, 946.	3.0	14
15	Effects of Chloride Concentration on the Water Disinfection Performance of Silver Containing Nanocellulose-based Composites. <i>Scientific Reports</i> , 2019, 9, 19505.	3.3	13
16	Gold nanoparticles: calixarene complexation in a mixed calixarene-alkanethiol monolayer. <i>RSC Advances</i> , 2014, 4, 13453.	3.6	12
17	Micropatterning of silver nanoclusters embedded in polyvinyl alcohol films. <i>Optics Letters</i> , 2016, 41, 3627.	3.3	6