

Julian Strobel

List of Publications by Year in descending order

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14
papers

550
citations

1163117

8
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

813
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultralow-fatigue shape memory alloy films. <i>Science</i> , 2015, 348, 1004-1007.	12.6	361
2	Conversionless efficient and broadband laser light diffusers for high brightness illumination applications. <i>Nature Communications</i> , 2020, 11, 1437.	12.8	52
3	Tuning doping and surface functionalization of columnar oxide films for volatile organic compound sensing: experiments and theory. <i>Journal of Materials Chemistry A</i> , 2018, 6, 23669-23682.	10.3	36
4	A Flexible Oxygenated Carbographite Nanofilamentous Buckypaper as an Amphiphilic Membrane. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800001.	3.7	19
5	Direct Synthesis of Electrowettable Carbon Nanowall“Diamond Hybrid Materials from Sacrificial Ceramic Templates Using HFCVD. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700019.	3.7	16
6	In depth nano spectroscopic analysis on homogeneously switching double barrier memristive devices. <i>Journal of Applied Physics</i> , 2017, 121, 245307.	2.5	14
7	Correlation between sputter deposition parameters and I-V characteristics in double-barrier memristive devices. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2019, 37, 061203.	1.2	14
8	Individual CdS-covered aerographite microtubes for room temperature VOC sensing with high selectivity. <i>Materials Science in Semiconductor Processing</i> , 2019, 100, 275-282.	4.0	8
9	Improving gas sensing by CdTe decoration of individual Aerographite microtubes. <i>Nanotechnology</i> , 2019, 30, 065501.	2.6	8
10	Transmission Electron Microscopy on Memristive Devices: An Overview. <i>Applied Microscopy</i> , 2016, 46, 206-216.	1.4	8
11	Martensite adaption through epitaxial nano transition layers in TiNiCu shape memory alloys. <i>Journal of Applied Crystallography</i> , 2016, 49, 1009-1015.	4.5	7
12	Hierarchical Aerographite 3D flexible networks hybridized by InP micro/nanostructures for strain sensor applications. <i>Scientific Reports</i> , 2018, 8, 13880.	3.3	7
13	Composite Materials: Direct Synthesis of Electrowettable Carbon Nanowall“Diamond Hybrid Materials from Sacrificial Ceramic Templates Using HFCVD (<i>Adv. Mater. Interfaces</i> 10/2017). <i>Advanced Materials Interfaces</i> , 2017, 4, .	3.7	0
14	Carbographite Buckypaper: A Flexible Oxygenated Carbographite Nanofilamentous Buckypaper as an Amphiphilic Membrane (<i>Adv. Mater. Interfaces</i> 8/2018). <i>Advanced Materials Interfaces</i> , 2018, 5, 1870036.	3.7	0