

# Sebastian W Pattinson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9584584/publications.pdf>

Version: 2024-02-01

17  
papers

687  
citations

759233

12  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1524  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-speed roll-to-roll manufacturing of graphene using a concentric tube CVD reactor. <i>Scientific Reports</i> , 2015, 5, 10257.	3.3	150
2	Additive Manufacturing of Cellulosic Materials with Robust Mechanics and Antimicrobial Functionality. <i>Advanced Materials Technologies</i> , 2017, 2, 1600084.	5.8	100
3	Enhanced photocatalytic properties in well-ordered mesoporous WO <sub>3</sub> . <i>Chemical Communications</i> , 2010, 46, 7620.	4.1	98
4	En route to controlled catalytic CVD synthesis of densely packed and vertically aligned nitrogen-doped carbon nanotube arrays. <i>Beilstein Journal of Nanotechnology</i> , 2014, 5, 219-233.	2.8	73
5	Hybridizing photoactive zeolites with graphene: a powerful strategy towards superior photocatalytic properties. <i>Chemical Science</i> , 2012, 3, 209-216.	7.4	49
6	Mechanism and Enhanced Yield of Carbon Nanotube Growth on Stainless Steel by Oxygen-Induced Surface Reconstruction. <i>Chemistry of Materials</i> , 2015, 27, 932-937.	6.7	35
7	Real-Time Imaging of Self-Organization and Mechanical Competition in Carbon Nanotube Forest Growth. <i>ACS Nano</i> , 2016, 10, 11496-11504.	14.6	34
8	Additive Manufacturing of Biomechanically Tailored Meshes for Compliant Wearable and Implantable Devices. <i>Advanced Functional Materials</i> , 2019, 29, 1901815.	14.9	31
9	Nitrogen-Induced Catalyst Restructuring for Epitaxial Growth of Multiwalled Carbon Nanotubes. <i>ACS Nano</i> , 2012, 6, 7723-7730.	14.6	30
10	In Situ Observation of the Effect of Nitrogen on Carbon Nanotube Synthesis. <i>Chemistry of Materials</i> , 2013, 25, 2921-2923.	6.7	26
11	The life and death of carbon nanotubes. <i>RSC Advances</i> , 2012, 2, 2909.	3.6	20
12	Crystal engineering of zeolites with graphene. <i>Nanoscale</i> , 2014, 6, 7319-7324.	5.6	16
13	Patterning of carbon nanotube structures by inkjet printing of catalyst. <i>Journal of Materials Science</i> , 2012, 47, 5760-5765.	3.7	9
14	Facile processing of zeolite based catalyst support for carbon nanotube synthesis. <i>Materials Letters</i> , 2013, 93, 404-407.	2.6	9
15	Automated recognition and correction of warp deformation in extrusion additive manufacturing. <i>Additive Manufacturing</i> , 2022, 56, 102838.	3.0	6
16	Fast Imaging of Carbon Nanotube Carpet Growth by Environmental TEM. <i>Microscopy and Microanalysis</i> , 2015, 21, 2327-2328.	0.4	1
17	Additive Manufacturing: Additive Manufacturing of Biomechanically Tailored Meshes for Compliant Wearable and Implantable Devices ( <i>Adv. Funct. Mater.</i> 32/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970222.	14.9	0