

# Justin A Mayer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8743700/publications.pdf>

Version: 2024-02-01

9  
papers

2,054  
citations

1684188

5  
h-index

1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

2149  
citing authors

#	ARTICLE	IF	CITATIONS
1	3D printing of high-strength aluminium alloys. <i>Nature</i> , 2017, 549, 365-369.	27.8	1,876
2	Grain refinement mechanisms in additively manufactured nano-functionalized aluminum. <i>Acta Materialia</i> , 2020, 200, 1022-1037.	7.9	107
3	Mixed-Dimensional Heterostructure Material-Based SERS for Trace Level Identification of Breast Cancer-Derived Exosomes. <i>ACS Omega</i> , 2020, 5, 16602-16611.	3.5	28
4	Additive manufacturing of metal matrix composites via nanofunctionalization. <i>MRS Communications</i> , 2018, 8, 297-302.	1.8	18
5	The effect of post-synthesis aging on the ligand exchange activity of iron oxide nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2018, 511, 374-382.	9.4	12
6	Germanium Quantum Dot Grätzel-Type Solar Cell. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1800570.	1.8	5
7	Nanoscale-Induced Formation of Silicide around Gold Nanoparticles Encapsulated in a-Si. <i>Langmuir</i> , 2020, 36, 939-947.	3.5	3
8	Influence of plastic deformation on the magnetic properties of Heusler MnAu <sub>2</sub> Al. <i>Physical Review Materials</i> , 2021, 5, .	2.4	3
9	Electron count dictates phase separation in Heusler alloys. <i>Physical Review Materials</i> , 2022, 6, .	2.4	2