

# Qiangmin Wei

## List of Publications by Year in descending order

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16  
papers

456  
citations

759233

12  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

584  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Ordered Ga Nanodroplets on a GaAs Surface Formed by a Focused Ion Beam. <i>Physical Review Letters</i> , 2008, 100, 076103.	7.8	70
2	Self-Assembly of Ordered Semiconductor Nanoholes by Ion Beam Sputtering. <i>Advanced Materials</i> , 2009, 21, 2865-2869.	21.0	64
3	Angular dependence of sputtering yield of amorphous and polycrystalline materials. <i>Journal Physics D: Applied Physics</i> , 2008, 41, 172002.	2.8	62
4	The shape of bubbles in He-implanted Cu and Au. <i>Scripta Materialia</i> , 2010, 63, 430-433.	5.2	42
5	Transmission electron microscopy study of the microstructure and crystallographic orientation relationships in V/Ag multilayers. <i>Acta Materialia</i> , 2010, 58, 4871-4882.	7.9	38
6	Ordered nanocrystals on argon ion sputtered polymer film. <i>Chemical Physics Letters</i> , 2008, 452, 124-128.	2.6	32
7	Propagation of ripples on pyrochlore induced by ion beam bombardment. <i>Physical Review B</i> , 2009, 80, .	3.2	30
8	Formation of ultrafine uniform gold nanoparticles by sputtering and redeposition. <i>Applied Physics Letters</i> , 2009, 94, .	3.3	25
9	Optical Properties of GaSb Nanofibers. <i>Nanoscale Research Letters</i> , 2011, 6, 6.	5.7	25
10	Influence of surface morphology on sputtering yields. <i>Journal Physics D: Applied Physics</i> , 2009, 42, 165304.	2.8	15
11	Self-assembly of well-aligned 3C-SiC ripples by focused ion beam. <i>Applied Physics Letters</i> , 2008, 92, .	3.3	13
12	Direct formation of SiO <sub>2</sub> /SnO <sub>2</sub> composite nanoparticles with high surface area and high thermal stability by sol-gel-hydrothermal process. <i>Journal of Sol-Gel Science and Technology</i> , 2009, 49, 196-201.	2.4	12
13	Enhanced photoluminescence from gallium arsenide semiconductor coated with Au nanoparticles. <i>Applied Physics A: Materials Science and Processing</i> , 2009, 96, 637-641.	2.3	12
14	The effects of carbon coating on nanoripples induced by focused ion beam. <i>Applied Physics Letters</i> , 2009, 94, 073103.	3.3	10
15	Morphological instability of Cu nanolines induced by Ga <sup>+</sup> -ion bombardment: In situ scanning electron microscopy and theoretical model. <i>Journal of Applied Physics</i> , 2008, 103, 074306.	2.5	6
16	Orientation relationships in Cu/Nb bilayers deposited on (001) and (111) NaCl substrate. <i>Scripta Materialia</i> , 2022, 220, 114915.	5.2	0