

# Guy Terwagne

## List of Publications by Year in descending order

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15  
papers

139  
citations

1163117

8  
h-index

1199594

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g-index

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15  
docs citations

15  
times ranked

91  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison between diffusion of $^{15}\text{N}$ and $^{14}\text{N}$ in implanted iron. Nuclear Instruments & Methods in Physics Research B, 1987, 19-20, 145-149.	1.4	25
2	Method for fabricating third generation photovoltaic cells based on Si quantum dots using ion implantation into $\text{SiO}_2$ . Journal of Applied Physics, 2011, 109, .	2.5	16
3	Nanocavities and germanium nanocrystals produced by Ge ion implantation in fused silica. Nanotechnology, 2012, 23, 145701.	2.6	14
4	Probing the braneworld hypothesis with a neutron-shining-through-a-wall experiment. Physical Review D, 2015, 91, .	4.7	14
5	Modifications by rare gas bombardment of aluminium nitride formed by direct implantation. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1989, 2, 183-187.	3.5	12
6	Influence of silicon dangling bonds on germanium thermal diffusion within $\text{SiO}_2$ glass. Applied Physics Letters, 2014, 104, .	3.3	11
7	Control of the Ge nanocrystal synthesis by co-implantation of $\text{Si}^+$ . Journal of Applied Physics, 2013, 114, .	2.5	10
8	Silicon nanocrystal synthesis by implantation of natural Si isotopes. Journal of Luminescence, 2010, 130, 669-673.	3.1	9
9	Trapping of diffusing germanium by silicon excess co-implanted into fused silica. Applied Physics Letters, 2012, 101, .	3.3	8
10	Blocking germanium diffusion inside silicon dioxide using a co-implanted silicon barrier. Journal of Applied Physics, 2018, 123, .	2.5	5
11	Chemical preservation of tail feathers from <i>Anchiornis huxleyi</i> , a theropod dinosaur from the Tiaojishan Formation (Upper Jurassic, China). Palaeontology, 2020, 63, 841-863.	2.2	4
12	Influence of oxygen co-implantation on germanium out-diffusion and nanoclustering in $\text{SiO}_2/\text{Si}$ films. Thin Solid Films, 2022, 746, 139135.	1.8	4
13	Control of germanium diffusion using low quantities of co-implanted silicon isotopes. Journal of Applied Physics, 2020, 128, 125705.	2.5	3
14	Ionodeterioration of the silicon nanocrystal photoluminescence. Journal of Applied Physics, 2011, 110, 114904.	2.5	2
15	$^{18}\text{O}(p,\hat{1}\pm)^{15}\text{N}$ isotopic tracing of germanium diffusion in $\text{SiO}_2/\text{Si}$ films. Journal of Applied Physics, 2021, 130, .	2.5	2