

# Guy Terwagne

## List of Publications by Year in descending order

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15  
papers

139  
citations

1163117

8  
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1199594

12  
g-index

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15  
docs citations

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times ranked

91  
citing authors

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