

# Kanagasundar Appusamy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11533166/publications.pdf>

Version: 2024-02-01

8  
papers

117  
citations

1478505  
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g-index

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docs citations

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times ranked

184  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnesium as a Novel UV Plasmonic Material for Fluorescence Decay Rate Engineering in Free Solution. <i>Journal of Physical Chemistry C</i> , 2017, 121, 11650-11657.	3.1	37
2	Low-loss magnesium films for plasmonics. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2014, 181, 77-85.	3.5	22
3	Mg thin films with Al seed layers for UV plasmonics. <i>Journal Physics D: Applied Physics</i> , 2015, 48, 184009.	2.8	18
4	Influence of aluminum content on plasmonic behavior of Mg-Al alloy thin films. <i>Optical Materials Express</i> , 2016, 6, 3180.	3.0	12
5	Effect of Ga Implantation and Hole Geometry on Light Transmission through Nanohole Arrays in Al and Mg. <i>Journal of Physical Chemistry C</i> , 2018, 122, 10535-10544.	3.1	12
6	Electrolytic reduction of liquid metal oxides and its application to reconfigurable structured devices. <i>Scientific Reports</i> , 2015, 5, 8637.	3.3	10
7	Gallium platinum alloys “a new material system for UV plasmonics. <i>Optical Materials Express</i> , 2017, 7, 2880.	3.0	5
8	UV-visible transmission through nanohole arrays in aluminum and magnesium. <i>Proceedings of SPIE</i> , 2016, , .	0.8	1