

# Clément Guillaume

## List of Publications by Year in descending order

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12  
papers

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citations

1163065

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1281846

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docs citations

12  
times ranked

113  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of post annealing treatments on the luminescence of rare earth ions in ZnO:Tb,Eu/Si heterojunction. Applied Surface Science, 2021, 556, 149754.	6.1	16
2	Transformations in the photoluminescent, electrical and structural properties of Tb <sup>3+</sup> and Eu <sup>3+</sup> co-doped ZnO films under high-temperature annealing. Journal of Luminescence, 2020, 217, 116739.	3.1	9
3	Optical, structural and electrical characterization of pure ZnO films grown on p-type Si substrates by radiofrequency magnetron sputtering in different atmospheres. Semiconductor Science and Technology, 2020, 35, 095034.	2.0	6
4	Redistribution of Tb and Eu ions in ZnO films grown on different substrates under thermal annealing and its impact on Tb-Eu energy transfer. Applied Surface Science, 2020, 528, 146913.	6.1	11
5	Toward RGB LEDs based on rare earth-doped ZnO. Nanotechnology, 2020, 31, 465207.	2.6	13
6	Influence of annealing on luminescence and energy transfer in ZnO multilayer structure co-doped with Tb and Eu. Thin Solid Films, 2019, 692, 137634.	1.8	5
7	Investigation of undoped and Tb-doped ZnO films on Al <sub>2</sub> O <sub>3</sub> substrate by infrared reflection method. Thin Solid Films, 2019, 673, 136-140.	1.8	9
8	Photoluminescence, conductivity and structural study of terbium doped ZnO films grown on different substrates. Materials Science in Semiconductor Processing, 2019, 94, 51-56.	4.0	12
9	Light-activated electroforming in ITO/ZnO/p-Si resistive switching devices. Applied Physics Letters, 2019, 115, .	3.3	10
10	Enhancing Blue Emission in Ce Doped Silicon Oxynitrides Based Electroluminescent Devices. ECS Journal of Solid State Science and Technology, 2019, 8, R157-R163.	1.8	1
11	Thermal Treatments and Photoluminescence Properties of ZnO and ZnO:Yb Films Grown by Magnetron Sputtering. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1800203.	1.8	7
12	Resistive switching and charge transport mechanisms in ITO/ZnO/p-Si devices. Applied Physics Letters, 2018, 113, .	3.3	12