

# Jean-Claude Auger

## List of Publications by Year in descending order

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15  
papers

293  
citations

840776

11  
h-index

1125743

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

209  
citing authors

#	ARTICLE	IF	CITATIONS
1	A transfer matrix approach to local field calculations in multiple-scattering problems. Journal of Modern Optics, 2002, 49, 2129-2152.	1.3	57
2	Observations and calculations of light scattering from clusters of spheres. Applied Optics, 2000, 39, 6873.	2.1	40
3	Angularly resolved light scattering from aerosolized spores: observations and calculations. Optics Letters, 2007, 32, 3358.	3.3	30
4	Scattering efficiency of clusters composed by aggregated spheres. Journal of Quantitative Spectroscopy and Radiative Transfer, 2003, 79-80, 521-531.	2.3	29
5	Theoretical study of the scattering efficiency of rutile titanium dioxide pigments as a function of their spatial dispersion. Journal of Coatings Technology Research, 2009, 6, 89-97.	2.5	26
6	A recursive centered T-matrix algorithm to solve the multiple scattering equation: numerical validation. Journal of Quantitative Spectroscopy and Radiative Transfer, 2003, 79-80, 533-547.	2.3	19
7	Individual and aggregate scattering matrices and crosssections: conservation laws and reciprocity. Journal of Modern Optics, 2001, 48, 2105-2128.	1.3	19
8	Scattering matrix of arbitrarily shaped objects: combining finite elements and vector partial waves. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2018, 35, 1401.	1.5	18
9	Scattering efficiency of aggregated clusters of spheres: dependence on configuration and composition. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2005, 22, 2700.	1.5	14
10	Scattering properties of rutile pigments located eccentrically within microvoids. Journal of Quantitative Spectroscopy and Radiative Transfer, 2001, 70, 675-695.	2.3	13
11	Absorption and scattering properties of dense ensembles of nonspherical particles. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2007, 24, 3508.	1.5	12
12	Optical properties of an eccentrically located pigment within an air bubble. Progress in Organic Coatings, 2004, 49, 74-83.	3.9	10
13	Local field intensity in aggregates illuminated by diffuse light: T matrix approach. Applied Optics, 2008, 47, 2897.	2.1	6
14	Elastic-Light Scattering for the Characterization of Respirable Aerosols. , 2007, , .		0
15	Elastic-light scattering for the characterization of respirable aerosols. , 2007, , .		0