Jean-Claude Auger

List of Publications by Year
in descending order

15 papers	293 citations	11 h-index	13 g-index
15 all docs	15 docs citations	15 times ranked	209 citing authors

#	Article	IF	Citations
1	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
2	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
3	Local field intensity in aggregates illuminated by diffuse light: T matrix approach. Applied Optics, 2008, 47, 2897.	2.1	6
4	Elastic-Light Scattering for the Characterization of Respirable Aerosols. , 2007, , .		0
5	Elastic-light scattering for the characterization of respirable aerosols. , 2007, , .		0
6	Angularly resolved light scattering from aerosolized spores: observations and calculations. Optics Letters, 2007, 32, 3358.	3.3	30
7	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
8	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
9	Optical properties of an eccentrically located pigment within an air bubble. Progress in Organic Coatings, 2004, 49, 74-83.	3.9	10
10	Scattering efficiency of clusters composed by aggregated spheres. Journal of Quantitative Spectroscopy and Radiative Transfer, 2003, 79-80, 521-531.	2.3	29
11	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
12	A transfer matrix approach to local field calculations in multiple-scattering problems. Journal of Modern Optics, 2002, 49, 2129-2152.	1.3	57
13	Scattering properties of rutile pigments located eccentrically within microvoids. Journal of Quantitative Spectroscopy and Radiative Transfer, 2001, 70, 675-695.	2.3	13
14	Individual and aggregate scattering matrices and crosssections: conservation laws and reciprocity. Journal of Modern Optics, 2001, 48, 2105-2128.	1.3	19
15	Observations and calculations of light scattering from clusters of spheres. Applied Optics, 2000, 39, 6873.	2.1	40