Victor P Tishkovets

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/12174750/publications.pdf

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16	405	933447 10	996975 15
papers	citations	h-index	g-index

16	16	16	199
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Scattering of electromagnetic waves by ensembles of particles and discrete random media. Journal of Quantitative Spectroscopy and Radiative Transfer, 2011, 112, 2095-2127.	2.3	74
2	Electromagnetic scattering by a morphologically complex object: Fundamental concepts and common misconceptions. Journal of Quantitative Spectroscopy and Radiative Transfer, 2011, 112, 671-692.	2.3	71
3	Coherent backscattering of light by a layer of discrete random medium. Journal of Quantitative Spectroscopy and Radiative Transfer, 2004, 86, 161-180.	2.3	46
4	Multiple scattering of light by densely packed random media of spherical particles: Dense media vector radiative transfer equation. Journal of Quantitative Spectroscopy and Radiative Transfer, 2006, 101, 54-72.	2.3	38
5	Light scattering by closely packed clusters: Shielding of particles by each other in the near field. Journal of Quantitative Spectroscopy and Radiative Transfer, 2008, 109, 2665-2672.	2.3	37
6	Approximate calculation of coherent backscattering for semi-infinite discrete random media. Journal of Quantitative Spectroscopy and Radiative Transfer, 2009, 110, 139-145.	2.3	32
7	Incoherent and coherent backscattering of light by a layer of densely packed random medium. Journal of Quantitative Spectroscopy and Radiative Transfer, 2007, 108, 454-463.	2.3	22
8	Coherent backscattering by discrete random media composed of clusters of spherical particles. Journal of Quantitative Spectroscopy and Radiative Transfer, 2013, 127, 192-206.	2.3	19
9	Coherent backscattering: Conceptions and misconceptions (reply to comments by Bruce W. Hapke and) Tj ETQq1 1 0.784314 rgBT /Ov	2.3	18
10	Light scattering by densely packed systems of particles: near-field effects. , 2013, , 3-36.		14
11	On applicability of the far-field approximation to the analysis of light scattering by particulate media. Journal of Quantitative Spectroscopy and Radiative Transfer, 2016, 182, 24-34.	2.3	11
12	Light scattering by aggregates of varying porosity and the opposition phenomena observed in the low-albedo particulate media. Journal of Quantitative Spectroscopy and Radiative Transfer, 2011, 112, 2226-2233.	2.3	10
13	Rebuttal to comment on â€œModeling of opposition effects with ensembles of clusters: Interplay of various scattering mechanismsâ€•by Elena V. Petrova, Victor P. Tishkovets, Klaus Jockers, 2007 [Icarus 188, 233â€“245]. Icarus, 2008, 194, 853-856.	2.5	7
14	An algorithm and codes for fast computations of the opposition effects in a semi-infinite discrete random medium. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 255, 107252.	2.3	3
15	RADIATION DIFFUSE SCATTERING BY A DENSELY PACKED LAYER OF SPHERICAL PARTICLES. Radio Physics and Radio Astronomy, 2010, 1, 69-77.	0.3	2
16	A Cross-Check of the Reflectance Models to Be Used in Interpretation of Observations of Regolith-Like Surfaces. Frontiers in Remote Sensing, 2022, 3, .	3.5	1