

Application of thin films to solar energy utilization

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Selective black absorbers using MgO/Au cermet films. Applied Physics Letters, 1976, 29, 478-480.	3.3	84
2	The unusual and useful optical properties of electrodeposited chrome-black films. Journal Physics D: Applied Physics, 1977, 10, 1863-1869.	2.8	35
3	Selective absorption of solar energy in ultrafine chromium particles. Applied Physics Letters, 1977, 31, 665-666.	3.3	18
4	Selective black absorbers using rf-sputtered Cr ₂ O ₃ /Cr cermet films. Applied Physics Letters, 1977, 30, 511-513.	3.3	90
5	Survey of selective absorber coatings for solar energy technology. Journal of Energy, 1977, 1, 100-107.	0.2	18
6	Optical properties and selective solar absorption of composite material films. Thin Solid Films, 1977, 45, 9-18.	1.8	64
7	Some chemical aspects of solar energy utilization. Journal of Solid State Chemistry, 1977, 22, 31-39.	2.9	3
8	Black germanium solar selective absorber surfaces. Thin Solid Films, 1978, 54, 149-157.	1.8	35
9	Growth and properties of low resistivity CdS films. Thin Solid Films, 1978, 55, 413-419.	1.8	17
10	Selective-black absorbers using sputtered cermet films. Thin Solid Films, 1978, 54, 139-148.	1.8	40
11	Selective electroplated chromium blacks. Applied Optics, 1978, 17, 2637.	2.1	30
12	Ultrafine chromium particles for photothermal conversion of solar energy. Journal of Applied Physics, 1978, 49, 3512-3520.	2.5	49
14	SELECTIVE COATINGS FOR SOLAR ENERGY CONVERSION. , 1978, , 842-844.		1
15	Analysis of chrome-black solar absorber surfaces. Journal of Applied Physics, 1979, 50, 4791-4793.	2.5	10
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17	Matériaux sélectifs pour la conversion photothermique de l'énergie solaire. Revue De Physique Appliquée, 1979, 14, 67-80.	0.4	24
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19	Thermal degradation of chromium black solar selective absorbers. Solar Energy Materials and Solar Cells, 1979, 2, 167-176.	0.4	23

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21	Chromium black coatings for photothermal conversion of solar energy, Part II: Optical properties. Solar Energy Materials and Solar Cells, 1979, 1, 201-213.	0.4	18
22	Metal/insulator composite selective absorbers. Solar Energy Materials and Solar Cells, 1979, 1, 105-124.	0.4	103
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25	Application of the resonant $^{52}\text{Cr}(p, ^3\text{He})^{53}\text{Mn}$ reaction to the measurement of chromium depth distributions. Nuclear Instruments & Methods, 1979, 159, 407-411.	1.2	8
26	A study of selective electroplated chrome blacks. Thin Solid Films, 1979, 57, 309-314.	1.8	8
27	Chromium black coatings for photothermal conversion of solar energy, part I: Preparation and structural characterization. Solar Energy Materials and Solar Cells, 1979, 1, 189-200.	0.4	29
28	The surface microstructure optical properties relationship in solar absorbers: black chrome. Solar Energy Materials and Solar Cells, 1979, 1, 69-79.	0.4	64
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33	Spectrally selective surfaces and their impact on photothermal solar energy conversion. Topics in Applied Physics, 1979, , 5-55.	0.8	44
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39	Retarding crystallization of CVD amorphous silicon by alloying. Journal of Non-Crystalline Solids, 1980, 35-36, 213-218.	3.1	31
40	Nickel pigmented anodic aluminum oxide for selective absorption of solar energy. Journal of Applied Physics, 1980, 51, 754-764.	2.5	174
41	Radiative heating and cooling with spectrally selective surfaces. Applied Optics, 1981, 20, 2606.	2.1	249
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52	The selective solar properties of oxide films grown in-situ cobalt and cobalt alloys. Solar Energy Materials and Solar Cells, 1984, 11, 299-310.	0.4	3
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54	Cr/SiO on Cu solar selective absorbers. Solar Energy Materials and Solar Cells, 1985, 12, 199-209.	0.4	16
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66	Black chromium coatings : experimental and calculated optical properties using inhomogeneous medium theories. Journal De Physique, 1979, 40, 1093-1103.	1.8	20
67	SELECTIVE ABSORPTION OF SOLAR ENERGY BY ULTRAFINE METAL PARTICLES. , 1978, , 870-874.		0
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