Gerko Oskam

List of Publications by Citations

142 papers	6,511 citations	38 h-index	78 g-index
161 ext. papers	7,056 ext. citations	4.2 avg, IF	5.72 L-index

#	Paper	IF	Citations
142	Phase-pure TiO(2) nanoparticles: anatase, brookite and rutile. *Nanotechnology*, **2008**, 19, 145605	3.4	821
141	Electron Transport in Porous Nanocrystalline TiO2Photoelectrochemical Cells. *The Journal of Physical Chemistry*, **1996**, 100, 17021-17027		364
140	Pseudohalogens for Dye-Sensitized TiO2 Photoelectrochemical Cells. *Journal of Physical Chemistry B*, **2001**, 105, 6867-6873	3.4	321
139	Electrochemical deposition of metals onto silicon. *Journal Physics D: Applied Physics*, **1998**, 31, 1927-1949	3	319
138	The Growth Kinetics of TiO2Nanoparticles from Titanium(IV) Alkoxide at High Water/Titanium Ratio. *Journal of Physical Chemistry B*, **2003**, 107, 1734-1738	3.4	282
137	Influence of solvent on the growth of ZnO nanoparticles. *Journal of Colloid and Interface Science*, **2003**, 263, 454-60	9.3	274
136	A Solid State, Dye Sensitized Photoelectrochemical Cell. *The Journal of Physical Chemistry*, **1995**, 99, 17071-17073		264
135	Epitaxial Assembly in Aged Colloids. *Journal of Physical Chemistry B*, **2001**, 105, 2177-2182	3.4	228
134	Metal oxide nanoparticles: synthesis, characterization and application. *Journal of Sol-Gel Science and Technology*, **2006**, 37, 161-164	2.3	218
133	Dye-sensitized solar cells with natural dyes extracted from achiote seeds. *Solar Energy Materials and Solar Cells*, **2010**, 94, 40-44	6.4	194
132	Electrical and optical properties of porous nanocrystalline TiO2 films. *The Journal of Physical Chemistry*, **1995**, 99, 11974-11980		155
131	The Influence of Anion on the Coarsening Kinetics of ZnO Nanoparticles. *Journal of Physical Chemistry B*, **2003**, 107, 3124-3130	3.4	129
130	Coarsening of metal oxide nanoparticles. *Physical Review E*, **2002**, 66, 011403	2.4	118
129	Dye-sensitized SnO2 electrodes with iodide and pseudohalide redox mediators. *Journal of Physical Chemistry B*, **2005**, 109, 937-43	3.4	113
128	Electrochemical Deposition of Copper on n-Si/TiN. *Journal of the Electrochemical Society*, **1999**, 146, 1436-1441	3.9	107
127	Electron Diffusion and Back Reaction in Dye-Sensitized Solar Cells: The Effect of Nonlinear Recombination Kinetics. *Journal of Physical Chemistry Letters*, **2010**, 1, 748-751	6.4	102
126	Island growth in electrodeposition. *Journal Physics D: Applied Physics*, **2011**, 44, 443001	3	101

125	Synthesis of ZnO nanoparticles in 2-propanol by reaction with water. *Journal of Physical Chemistry B* , **2005**, 109, 11209-14	3.4	101
124	A numerical model for charge transport and recombination in dye-sensitized solar cells. *Journal of Physical Chemistry B*, **2006**, 110, 5372-8	3.4	92
123	Photovoltaic performance of nanostructured zinc oxide sensitised with xanthene dyes. *Journal of Photochemistry and Photobiology A: Chemistry*, **2008**, 200, 364-370	4.7	71
122	Electrochemistry of Gold Deposition on n-Si(100). *Journal of the Electrochemical Society*, **2000**, 147, 2199	3.9	65
121	A simple numerical model for the charge transport and recombination properties of dye-sensitized solar cells: A comparison of transport-limited and transfer-limited recombination. *Solar Energy Materials and Solar Cells*, **2010**, 94, 45-50	6.4	62
120	Antifungal coatings based on Ca(OH)2 mixed with ZnO/TiO2 nanomaterials for protection of limestone monuments. *ACS Applied Materials & Interfaces*, **2013**, 5, 1556-65	9.5	55
119	Electrochemical nucleation and growth of gold on silicon. *Surface Science*, **2000**, 446, 103-111	1.8	54
118	High throughput fabrication of mesoporous carbon perovskite solar cells. *Journal of Materials Chemistry A*, **2017**, 5, 18643-18650	13	51
117	Electrodeposition of Copper on Silicon from Sulfate Solution. *Journal of the Electrochemical Society*, **2001**, 148, C746	3.9	49
116	The Impact of the Electrical Nature of the Metal Oxide on the Performance in Dye-Sensitized Solar Cells: New Look at Old Paradigms. *Journal of Physical Chemistry C*, **2015**, 119, 3931-3944	3.8	48
115	Electrochemical nucleation and growth of copper on Si(1 1 1). *Surface Science*, **2001**, 492, 115-124	1.8	47
114	Sol□el Synthesis and Characterization of Carbon/Ceramic Composite Electrodes. *Journal of Physical Chemistry B*, **1998**, 102, 2464-2468	3.4	47
113	A reappraisal of the frequency dependence of the impedance of semiconductor electrodes. *Journal of Electroanalytical Chemistry and Interfacial Electrochemistry*, **1991**, 315, 65-85		46
112	A continuity equation for the simulation of the current-voltage curve and the time-dependent properties of dye-sensitized solar cells. *Physical Chemistry Chemical Physics*, **2012**, 14, 10285-99	3.6	45
111	Numerical Simulation of the Current□Voltage Curve in Dye-Sensitized Solar Cells. *Journal of Physical Chemistry C*, **2009**, 113, 19722-19731	3.8	44
110	In situ measurements of interface states at silicon surfaces in fluoride solutions. *Physical Review Letters*, **1996**, 76, 1521-1524	7.4	43
109	The formation of porous GaAs in HF solutions. *Applied Surface Science*, **1997**, 119, 160-168	6.7	42
108	Influence of Oxide Thickness on Nucleation and Growth of Copper on Tantalum. *Journal of the Electrochemical Society*, **2004**, 151, C369	3.9	40

107	Current-doubling, chemical etching and the mechanism of two-electron reduction reactions at GaAs. *Journal of Electroanalytical Chemistry and Interfacial Electrochemistry*, **1989**, 273, 119-131		40
106	Influence of the reactant concentrations on the synthesis of ZnO nanoparticles. *Journal of Colloid and Interface Science*, **2005**, 288, 313-6	9.3	38
105	Electrochemical fabrication of n-Si/Au Schottky junctions. *Applied Physics Letters*, **1998**, 73, 3241-3243	3.4	38
104	Homogeneous and highly controlled deposition of low viscosity inks and application on fully printable perovskite solar cells. *Science and Technology of Advanced Materials*, **2018**, 19, 1-9	7.1	35
103	Effect of a compact ZnO interlayer on the performance of ZnO-based dye-sensitized solar cells. *Solar Energy Materials and Solar Cells*, **2012**, 100, 21-26	6.4	35
102	The Potential Distribution at the Semiconductor/Solution Interface. *Journal of Physical Chemistry B*, **1998**, 102, 7793-7799	3.4	35
101	Investigation of a copper(I) biquinoline complex for application in dye-sensitized solar cells. *RSC Advances*, **2013**, 3, 23361	3.7	34
100	Energetics and Kinetics of Surface States at n-Type Silicon Surfaces in Aqueous Fluoride Solutions. *The Journal of Physical Chemistry*, **1996**, 100, 1801-1806		34
99	Influence of Brookite Impurities on the Raman Spectrum of TiO2 Anatase Nanocrystals. *Journal of Physical Chemistry C*, **2018**, 122, 19921-19930	3.8	33
98	Origin of Nonlinear Recombination in Dye-Sensitized Solar Cells: Interplay between Charge Transport and Charge Transfer. *Journal of Physical Chemistry C*, **2012**, 116, 22687-22697	3.8	33
97	Synthesis of ZnO and TiO2 nanoparticles. *Journal of Sol-Gel Science and Technology*, **2006**, 37, 157-160	2.3	32
96	Synthesis and characterization of WO3 polymorphs: monoclinic, orthorhombic and hexagonal structures. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 5526-5531	2.1	31
95	Photoelectrochemical water oxidation at electrophoretically deposited WO3 films as a function of crystal structure and morphology. *Electrochimica Acta*, **2014**, 140, 320-331	6.7	30
94	Direct Estimation of the Electron Diffusion Length in Dye-Sensitized Solar Cells. *Journal of Physical Chemistry Letters*, **2011**, 2, 1045-1050	6.4	30
93	Crystallographic aspects of pore formation in gallium arsenide and silicon. *Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties*, **1997**, 75, 525-539		29
92	Photoelectrochemical water oxidation at FTO|WO3@CuWO4 and FTO|WO3@CuWO4|BiVO4 heterojunction systems: An IMPS analysis. *Electrochimica Acta*, **2019**, 308, 317-327	6.7	27
91	The nucleation kinetics of ZnO nanoparticles from ZnCl2 in ethanol solutions. *Nanoscale*, **2010**, 2, 2710-7	7.7	27
90	Charge Transfer and Recombination Dynamics at Inkjet-Printed CuBi2O4 Electrodes for Photoelectrochemical Water Splitting. *Journal of Physical Chemistry C*, **2018**, 122, 27169-27179	3.8	27

89	Structural, optical and photocatalytic properties of ZnO nanoparticles modified with Cu. *Materials Science in Semiconductor Processing*, **2015**, 37, 87-92	4.3	25
88	Electrodeposition and characterization of nanostructured black nickel selective absorber coatings for solar thermal energy conversion. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 5553-5561	2.1	24
87	Surface Photovoltage Spectroscopy Resolves Interfacial Charge Separation Efficiencies in ZnO Dye-Sensitized Solar Cells. *Journal of Physical Chemistry C*, **2018**, 122, 2582-2588	3.8	24
86	Treatment of Parkinson's disease: nanostructured sol-gel silica-dopamine reservoirs for controlled drug release in the central nervous system. *International Journal of Nanomedicine*, **2010**, 6, 19-31	7.3	24
85	The influence of electrodeposited gold on the properties of III/V semiconductor electrodes. Part 2. A study of the impedance due to gold-related surface states at p-GaAs electrodes. *Electrochimica Acta*, **1993**, 38, 301-306	6.7	23
84	ZnO-based dye-sensitized solar cells: Effects of redox couple and dye aggregation. *Electrochimica Acta*, **2017**, 258, 396-404	6.7	22
83	Electrodeposition of copper into trenches from a citrate plating bath. *Electrochimica Acta*, **2011**, 56, 9391-9396	6.7	22
82	Electrical Properties of n-Type (III) Si in Aqueous K 4Fe (CN) 6 Solution: II. Intensity Modulated Photocurrent Spectroscopy. *Journal of the Electrochemical Society*, **1996**, 143, 2538-2543	3.9	22
81	Influence of a metallic nickel interlayer on the performance of solar absorber coatings based on black nickel electrodeposited onto copper. *Electrochimica Acta*, **2016**, 213, 460-468	6.7	22
80	Benzothiadiazole-based photosensitizers for efficient and stable dye-sensitized solar cells and 8.7% efficiency semi-transparent mini-modules. *Sustainable Energy and Fuels*, **2021**, 5, 144-153	5.8	21
79	The effect of titanium dioxide nanoparticles on antioxidant gene expression in tilapia (Oreochromis niloticus). *Journal of Nanoparticle Research*, **2014**, 16, 1	2.3	20
78	Charge transfer and recombination kinetics at WO3 for photoelectrochemical water oxidation. *Electrochimica Acta*, **2017**, 258, 900-908	6.7	20
77	Open-Circuit Voltage ( ) Enhancement in TiO-Based DSSCs: Incorporation of ZnO Nanoflowers and Au Nanoparticles. *ACS Omega*, **2020**, 5, 10977-10986	3.9	19
76	An intensity-modulated photocurrent spectroscopy study of the charge carrier dynamics of WO3/BiVO4 heterojunction systems. *Solar Energy Materials and Solar Cells*, **2020**, 208, 110378	6.4	18
75	Deposition of Au[sub x]Ag[sub 1-x]/Au[sub y]Ag[sub 1-y] Multilayers and Multisegment Nanowires. *Journal of the Electrochemical Society*, **2003**, 150, C523	3.9	18
74	Fabrication of n-type 4H-SiC/Ni junctions using electrochemical deposition. *Applied Physics Letters*, **2000**, 76, 1300-1302	3.4	18
73	Electrical Properties of n-Type (111) Si in Aqueous K 4Fe (CN) 6 Solution: I. Interface States and Recombination Impedance. *Journal of the Electrochemical Society*, **1996**, 143, 2531-2537	3.9	18
72	Controlled Release of Phenytoin from Nanostructured TiO2 Reservoirs. *Science of Advanced Materials*, **2009**, 1, 63-68	2.3	18

71	Stable inks for inkjet printing of TiO2 thin films. *Materials Science in Semiconductor Processing*, **2018**, 81, 75-81	4.3	17
70	Improving the mass transport of copper-complex redox mediators in dye-sensitized solar cells by reducing the inter-electrode distance. *Physical Chemistry Chemical Physics*, **2017**, 19, 32132-32142	3.6	17
69	What difference does a thiophene make? Evaluation of a 4,4?-bis(thiophene) functionalised 2,2?-bipyridyl copper(I) complex in a dye-sensitized solar cell. *Dyes and Pigments*, **2016**, 134, 419-426	4.6	16
68	Phase-Pure Copper Vanadate (ECuV2O6): Solution Combustion Synthesis and Characterization. *Chemistry of Materials*, **2020**, 32, 6247-6255	9.6	15
67	Mechanisms of electron transport and recombination in ZnO nanostructures for dye-sensitized solar cells. *ChemPhysChem*, **2014**, 15, 1088-97	3.2	15
66	Antifungal activity of Ca[Zn(OH)3]2□2H2O coatings for the preservation of limestone monuments: An in□vitro study. *International Biodeterioration and Biodegradation*, **2014**, 91, 1-8	4.8	15
65	The electrical and electrochemical properties of gold-plated InP. *Journal of Applied Physics*, **1993**, 74, 3238-3245	2.5	15
64	The influence of electrodeposited gold on the properties of III□V semiconductor electrodes□Part 1. Results of current□potential measurements on p-GaAs. *Electrochimica Acta*, **1993**, 38, 291-300	6.7	15
63	Influence of morphology on the performance of ZnO-based dye-sensitized solar cells. *RSC Advances*, **2016**, 6, 37424-37433	3.7	15
62	Influence of dye chemistry and electrolyte solution on interfacial processes at nanostructured ZnO in dye-sensitized solar cells. *Journal of Photochemistry and Photobiology A: Chemistry*, **2013**, 264, 26-33	4.7	14
61	Electrodeposition of selective coatings based on black nickel for flat-plate solar water heaters. *Solar Energy*, **2019**, 194, 302-310	6.8	13
60	Analysis of the impedance response due to surface states at the semiconductor/solution interface. *Journal of Applied Physics*, **1998**, 83, 4309-4323	2.5	13
59	Dye-sensitized solar cell scale-up: Influence of substrate resistance. *Journal of Renewable and Sustainable Energy*, **2016**, 8, 023704	2.5	13
58	Characterization of silicon surfaces in HF solution using microwave reflectivity. *Journal of Applied Physics*, **1998**, 83, 2112-2120	2.5	12
57	Sol-Gel Synthesis of Carbon/Silica Gel Electrodes for Lithium Intercalation. *Electrochemical and Solid-State Letters*, **1999**, 2, 610		12
56	Eco-friendly synthesis of egg-white capped silver nanoparticles for rapid, selective, and sensitive detection of Hg(II). *MRS Communications*, **2017**, 7, 695-700	2.7	10
55	Charge separation at disordered semiconductor heterojunctions from random walk numerical simulations. *Physical Chemistry Chemical Physics*, **2014**, 16, 4082-91	3.6	10
54	The influence of electrodeposited gold on the properties of III□V semiconductor electrodes□Part 3. Results on n-GaAs provided with thick gold l. *Electrochimica Acta*, **1993**, 38, 1115-1121	6.7	10

53	Brookite-Based Dye-Sensitized Solar Cells: Influence of Morphology and Surface Chemistry on Cell Performance. *Journal of Physical Chemistry C*, **2018**, 122, 14277-14288	3.8	10
52	Electrodeposited black cobalt selective coatings for application in solar thermal collectors: Fabrication, characterization, and stability. *Solar Energy*, **2020**, 207, 1132-1145	6.8	9
51	Defects in Porous Networks of WO3 Particle Aggregates. *ChemElectroChem*, **2016**, 3, 658-667	4.3	9
50	Inkjet-Printed Reduced Graphene Oxide (rGO) Films For Electrocatalytic Applications. *Journal of the Electrochemical Society*, **2019**, 166, H3279-H3285	3.9	8
49	On the use of photothermal techniques for the characterization of solar-selective coatings. *Applied Physics A: Materials Science and Processing*, **2018**, 124, 1	2.6	8
48	Electrical Characterization of Schottky Diodes Based on Inkjet-Printed TiO2 Films. *IEEE Electron Device Letters*, **2018**, 39, 1940-1943	4.4	8
47	The effect of recombination under short-circuit conditions on the determination of charge transport properties in nanostructured photoelectrodes. *Physical Chemistry Chemical Physics*, **2016**, 18, 2303-8	3.6	7
46	Forced Hydrolysis vs Self-Hydrolysis of Zinc Acetate in Ethanol and Iso-butanol. *ECS Transactions*, **2006**, 3, 23-28	1	7
45	Electrochemical Deposition of Metals on Semiconductors. *Materials Research Society Symposia Proceedings*, **1996**, 451, 257		7
44	Modulated anodization synthesis of Sn-doped iron oxide with enhanced solar water splitting performance. *Materials Today Chemistry*, **2019**, 12, 7-15	6.2	7
43	Organic dyes for the sensitization of nanostructured ZnO photoanodes: effect of the anchoring functions. *RSC Advances*, **2015**, 5, 68929-68938	3.7	6
42	Optical and thermal properties of selective absorber coatings under CSP conditions **2017**,		6
41	Influence of TiO2 Film Thickness on the Performance of Dye-Sensitized Solar Cells: Relation Between Optimum Film Thickness and Electron Diffusion Length. *Energy and Environment Focus*, **2013**, 2, 280-286		6
40	Correlation between the Effectiveness of the Electron-Selective Contact and Photovoltaic Performance of Perovskite Solar Cells. *Journal of Physical Chemistry Letters*, **2019**, 10, 877-882	6.4	5
39	Electrodeposition of ZnO for Application in Dye-sensitized Solar Cells. *Journal of New Materials for Electrochemical Systems*, **2013**, 16, 209-215	2.8	5
38	"Tailoring the TiO phases through microwave-assisted hydrothermal synthesis: Comparative assessment of bactericidal activity". *Materials Science and Engineering C*, **2020**, 117, 111290	8.3	5
37	A Critical Evaluation of the Influence of the Dark Exchange Current on the Performance of Dye-Sensitized Solar Cells. *Materials*, **2016**, 9,	3.5	5
36	Inkjet Printing as High-Throughput Technique for the Fabrication of NiCo2O4 Films. *Advances in Materials Science and Engineering*, **2017**, 2017, 1-9	1.5	4

35	Electrodeposition of Copper in Trenches From a Citrate Plating Bath. *ECS Transactions*, **2009**, 25, 195-201	1	4
34	Ab initio study of the structural stability of fcc-CHx phases. *Carbon*, **2009**, 47, 1637-1642	10.4	4
33	Electrodeposition of Ni/SiC contacts. *Journal of Applied Physics*, **2003**, 93, 10104-10109	2.5	4
32	The electrochemistry of InP in aqueous K3Cr(CN)6 solution. *Journal of Electroanalytical Chemistry*, **1992**, 326, 213-230	4.1	4
31	Photothermal Determination of Infrared Emissivity of Selective Solar Absorbing Coatings. *International Journal of Thermophysics*, **2015**, 36, 1051-1056	2.1	3
30	Electrodeposition and Characterization of Selective Coatings Based on Black Cobalt for Solar-to-Thermal Energy Conversion. *ECS Transactions*, **2015**, 69, 7-13	1	3
29	Illumination Intensity Dependence of the Recombination Mechanism in Mixed Perovskite Solar Cells. *ChemPlusChem*, **2021**, 86, 1347-1356	2.8	3
28	Impact of the implementation of a mesoscopic TiO2 film from a low-temperature method on the performance and degradation of hybrid perovskite solar cells. *Solar Energy*, **2020**, 201, 836-845	6.8	2
27	Characterization of Thermal Losses in an Evacuated Tubular Solar Collector Prototype for Medium Temperature Applications. *Energy Procedia*, **2014**, 57, 2121-2130	2.3	2
26	Performance of Porous, Nanocolumnar ZnO Electrodes Obtained at Low Temperature by Plasma-Enhanced Chemical Vapor Deposition in Dye-Sensitized Solar Cells. *Energy and Environment Focus*, **2013**, 2, 270-276		2
25	Application of Three TiO2 Polymorphs in Photoelectrochemical Solar Cells. *ECS Transactions*, **2006**, 3, 233-237	1	2
24	Transformation of Amorphous TiO2 Into Crystalline Materials. *ECS Transactions*, **2006**, 3, 47-51	1	2
23	Identification of the loss mechanisms in TiO2 and ZnO solar cells based on blue, piperidinyl-substituted, mono-anhydride perylene dyes. *Electrochimica Acta*, **2020**, 355, 136638	6.7	2
22	FDTD modeling of sputtered Mo–Al2O3 nanocomposites. *Solar Energy Materials and Solar Cells*, **2021**, 225, 111027	6.4	2
21	Characterization of Photochromic Dye Solar Cells Using Small-Signal Perturbation Techniques. *ACS Applied Energy Materials*, **2021**, 4, 8941-8952	6.1	2
20	Optical, Electrochemical, and Photoelectrochemical Behavior of Copper Pyrovanadate: A Unified Theoretical and Experimental Study. *Journal of Physical Chemistry C*, **2021**, 125, 19609-19620	3.8	2
19	ZnO-based dye-sensitized solar cells **2019**, 145-204		1
18	Simulated annealing and finite volume method to study the microstructure isotropy effect on the effective transport coefficient of a 2D unidirectional composite. *Materials Today Communications*, **2020**, 24, 101343	2.5	1

17	Numerical Simulation to Determine the Effect of Topological Entropy on the Effective Transport Coefficient of Unidirectional Composites. *Crystals*, **2020**, 10, 423	2.3	1
16	Influence of Polyethylene Glycol on the Morphology of Electrodeposited ZnO Films for Dye-Sensitized Solar Cells. *ECS Transactions*, **2012**, 41, 47-53	1	1
15	Extraction and Characterization of Natural Dyes Applied to ZnO-based DSSC. *Materials Research Society Symposia Proceedings*, **2013**, 1537, 1		1
14	Characterization of the Silicon / Fluoride Solution Interface by In-Situ Microwave Reflectivity. *Materials Research Society Symposia Proceedings*, **1996**, 451, 197		1
13	Strategies towards Cost Reduction in the Manufacture of Printable Perovskite Solar Modules. *Energies*, **2022**, 15, 641	3.1	1
12	Determination of the nonradiative conversion efficiency of lead mixed-halide perovskites using optical and photothermal spectroscopy. *Applied Optics*, **2020**, 59, D201-D209	1.7	1
11	Sputter deposition of Mo-alumina cermet solar selective coatings: Interrelation between residual oxygen incorporation, structure and optical properties. *Materials Research Express*, **2021**, 8, 105506	1.7	1
10	Fabrication of copper cobaltite films by drop-on-demand inkjet printing. *Materials Letters*, **2021**, 290, 129499	3.3	1
9	Electrodeposition of cobalt-manganese oxide selective coatings for solar-thermal applications. *Electrochimica Acta*, **2021**, 391, 138906	6.7	1
8	Effects of UV-Vis Irradiation on Vanadium Etioporphyrins Extracted from Crude Oil and the Role of Nanostructured Titania. *International Journal of Photoenergy*, **2014**, 2014, 1-9	2.1	0
7	Relation Between the Morphology of Electrodeposited ZnO Films and the Efficiency of Dye-Sensitized Solar Cells. *ECS Transactions*, **2009**, 25, 45-50	1	
6	Application of correction algorithms for obtaining high-resolution LBIC maps of dye-sensitized solar cells **2006**, 6197, 178		
5	Synthesis and characterization of TiO 2 nanoparticles: anatase, brookite, and rutile **2007**, 6650, 204		
4	Charge Transfer and Recombination Processes at p-CuBi2O4 Photoelectrodes. *ECS Meeting Abstracts*, **2020**, MA2020-02, 3883-3883	0	
3	Synthesis and Characterization of Metal Oxide Nanoparticles **2003**, 149-156		
2	Correction: The effect of recombination under short-circuit conditions on the determination of charge transport properties in nanostructured photoelectrodes. *Physical Chemistry Chemical Physics*, **2016**, 18, 14139	3.6	
1	Electrodeposition of Simonkolleite as a Low-Temperature Route to Crystalline ZnO Films for Dye-Sensitized Solar Cells. *Journal of the Electrochemical Society*, **2022**, 169, 042504	3.9	