

Dina Fattakhova-Rohlfing

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128
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66
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150
ext. papers

5,383
ext. citations

8.6
avg, IF

5.6
L-index

#	Paper	IF	Citations
128	Iron-doped nickel oxide nanocrystals as highly efficient electrocatalysts for alkaline water splitting. <i>ACS Nano</i> , 2015 , 9, 5180-8	16.7	362
127	Three-dimensional titanium dioxide nanomaterials. <i>Chemical Reviews</i> , 2014 , 114, 9487-558	68.1	295
126	Ultrasmall Dispersible Crystalline Nickel Oxide Nanoparticles as High-Performance Catalysts for Electrochemical Water Splitting. <i>Advanced Functional Materials</i> , 2014 , 24, 3123-3129	15.6	257
125	Oriented Films of Conjugated 2D Covalent Organic Frameworks as Photocathodes for Water Splitting. <i>Journal of the American Chemical Society</i> , 2018 , 140, 2085-2092	16.4	217
124	Highly crystalline WO ₃ thin films with ordered 3D mesoporosity and improved electrochromic performance. <i>Small</i> , 2006 , 2, 1203-11	11	165
123	Highly Organized Mesoporous TiO ₂ Films with Controlled Crystallinity: A Li-Insertion Study. <i>Advanced Functional Materials</i> , 2007 , 17, 123-132	15.6	150
122	Nonaqueous Synthesis of Uniform Indium Tin Oxide Nanocrystals and Their Electrical Conductivity in Dependence of the Tin Oxide Concentration. <i>Chemistry of Materials</i> , 2006 , 18, 2848-2854	9.6	147
121	Nanoscale porous framework of lithium titanate for ultrafast lithium insertion. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 7459-63	16.4	144
120	Tin doping speeds up hole transfer during light-driven water oxidation at hematite photoanodes. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 24610-20	3.6	136
119	Niobium-doped titania nanoparticles: synthesis and assembly into mesoporous films and electrical conductivity. <i>ACS Nano</i> , 2010 , 4, 5373-81	16.7	130
118	Highly Conducting Nanosized Monodispersed Antimony-Doped Tin Oxide Particles Synthesized via Nonaqueous Sol-Gel Procedure. <i>Chemistry of Materials</i> , 2009 , 21, 5229-5236	9.6	127
117	Ultrasmall titania nanocrystals and their direct assembly into mesoporous structures showing fast lithium insertion. <i>Journal of the American Chemical Society</i> , 2010 , 132, 12605-11	16.4	111
116	Lithium Insertion into Mesoscopic and Single-Crystal TiO ₂ (Rutile) Electrodes. <i>Journal of the Electrochemical Society</i> , 1999 , 146, 1375-1379	3.9	95
115	Functionalized mesoporous silica films as a matrix for anchoring electrochemically active guests. <i>Langmuir</i> , 2005 , 21, 11320-9	4	92
114	Tailoring the morphology of mesoporous titania thin films through biotemplating with nanocrystalline cellulose. <i>Journal of the American Chemical Society</i> , 2014 , 136, 5930-7	16.4	90
113	Brick and Mortar Strategy for the Formation of Highly Crystalline Mesoporous Titania Films from Nanocrystalline Building Blocks. <i>Chemistry of Materials</i> , 2009 , 21, 1260-1265	9.6	85
112	A garnet structure-based all-solid-state Li battery without interface modification: resolving incompatibility issues on positive electrodes. <i>Sustainable Energy and Fuels</i> , 2019 , 3, 280-291	5.8	81

111	Formation of interpenetrating hierarchical titania structures by confined synthesis in inverse opal. <i>Journal of the American Chemical Society</i> , 2011 , 133, 17274-82	16.4	81
110	Zinc Ferrite Photoanode Nanomorphologies with Favorable Kinetics for Water-Splitting. <i>Advanced Functional Materials</i> , 2016 , 26, 4435-4443	15.6	81
109	Transparent Conducting Films of Indium Tin Oxide with 3D Mesopore Architecture. <i>Advanced Materials</i> , 2006 , 18, 2980-2983	24	77
108	Rock Salt Ni/Co Oxides with Unusual Nanoscale-Stabilized Composition as Water Splitting Electrocatalysts. <i>Advanced Functional Materials</i> , 2017 , 27, 1605121	15.6	59
107	Transparent conducting films of antimony-doped tin oxide with uniform mesostructure assembled from preformed nanocrystals. <i>Small</i> , 2010 , 6, 633-7	11	59
106	Ion-Permeable pH-Switchable Mesoporous Silica Thin Layers. <i>Chemistry of Materials</i> , 2007 , 19, 1640-1647	16.7	59
105	Lithium insertion into self-organized mesoscopic TiO ₂ (anatase) electrodes. <i>Solid State Ionics</i> , 2000 , 135, 101-106	3.3	55
104	Tin Oxide Based Nanomaterials and Their Application as Anodes in Lithium-Ion Batteries and Beyond. <i>ChemSusChem</i> , 2019 , 12, 4140-4159	8.3	51
103	Atomic-Layer-Deposited Aluminum and Zirconium Oxides for Surface Passivation of TiO ₂ in High-Efficiency Organic Photovoltaics. <i>Advanced Energy Materials</i> , 2014 , 4, 1400214	21.8	48
102	Efficient OER Catalyst with Low Ir Volume Density Obtained by Homogeneous Deposition of Iridium Oxide Nanoparticles on Macroporous Antimony-Doped Tin Oxide Support. <i>Advanced Functional Materials</i> , 2020 , 30, 1906670	15.6	48
101	Black Magic in Gray Titania: Noble-Metal-Free Photocatalytic H ₂ Evolution from Hydrogenated Anatase. <i>ChemSusChem</i> , 2017 , 10, 62-67	8.3	47
100	Low-Temperature Synthesis of Mesoporous Titania/Silica Films with Pre-Formed Anatase Nanocrystals. <i>Chemistry of Materials</i> , 2009 , 21, 2410-2417	9.6	47
99	Li Insertion into Li-Ti-O Spinel: Voltammetric and Electrochemical Impedance Spectroscopy Study. <i>Journal of the Electrochemical Society</i> , 2001 , 148, A1045	3.9	47
98	Water-Dispersible Small Monodisperse Electrically Conducting Antimony Doped Tin Oxide Nanoparticles. <i>Chemistry of Materials</i> , 2015 , 27, 1090-1099	9.6	45
97	Crystallization of indium tin oxide nanoparticles: from cooperative behavior to individuality. <i>Small</i> , 2007 , 3, 310-7	11	45
96	Electrochemical charging and electrocatalysis at hybrid films of polymer-interconnected polyoxometallate-stabilized carbon submicroparticles. <i>Journal of Solid State Electrochemistry</i> , 2006 , 10, 168-175	2.6	45
95	Spray Deposition of Titania Films with Incorporated Crystalline Nanoparticles for All-Solid-State Dye-Sensitized Solar Cells Using P3HT. <i>Advanced Functional Materials</i> , 2016 , 26, 1498-1506	15.6	44
94	Electron collection in host-guest nanostructured hematite photoanodes for water splitting: the influence of scaffold doping density. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 4623-30	9.5	41

93	Zintl Clusters as Wet-Chemical Precursors for Germanium Nanomorphologies with Tunable Composition. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2441-5	16.4	40
92	Solvothermal synthesis and electrochemical behavior of nanocrystalline cubic LiTiO ₃ oxides with cationic disorder. <i>Solid State Ionics</i> , 2005 , 176, 1877-1885	3.3	39
91	Preparation and characterization of polyoxometalate-modified carbon nanosheets. <i>Carbon</i> , 2006 , 44, 1942-1948	10.4	38
90	Lithium insertion into titanium dioxide (anatase) electrodes: microstructure and electrolyte effects. <i>Journal of Solid State Electrochemistry</i> , 2001 , 5, 196-204	2.6	34
89	Electrochemical Activity of Hydrothermally Synthesized Li-Ti-O Cubic Oxides toward Li Insertion. <i>Journal of the Electrochemical Society</i> , 2002 , 149, A1224	3.9	34
88	Why Tin-Doping Enhances the Efficiency of Hematite Photoanodes for Water Splitting: The Full Picture. <i>Advanced Functional Materials</i> , 2018 , 28, 1804472	15.6	33
87	In situ study of spray deposited titania photoanodes for scalable fabrication of solid-state dye-sensitized solar cells. <i>Nano Energy</i> , 2017 , 40, 317-326	17.1	32
86	Macroporous indium tin oxide electrode layers as conducting substrates for immobilization of bulky electroactive guests. <i>Electrochimica Acta</i> , 2014 , 140, 108-115	6.7	30
85	Assembly of mesoporous indium tin oxide electrodes from nano-hydroxide building blocks. <i>Chemical Science</i> , 2012 , 3, 2367	9.4	29
84	Making Ultrafast High-Capacity Anodes for Lithium-Ion Batteries via Antimony Doping of Nanosized Tin Oxide/Graphene Composites. <i>Advanced Functional Materials</i> , 2018 , 28, 1706529	15.6	26
83	Multilayered High Surface Area Brick and Mortar Mesoporous Titania Films as Efficient Anodes in Dye-Sensitized Solar Cells. <i>Chemistry of Materials</i> , 2012 , 24, 659-663	9.6	25
82	Electric-field-tunable defect mode in one-dimensional photonic crystal operating in the terahertz range. <i>Applied Physics Letters</i> , 2013 , 102, 241106	3.4	25
81	Charge Transport in TiO ₂ Films With Complex Percolation Pathways Investigated by Time-Resolved Terahertz Spectroscopy. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2013 , 3, 302-313	3.4	25
80	Nanostructured Antimony-Doped Tin Oxide Layers with Tunable Pore Architectures as Versatile Transparent Current Collectors for Biophotovoltaics. <i>Advanced Functional Materials</i> , 2016 , 26, 6682-6692	15.6	24
79	Ultrasmall Co ₃ O ₄ Nanocrystals Strongly Enhance Solar Water Splitting on Mesoporous Hematite. <i>Advanced Materials Interfaces</i> , 2015 , 2, 1500358	4.6	24
78	Interaction of Fructose Dehydrogenase with a Sulfonated Polyaniline: Application for Enhanced Bioelectrocatalysis. <i>ACS Catalysis</i> , 2015 , 5, 2081-2087	13.1	23
77	Highly soluble energy relay dyes for dye-sensitized solar cells. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 11306-12	3.6	23
76	Dual absorber Fe ₂ O ₃ /WO ₃ host-guest architectures for improved charge generation and transfer in photoelectrochemical applications. <i>Materials Research Express</i> , 2017 , 4, 016409	1.7	22

75	Tuning of dielectric properties of SrTiO ₃ in the terahertz range. <i>Physical Review B</i> , 2011 , 84,	3.3	22
74	Nanocellulose-Templated Porous Titania Scaffolds Incorporating Presynthesized Titania Nanocrystals. <i>Chemistry of Materials</i> , 2015 , 27, 6205-6212	9.6	21
73	In Situ Study of Degradation in P3HT/Titania-Based Solid-State Dye-Sensitized Solar Cells. <i>ACS Energy Letters</i> , 2017 , 2, 991-997	20.1	19
72	Insertion of lithium into mesoscopic anatase electrodes – An electrochemical and in-situ EQCM study. <i>Journal of Solid State Electrochemistry</i> , 1997 , 1, 83-87	2.6	19
71	Low temperature sintering of fully inorganic all-solid-state batteries – Impact of interfaces on full cell performance. <i>Journal of Power Sources</i> , 2021 , 482, 228905	8.9	19
70	Tuning the crystallinity parameters in macroporous titania films. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 6504	13	18
69	Ultrafast terahertz photoconductivity in nanocrystalline mesoporous TiO ₂ films. <i>Applied Physics Letters</i> , 2010 , 96, 062103	3.4	18
68	Physical Vapor Deposition in Solid-State Battery Development: From Materials to Devices. <i>Advanced Science</i> , 2021 , 8, e2002044	13.6	18
67	Zintl Clusters as Wet-Chemical Precursors for Germanium Nanomorphologies with Tunable Composition. <i>Angewandte Chemie</i> , 2016 , 128, 2487-2491	3.6	17
66	Covalent immobilization of redox protein within the mesopores of transparent conducting electrodes. <i>Electrochimica Acta</i> , 2014 , 116, 1-8	6.7	17
65	Conductivity Mechanisms in Sb-Doped SnO ₂ Nanoparticle Assemblies: DC and Terahertz Regime. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 19485-19495	3.8	16
64	A wet-chemical route for macroporous inverse opal Ge anodes for lithium ion batteries with high capacity retention. <i>Sustainable Energy and Fuels</i> , 2018 , 2, 85-90	5.8	16
63	Nanoscale Porous Framework of Lithium Titanate for Ultrafast Lithium Insertion. <i>Angewandte Chemie</i> , 2012 , 124, 7577-7581	3.6	16
62	Electron-Blocking and Oxygen Evolution Catalyst Layers by Plasma-Enhanced Atomic Layer Deposition of Nickel Oxide. <i>Advanced Materials Interfaces</i> , 2018 , 5, 1701531	4.6	15
61	Nanocellulose-assisted formation of porous hematite nanostructures. <i>Inorganic Chemistry</i> , 2015 , 54, 1129-35	5.1	14
60	Illumination-induced properties of highly ordered mesoporous TiO ₂ layers with controlled crystallinity. <i>Thin Solid Films</i> , 2007 , 515, 6541-6543	2.2	14
59	Tuning the Conduction Mechanism in Niobium-Doped Titania Nanoparticle Networks. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 6968-6974	3.8	13
58	Electrode layers for electrochemical applications based on functionalized mesoporous silica films. <i>Sensors and Actuators B: Chemical</i> , 2007 , 126, 78-81	8.5	13

57	Cellulose Nanocrystal-Templated Tin Dioxide Thin Films for Gas Sensing. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 12639-12647	9.5	13
56	3D-electrode architectures for enhanced direct bioelectrocatalysis of pyrroloquinoline quinone-dependent glucose dehydrogenase. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 17887-93	9.5	12
55	Stereoelectronic effects in the reactivity of electrogenerated cation radicals of arylselenides. <i>Journal of Organometallic Chemistry</i> , 2000 , 613, 220-230	2.3	12
54	The anodic acetoxylation of alkylarylselenides. <i>Tetrahedron Letters</i> , 1993 , 34, 6045-6048	2	12
53	How photocorrosion can trick you: a detailed study on low-bandgap Li doped CuO photocathodes for solar hydrogen production. <i>Nanoscale</i> , 2020 , 12, 7766-7775	7.7	11
52	The electrochemical oxidation of β -alkyl-substituted arylsulfides and arylselenides. <i>Electrochimica Acta</i> , 1998 , 43, 1811-1819	6.7	11
51	Electrochemical oxygenation of diorganoyldichlorosilanes: a novel route to generation of diorganylsilanones. <i>Journal of Organometallic Chemistry</i> , 2000 , 613, 170-176	2.3	11
50	Controlling the lithium proton exchange of LLZO to enable reproducible processing and performance optimization. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 4831-4840	13	11
49	Nanostructured Ternary FeCrAl Oxide Photocathodes for Water Photoelectrolysis. <i>Journal of the American Chemical Society</i> , 2016 , 138, 1860-7	16.4	10
48	Thick titania films with hierarchical porosity assembled from ultrasmall titania nanoparticles as photoanodes for dye-sensitized solar cells. <i>New Journal of Chemistry</i> , 2014 , 38, 1996-2001	3.6	10
47	Scanning Tunneling Microscopy of Electrode Surfaces Using Carbon Composite Tips. <i>Electroanalysis</i> , 2007 , 19, 121-128	3	10
46	Black phosphorus-arsenic alloys for lithium ion batteries. <i>FlatChem</i> , 2020 , 19, 100143	5.1	10
45	Ceramics for electrochemical storage 2020 , 549-709		10
44	Dendrite-tolerant all-solid-state sodium batteries and an important mechanism of metal self-diffusion. <i>Journal of Power Sources</i> , 2020 , 476, 228666	8.9	10
43	Tunable dielectric properties of KTaO ₃ single crystals in the terahertz range. <i>Journal Physics D: Applied Physics</i> , 2016 , 49, 065306	3	10
42	Carbon-templated conductive oxide supports for oxygen evolution catalysis. <i>Nanoscale</i> , 2019 , 11, 14285-14293	7.1	7
41	A facile synthesis of mesoporous crystalline tin oxide films involving a base-triggered formation of sol-gel building blocks. <i>Nanoscale</i> , 2011 , 3, 1234-9	7.7	7
40	Sn-Doped Hematite for Photoelectrochemical Water Splitting: The Effect of Sn Concentration. <i>Zeitschrift Fur Physikalische Chemie</i> , 2020 , 234, 683-698	3.1	7

39	Carbonaceous Oxygen Evolution Reaction Catalysts: From Defect and Doping-Induced Activity over Hybrid Compounds to Ordered Framework Structures. <i>Small</i> , 2021 , 17, e2007484	11	7
38	Antimony doped tin oxide nanoparticles and their assembly in mesostructured film. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2011 , 8, 1759-1763		6
37	Template-assisted preparation of films of transparent conductive indium tin oxide. <i>Superlattices and Microstructures</i> , 2008 , 44, 686-692	2.8	6
36	Recycling Strategies for Ceramic All-Solid-State Batteries Part I: Study on Possible Treatments in Contrast to Li-Ion Battery Recycling. <i>Metals</i> , 2020 , 10, 1523	2.3	6
35	Modelling electro-chemical induced stresses in all-solid-state batteries: Anisotropy effects in cathodes and cell design optimisation. <i>Journal of Power Sources</i> , 2021 , 489, 229430	8.9	6
34	Nanosized Lithium-Rich Cobalt Oxide Particles and Their Transformation to Lithium Cobalt Oxide Cathodes with Optimized High-Rate Morphology. <i>Chemistry of Materials</i> , 2019 , 31, 8685-8694	9.6	5
33	Flexible freestanding MoS-based composite paper for energy conversion and storage. <i>Beilstein Journal of Nanotechnology</i> , 2019 , 10, 1488-1496	3	5
32	Nonagglomerated Iron Oxyhydroxide Akaganeite Nanocrystals Incorporating Extraordinary High Amounts of Different Dopants. <i>Chemistry of Materials</i> , 2017 , 29, 7223-7233	9.6	5
31	The potential-determining reaction of electrogenerated cation radicals of diphenylselenide: dimerization versus disproportionation. <i>Electrochimica Acta</i> , 2001 , 46, 807-812	6.7	5
30	Evaluation of Scalable Synthesis Methods for Aluminum-Substituted LiLaZrO Solid Electrolytes. <i>Materials</i> , 2021 , 14,	3.5	5
29	Investigation of the pH-Dependent Impact of Sulfonated Polyaniline on Bioelectrocatalytic Activity of Xanthine Dehydrogenase. <i>ACS Catalysis</i> , 2016 , 6, 7152-7159	13.1	5
28	Investigation of Structural Changes of Cu(I) and Ag(I) Complexes Utilizing a Flexible, Yet Sterically Demanding Multidentate Phosphine Oxide Ligand. <i>Inorganic Chemistry</i> , 2021 , 60, 2437-2445	5.1	5
27	Freestanding LiFe _{0.2} Mn _{0.8} PO ₄ /rGO nanocomposites as high energy density fast charging cathodes for lithium-ion batteries. <i>Materials Today Energy</i> , 2020 , 16, 100416	7	4
26	All-inorganic core-shell silica/titania mesoporous colloidal nanoparticles showing orthogonal functionality. <i>Journal of Materials Chemistry</i> , 2011 , 21, 13817		4
25	Highly conductive titania supported iridium oxide nanoparticles with low overall iridium density as OER catalyst for large-scale PEM electrolysis. <i>Applied Materials Today</i> , 2021 , 24, 101134	6.6	4
24	Boron in Ni-Rich NCM811 Cathode Material: Impact on Atomic and Microscale Properties. <i>ACS Applied Energy Materials</i> , 2022 , 5, 524-538	6.1	4
23	Mechanism of soft solution processing formation of alkaline earth metal tungstates: an electrochemical and in situ AFM study. <i>Journal of Solid State Electrochemistry</i> , 2002 , 6, 367-373	2.6	3
22	An aminotetracyanocyclopentadienide system: light-induced formation of a thermally stable cyclopentadienyl radical. <i>New Journal of Chemistry</i> , 2020 , 44, 72-78	3.6	3

21	V(III)-Doped Nickel Oxide-Based Nanocatalysts for Electrochemical Water Splitting: Influence of Phase, Composition, and Doping on the Electrocatalytic Activity. <i>Chemistry of Materials</i> , 2020 , 32, 10394-10406 ³	9.6	0
20	Surface functionalization of mesoporous antimony doped tin oxide by metalorganic reaction. <i>Materials Chemistry and Physics</i> , 2012 , 137, 207-212	4.4	2
19	Optimization of the silylation procedure of thin mesoporous SiO ₂ films with cationic trimethylaminopropylammonium groups. <i>Studies in Surface Science and Catalysis</i> , 2007 , 165, 573-577	1.8	2
18	Free standing dual phase cathode tapes Scalable fabrication and microstructure optimization of garnet-based ceramic cathodes. <i>Journal of Materials Chemistry A</i> , 2022 , 10, 2320-2326	13	2
17	Guided in Situ Polymerization of MEH-PPV in Mesoporous Titania Photoanodes. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 10356-64	9.5	1
16	Tin Oxide Based Nanomaterials and Their Application as Anodes in Lithium-Ion Batteries and Beyond. <i>ChemSusChem</i> , 2019 , 12, 4092-4092	8.3	1
15	Charge transport in Sb-doped SnO ₂ nanoparticles studied by THz spectroscopy 2015 ,		1
14	Fabrication of thin sheets of the sodium superionic conductor Na ₅ YSi ₄ O ₁₂ with tape casting. <i>Chemical Engineering Journal</i> , 2022 , 435, 134774	14.7	1
13	Conductivity enhancement of Al- and Ta-substituted Li ₇ La ₃ Zr ₂ O ₇ solid electrolytes by nanoparticles. <i>Journal of the European Ceramic Society</i> , 2022 , 42, 1033-1041	6	1
12	The influence of hafnium impurities on the electrochemical performance of tantalum substituted Li ₇ La ₃ Zr ₂ O ₁₂ solid electrolytes. <i>Ionics</i> ,1	2.7	1
11	Polymer/Ceramic Composite Cathode with Enhanced Storage Capacity Manufactured by Field-Assisted Sintering and Infiltration. <i>ACS Applied Energy Materials</i> , 2021 , 4, 10428-10432	6.1	1
10	Co-Sintering Study of Na _{0.67} [Ni _{0.1} Fe _{0.1} Mn _{0.8}]O ₂ and NaSICON Electrolyte Paving the way to High Energy Density All-Solid-State Batteries. <i>Frontiers in Energy Research</i> , 2021 , 9,	3.8	1
9	Guidelines to correctly measure the lithium ion conductivity of oxide ceramic electrolytes based on a harmonized testing procedure. <i>Journal of Power Sources</i> , 2022 , 531, 231323	8.9	1
8	Rapid thermal sintering of screen-printed LiCoO ₂ films. <i>Thin Solid Films</i> , 2022 , 749, 139177	2.2	1
7	Overcoming the Challenges of Freestanding Tin Oxide-Based Composite Anodes to Achieve High Capacity and Increased Cycling Stability. <i>Advanced Functional Materials</i> ,2106373	15.6	0
6	Sintering of Li-garnets: Impact of Al-incorporation and powder-bed composition on microstructure and ionic conductivity. <i>Open Ceramics</i> , 2022 , 100268	3.3	0
5	Digestion processes and elemental analysis of oxide and sulfide solid electrolytes. <i>Ionics</i> ,1	2.7	0
4	Nanocellulose-Mediated Transition of Lithium-Rich Pseudo-Quaternary Metal Oxide Nanoparticles into Lithium Nickel Cobalt Manganese Oxide (NCM) Nanostructures. <i>ChemNanoMat</i> , 2020 , 6, 618-628	3.5	

- 3 Nickel Oxide: Electron-Blocking and Oxygen Evolution Catalyst Layers by Plasma-Enhanced Atomic Layer Deposition of Nickel Oxide (Adv. Mater. Interfaces 16/2018). *Advanced Materials Interfaces*, **2018**, 5, 1870079 4.6
- 2 Evaporation-Induced Self-Assembly for the Preparation of Porous Metal Oxide Films 283-312
- 1 A microwave-based one-pot process for homogeneous surface coating: improved electrochemical performance of $\text{Li}(\text{Ni}_{1/3}\text{Mn}_{1/3}\text{Co}_{1/3})\text{O}_2$ with a nano-scaled ZnO:Al layer. *Nano Select*, **2021**, 2, 146-157 3.1