Seong-Ju Hwang

List of Publications by Citations

273 papers	8,313 citations	48 h-index	79 g-index
287 ext. papers	9,289 ext. citations	7.7 avg, IF	6.29 L-index

#	Paper	IF	Citations
273	Mesoporous layer-by-layer ordered nanohybrids of layered double hydroxide and layered metal oxide: highly active visible light photocatalysts with improved chemical stability. *Journal of the American Chemical Society*, **2011**, 133, 14998-5007	16.4	399
272	Visible light active platinum-ion-doped TiO2 photocatalyst. *Journal of Physical Chemistry B*, **2005**, 109, 24260-7	3.4	360
271	Remarkable Capacity Retention of Nanostructured Manganese Oxide upon Cycling as an Electrode Material for Supercapacitor. *Journal of Physical Chemistry C*, **2009**, 113, 6303-6309	3.8	221
270	New Inorganic-Based Drug Delivery System of Indole-3-Acetic Acid-Layered Metal Hydroxide Nanohybrids with Controlled Release Rate. *Chemistry of Materials*, **2007**, 19, 2679-2685	9.6	203
269	Self-assembly of layered double hydroxide 2D nanoplates with graphene nanosheets: an effective way to improve the photocatalytic activity of 2D nanostructured materials for visible light-induced O2 generation. *Energy and Environmental Science*, **2013**, 6, 1008	35.4	185
268	Controlled release of donepezil intercalated in smectite clays. *International Journal of Pharmaceutics*, **2008**, 359, 198-204	6.5	183
267	Cocatalyst-Free Photocatalysts for Efficient Visible-Light-Induced H2 Production: Porous Assemblies of CdS Quantum Dots and Layered Titanate Nanosheets. *Advanced Functional Materials*, **2011**, 21, 3111-3118	15.6	174
266	Relationship between Chemical Bonding Nature and Electrochemical Property of LiMn2O4 Spinel Oxides with Various Particle Sizes: Electrochemical Grafting Concept. *Journal of Physical Chemistry B*, **1999**, 103, 2100-2106	3.4	115
265	A novel synthetic route to TiO2-pillared layered titanate with enhanced photocatalytic activity. *Journal of Materials Chemistry*, **2001**, 11, 2232-2234		113
264	Highly Selective Photoreduction of CO with Suppressing H Evolution over Monolayer Layered Double Hydroxide under Irradiation above 600 nm. *Angewandte Chemie - International Edition*, **2019**, 58, 11860-11867	16.4	109
263	A strong electronic coupling between graphene nanosheets and layered titanate nanoplates: a soft-chemical route to highly porous nanocomposites with improved photocatalytic activity. *Small*, **2012**, 8, 1038-48	11	109
262	Exploration of Nanostructured Functional Materials Based on Hybridization of Inorganic 2D Nanosheets. *Journal of Physical Chemistry C*, **2014**, 118, 3847-3863	3.8	104
261	Mixed valence Zn Co-layered double hydroxides and their exfoliated nanosheets with electrode functionality. *Journal of Materials Chemistry*, **2011**, 21, 4286		96
260	Unique Advantages of Exfoliated 2D Nanosheets for Tailoring the Functionalities of Nanocomposites. *Journal of Physical Chemistry Letters*, **2014**, 5, 4149-61	6.4	95
259	Polymer organic supramolecular nanohybrids for red, white, green, and blue applications. *Progress in Polymer Science*, **2013**, 38, 1442-1486	29.6	94
258	Intracrystalline Structure of Molecular Mercury Halide Intercalated in High-Tc Superconducting Lattice of Bi2Sr2CaCu2Oy. *Journal of the American Chemical Society*, **1997**, 119, 1624-1633	16.4	93
257	Laponite-based nanohybrid for enhanced solubility and controlled release of itraconazole. *International Journal of Pharmaceutics*, **2008**, 349, 283-90	6.5	92

256	Ordered Mesoporous C N with a Combined Triazole and Triazine Framework and Its Graphene Hybrids for the Oxygen Reduction Reaction (ORR). *Angewandte Chemie - International Edition*, **2018**, 57, 17135-17140	16.4	92
255	Bifunctional 2D Superlattice Electrocatalysts of Layered Double Hydroxide–Transition Metal Dichalcogenide Active for Overall Water Splitting. *ACS Energy Letters*, **2018**, 3, 952-960	20.1	89
254	Mesoporous Iron Oxide-Layered Titanate Nanohybrids: Soft-Chemical Synthesis, Characterization, and Photocatalyst Application. *Journal of Physical Chemistry C*, **2008**, 112, 14853-14862	3.8	89
253	Improved electrochromic performances of NiO based thin films by lithium addition: From single layers to devices. *Electrochimica Acta*, **2012**, 74, 46-52	6.7	87
252	Strongly-Coupled Freestanding Hybrid Films of Graphene and Layered Titanate Nanosheets: An Effective Way to Tailor the Physicochemical and Antibacterial Properties of Graphene Film. *Advanced Functional Materials*, **2014**, 24, 2288-2294	15.6	85
251	Soft-chemical exfoliation route to layered cobalt oxide monolayers and its application for film deposition and nanoparticle synthesis. *Chemistry - A European Journal*, **2009**, 15, 10752-61	4.8	85
250	Porously Assembled 2D Nanosheets of Alkali Metal Manganese Oxides with Highly Reversible Pseudocapacitance Behaviors. *Journal of Physical Chemistry C*, **2010**, 114, 22134-22140	3.8	83
249	Phosphate-intercalated Ca–Fe-layered double hydroxides: Crystal structure, bonding character, and release kinetics of phosphate. *Journal of Solid State Chemistry*, **2011**, 184, 171-176	3.3	83
248	Itraconazole–laponite: Kinetics and mechanism of drug release. *Applied Clay Science*, **2008**, 40, 99-107	5.2	83
247	Exfoliation and Reassembling Route to Mesoporous Titania Nanohybrids. *Chemistry of Materials*, **2006**, 18, 1134-1140	9.6	83
246	Recent Advances in Developing Hybrid Materials for Sodium-Ion Battery Anodes. *ACS Energy Letters*, **2020**, 5, 1939-1966	20.1	82
245	Exfoliated 2D Lepidocrocite Titanium Oxide Nanosheets for High Sulfur Content Cathodes with Highly Stable Li–S Battery Performance. *ACS Energy Letters*, **2018**, 3, 412-419	20.1	78
244	High-Performance Hybrid Photocatalysts: Molecular-Level Control of the Intersheet Distance and Electronic Coupling between 2D Semiconducting and Metallic Nanosheets: Establishing Design Rules for High-Performance Hybrid Photocatalysts (Adv. Sci. 7/2021). *Advanced Science*, **2021**, 8, 2170036	13.6	78
243	Evolution of Local Structure around Manganese in Layered LiMnO2upon Chemical and Electrochemical Delithiation/Relithiation. *Chemistry of Materials*, **2000**, 12, 1818-1826	9.6	73
242	One-pot synthesis of core–shell-like Pt3Co nanoparticle electrocatalyst with Pt-enriched surface for oxygen reduction reaction in fuel cells. *Energy and Environmental Science*, **2011**, 4, 4947	35.4	72
241	One-Pot Synthesis of Platinum Nanoparticles Embedded on Reduced Graphene Oxide for Oxygen Reduction in Methanol Fuel Cells. *Electrochemical and Solid-State Letters*, **2011**, 14, B70		71
240	Route to the Smallest Doped Semiconductor: Mn(2+)-Doped (CdSe)13 Clusters. *Journal of the American Chemical Society*, **2015**, 137, 12776-9	16.4	69
239	Heterostructured nanohybrid of zinc oxide-montmorillonite clay. *Journal of Physical Chemistry B*, **2006**, 110, 1599-604	3.4	67

238	Unilamellar nanosheet of layered manganese cobalt nickel oxide and its heterolayered film with polycations. *ACS Nano*, **2010**, 4, 4437-44	16.7	66
237	Highly efficient visible light-induced O generation by self-assembled nanohybrids of inorganic nanosheets and polyoxometalate nanoclusters. *Scientific Reports*, **2013**, 3, 2080	4.9	64
236	2D and 3D Hybrid Systems for Enhancement of Chondrogenic Differentiation of Tonsil-Derived Mesenchymal Stem Cells. *Advanced Functional Materials*, **2015**, 25, 2573-2582	15.6	62
235	Room Temperature Synthesis Routes to the 2D Nanoplates and 1D Nanowires/Nanorods of Manganese Oxides with Highly Stable Pseudocapacitance Behaviors. *Journal of Physical Chemistry C* , **2011**, 115, 13171-13179	3.8	58
234	2D inorganic nanosheet-based hybrid photocatalysts: Design, applications, and perspectives. *Journal of Photochemistry and Photobiology C: Photochemistry Reviews*, **2019**, 40, 150-190	16.4	57
233	New insight of the photocatalytic behaviors of graphitic carbon nitrides for hydrogen evolution and their associations with grain size, porosity, and photophysical properties. *Applied Catalysis B: Environmental*, **2017**, 218, 349-358	21.8	56
232	Single-Step Synthesis, Characterization, and Application of Nanostructured KxMn1-yCoyO2- with Controllable Chemical Compositions and Crystal Structures. *Chemistry of Materials*, **2007**, 19, 5010-5017	9.6	55
231	PSEUDO-GAP FEATURES OF INTRINSIC TUNNELING IN (HgBr2)-Bi2212 SINGLE CRYSTALS. *International Journal of Modern Physics B*, **1999**, 13, 3758-3763	1.1	55
230	A beneficial role of exfoliated layered metal oxide nanosheets in optimizing the electrocatalytic activity and pore structure of Pt-reduced graphene oxide nanocomposites. *Energy and Environmental Science*, **2013**, 6, 608-617	35.4	54
229	MnO Nanowire-Anchored Highly Oxidized Cluster as a Catalyst for Li-O Batteries: Superior Electrocatalytic Activity and High Functionality. *Angewandte Chemie - International Edition*, **2018**, 57, 15984-15989	16.4	54
228	Mixed colloidal suspensions of reduced graphene oxide and layered metal oxide nanosheets: useful precursors for the porous nanocomposites and hybrid films of graphene/metal oxide. *Chemistry - A European Journal*, **2012**, 18, 2263-71	4.8	53
227	New Superconducting Intercalation Compounds: (HgX2)0.5Bi2Sr2CaCu2Oy (X = Br and I). *Journal of the American Chemical Society*, **1994**, 116, 11564-11565	16.4	52
226	Local Atomic Arrangement and Electronic Structure of Nanocrystalline Transition Metal Oxides Determined by X-ray Absorption Spectroscopy. *Journal of Physical Chemistry B*, **2003**, 107, 5791-5796	3.4	49
225	Local Crystal Structure around Manganese in New Potassium-Based Nanocrystalline Manganese Oxyiodide. *Journal of Physical Chemistry B*, **2002**, 106, 4053-4060	3.4	48
224	Chemical Bonding Character and Physicochemical Properties of Mesoporous Zinc Oxide-Layered Titanate Nanocomposites. *Journal of Physical Chemistry C*, **2007**, 111, 1658-1664	3.8	47
223	Effects of Chromium Substitution on the Chemical Bonding Nature and Electrochemical Performance of Layered Lithium Manganese Oxide. *Journal of Physical Chemistry B*, **2000**, 104, 7612-7618	3.4	47
222	Synthesis and lithium electrode application of ZnOZnFe2O4 nanocomposites and porously assembled ZnFe2O4 nanoparticles. *Solid State Ionics*, **2011**, 182, 91-97	3.3	45
221	Ordered Mesoporous C3N5 with a Combined Triazole and Triazine Framework and Its Graphene Hybrids for the Oxygen Reduction Reaction (ORR). *Angewandte Chemie*, **2018**, 130, 17381-17386	3.6	44

220	Synthesis of new visible light active photocatalysts of Ba(In(1/3)Pb(1/3)M'(1/3))O3 (M' = Nb, Ta): a band gap engineering strategy based on electronegativity of a metal component. *Journal of Physical Chemistry B*, **2005**, 109, 15001-7	3.4	43
219	Solvothermal-Assisted Hybridization between Reduced Graphene Oxide and Lithium Metal Oxides: A Facile Route to Graphene-Based Composite Materials. *Journal of Physical Chemistry C*, **2012**, 116, 7269-7279	3.8	42
218	Phase Tuning of Nanostructured Gallium Oxide via Hybridization with Reduced Graphene Oxide for Superior Anode Performance in Li-Ion Battery: An Experimental and Theoretical Study. *ACS Applied Materials & Interfaces*, **2015**, 7, 18679-88	9.5	41
217	Atomically Dispersed Co -N and Fe-N Costructures Boost Oxygen Reduction Reaction in Both Alkaline and Acidic Media. *Advanced Materials*, **2021**, e2104718	24	41
216	A Conductive Hybridization Matrix of RuO2 Two-Dimensional Nanosheets: A Hybrid-Type Photocatalyst. *Angewandte Chemie - International Edition*, **2016**, 55, 8546-50	16.4	41
215	2D inorganic nanosheets as versatile building blocks for hybrid electrode materials for supercapacitor. *Coordination Chemistry Reviews*, **2020**, 421, 213439	23.2	40
214	Recent Applications of 2D Inorganic Nanosheets for Emerging Energy Storage System. *Chemistry - A European Journal*, **2018**, 24, 4757-4773	4.8	40
213	Pre-swelled nanostructured electrode for lithium ion battery: TiO2-pillared layered MnO2. *Journal of Materials Chemistry*, **2010**, 20, 2033		39
212	Hierarchically Assembled 2D Nanoplates and 0D Nanoparticles of Lithium-Rich Layered Lithium Manganates Applicable to Lithium Ion Batteries. *Journal of Physical Chemistry C*, **2009**, 113, 17392-17398	3.8	39
211	Intercalation route to nano-hybrids: inorganic/organic-high Tc cuprate hybrid materials. *Journal of Materials Chemistry*, **1999**, 9, 129-135		39
210	Unusually Huge Charge Storage Capacity of Mn3O4-Graphene Nanocomposite Achieved by Incorporation of Inorganic Nanosheets. *ACS Applied Materials & Interfaces*, **2016**, 8, 13360-72	9.5	39
209	Novel Flexible Transparent Conductive Films with Enhanced Chemical and Electromechanical Sustainability: TiO Nanosheet-Ag Nanowire Hybrid. *ACS Applied Materials & Interfaces*, **2018**, 10, 2688-2700	9.5	39
208	Porous Hybrid Network of Graphene and Metal Oxide Nanosheets as Useful Matrix for Improving the Electrode Performance of Layered Double Hydroxides. *Small*, **2015**, 11, 3921-31	11	37
207	Holey 2D Nanosheets of Low-Valent Manganese Oxides with an Excellent Oxygen Catalytic Activity and a High Functionality as a Catalyst for Li-O2 Batteries. *Advanced Functional Materials*, **2018**, 28, 1707106	15.6	37
206	An Effective Way to Optimize the Functionality of Graphene-Based Nanocomposite: Use of the Colloidal Mixture of Graphene and Inorganic Nanosheets. *Scientific Reports*, **2015**, 5, 11057	4.9	36
205	Unique phase transformation behavior and visible light photocatalytic activity of titanium oxide hybridized with copper oxide. *Journal of Materials Chemistry*, **2010**, 20, 3238		36
204	Superior Additive of Exfoliated RuO2 Nanosheet for Optimizing the Electrode Performance of Metal Oxide over Graphene. *Journal of Physical Chemistry C*, **2016**, 120, 11786-11796	3.8	36
203	A rational method to kinetically control the rate-determining step to explore efficient electrocatalysts for the oxygen evolution reaction. *NPG Asia Materials*, **2018**, 10, 659-669	10.3	35

202	Surface-anchored CdS@Ag 3 PO 4 nanocomposite with efficient visible light photocatalytic activity. *Materials Letters*, **2014**, 114, 152-155	3.3	35
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199	Soft Chemical Dehydration Route to Carbon Coating of Metal Oxides: Its Application for Spinel Lithium Manganate. *Journal of Physical Chemistry C*, **2007**, 111, 11347-11352	3.8	33
198	Relationship between Chemical Bonding Character and Electrochemical Performance in Nickel-Substituted Lithium Manganese Oxides. *Journal of Physical Chemistry B*, **2001**, 105, 4860-4866	3.4	33
197	Layered titanate-zinc oxide nanohybrids with mesoporosity. *Chemical Communications*, **2006**, 220-2	5.8	32
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192	Evolution of the chemical bonding nature of ferroelectric bismuth titanate upon cation substitution. *Applied Physics Letters*, **2004**, 85, 4130-4132	3.4	31
191	Micro-Raman Spectroscopic Study on Layered Lithium Manganese Oxide and Its Delithiated/Relithiated Derivatives. *Electrochemical and Solid-State Letters*, **2001**, 4, A213		31
190	Highly Selective Photoreduction of CO2 with Suppressing H2 Evolution over Monolayer Layered Double Hydroxide under Irradiation above 600 nm. *Angewandte Chemie*, **2019**, 131, 11986-11993	3.6	30
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188	Exfoliation–restacking route to Au nanoparticle-clay nanohybrids. *Journal of Physics and Chemistry of Solids*, **2006**, 67, 1020-1023	3.9	29
187	Variation of the Chemical Bonding Nature of LiMn2-xNixO4Spinel Oxides upon Delithiation and Lithiation Reactions. *Journal of Physical Chemistry B*, **2001**, 105, 335-342	3.4	29
186	Effects of vanadium- and iron-doping on crystal morphology and electrochemical properties of 1D nanostructured manganese oxides. *Journal of Power Sources*, **2008**, 185, 1374-1379	8.9	28
185	Intracrystalline structure and physicochemical properties of mixed SiO2-TiO2 sol-pillared aluminosilicate. *Journal of Physical Chemistry B*, **2006**, 110, 1592-8	3.4	28

184	Origin of Improved Electrochemical Activity of □MnO2 Nanorods: Effect of the Mn Valence in the Precursor on the Crystal Structure and Electrode Activity of Manganates. *Journal of Physical Chemistry C*, **2009**, 113, 21274-21282	3.8	27
183	Superior role of MXene nanosheet as hybridization matrix over graphene in enhancing interfacial electronic coupling and functionalities of metal oxide. *Nano Energy*, **2018**, 53, 841-848	17.1	27
182	Structure of Exfoliated Titanate Nanosheets Determined by Atomic Pair Distribution Function Analysis. *Chemistry of Materials*, **2004**, 16, 5153-5157	9.6	26
181	Two-Dimensional Layered Hydroxide Nanoporous Nanohybrids Pillared with Zero-Dimensional Polyoxovanadate Nanoclusters for Enhanced Water Oxidation Catalysis. *Small*, **2018**, 14, e1703481	11	26
180	Analysis of benzylpenicillin in milk using MALDI-TOF mass spectrometry with top-down synthesized TiO2 nanowires as the solid matrix. *Chemosphere*, **2016**, 143, 64-70	8.4	25
179	Heterolayered 2D nanohybrids of uniformly stacked transition metal dichalcogenide□transition metal oxide monolayers with improved energy-related functionalities. *Journal of Materials Chemistry A*, **2018**, 6, 15237-15244	13	25
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177	Composition-tailored 2 D Mn(1-x)Ru(x)O(2) nanosheets and their reassembled nanocomposites: improvement of electrode performance upon Ru substitution. *Chemistry - A European Journal*, **2014**, 20, 5132-40	4.8	24
176	Optical iris application of electrochromic thin films. *Electrochemistry Communications*, **2008**, 10, 1785-1787	5.1	24
175	Structure of Nanocrystalline Alkali Metal Manganese Oxides by the Atomic Pair Distribution Function Technique. *Journal of Physical Chemistry B*, **2004**, 108, 14956-14963	3.4	24
174	A magnesiothermic route to multicomponent nanocomposites of FeSi2@Si@graphene and FeSi2@Si with promising anode performance. *Electrochimica Acta*, **2014**, 136, 483-492	6.7	23
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172	Crucial roles of interfacial coupling and oxygen defect in multifunctional 2D inorganic nanosheets. *Nano Energy*, **2020**, 67, 104192	17.1	23
171	Two-dimensional RuO2 nanosheets as robust catalysts for peroxymonosulfate activation. *Environmental Science: Nano*, **2019**, 6, 2084-2093	7.1	22
170	Fullerene as an efficient hybridization matrix for exploring high-performance layered-double-hydroxide-based electrodes. *Journal of Materials Chemistry A*, **2019**, 7, 10971-10979	13	22
169	A facile exfoliation-crystal growth route to multicomponent Ag□O/Ag-TiNbO□nanohybrids with improved visible light photocatalytic activity. *Dalton Transactions*, **2014**, 43, 10566-73	4.3	22
168	A New Type of Efficient CO2 Adsorbent with Improved Thermal Stability: Self-Assembled Nanohybrids with Optimized Microporosity and Gas Adsorption Functions. *Advanced Functional Materials*, **2013**, 23, 4377-4385	15.6	22
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165	Cooling of melts: kinetic stabilization and polymorphic transitions in the KInSnSe 4 system. *Inorganic Chemistry*, **2004**, 43, 2237-9	5.1	21
164	Unique properties of 2 D layered titanate nanosheets as a building block for the optimization of the photocatalytic activity and photostability of TiO2-based nanohybrids. *Chemistry - A European Journal*, **2014**, 20, 10011-9	4.8	20
163	Formation Efficiency of One-Dimensional Nanostructured Titanium Oxide Affected by the Structure and Composition of Titanate Precursor: A Mechanism Study. *Journal of Physical Chemistry C*, **2008**, 112, 15966-15972	3.8	20
162	Effects of hydronium intercalation and cation substitution on the photocatalytic performance of layered titanium oxide. *Journal of Physics and Chemistry of Solids*, **2008**, 69, 1444-1446	3.9	20
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158	A powerful role of exfoliated metal oxide 2D nanosheets as additives for improving electrocatalyst functionality of graphene. *Electrochimica Acta*, **2017**, 235, 720-729	6.7	19
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152	Multilayer hybrid nanosheet of mesoporous carbon□ayered metal oxide as a highly efficient electrocatalyst for Li□2 batteries. *Applied Catalysis B: Environmental*, **2019**, 254, 523-530	21.8	18
151	Heterolayered Li+□MnO2□Mn1/3Co1/3Ni1/3]O2 Nanocomposites with Improved Electrode Functionality: Effects of Heat Treatment and Layer Doping on the Electrode Performance of Reassembled Lithium Manganate. *Journal of Physical Chemistry C*, **2012**, 116, 3311-3319	3.8	18
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148	Unusual High Oxidation State of Iodine Intercalated in the Bi2Sr2CaCu2Ox Superconductor. *Journal of Solid State Chemistry*, **1993**, 102, 284-287	3.3	18
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146	The beneficial effect of nanocrystalline and amorphous nature on the anode performance of manganese oxide for lithium ion batteries. *Electrochimica Acta*, **2015**, 174, 391-399	6.7	17
145	Nano-structure tin/nitrogen-doped reduced graphene oxide composites as high capacity lithium-ion batteries anodes. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 18994-19002	2.1	17
144	In Situ Formation of Conductive Metal Sulfide Domain in Metal Oxide Matrix: An Efficient Way to Improve the Electrochemical Activity of Semiconducting Metal Oxide. *Advanced Functional Materials*, **2015**, 25, 4948-4955	15.6	17
143	A Crucial Role of Rh Substituent Ion in Photoinduced Internal Electron Transfer and Enhanced Photocatalytic Activity of CdS-Ti(5.2-x)/6 Rhx /2 O2 Nanohybrids. *Small*, **2015**, 11, 5771-80	11	17
142	Improved photocatalytic activity and adsorption ability of mesoporous potassium-intercalated layered titanate. *Journal of Photochemistry and Photobiology A: Chemistry*, **2009**, 205, 173-178	4.7	17
141	A chemical bath deposition route to facet-controlled Ag3PO4 thin films with improved visible light photocatalytic activity. *Journal of Solid State Chemistry*, **2016**, 240, 115-121	3.3	17
140	Synergistic Control of Structural Disorder and Surface Bonding Nature to Optimize the Functionality of Manganese Oxide as an Electrocatalyst and a Cathode for Li-O Batteries. *Small*, **2020**, 16, e1903265	11	17
139	A 2D Metal Oxide Nanosheet as an Efficient Additive for Improving Na-Ion Electrode Activity of Graphene-Based Nanocomposites. *Chemistry - A European Journal*, **2017**, 23, 6544-6551	4.8	16
138	Organic Intercalant-Free Liquid Exfoliation Route to Layered Metal-Oxide Nanosheets via the Control of Electrostatic Interlayer Interaction. *ACS Applied Materials & Interfaces*, **2019**, 11, 12121-12132	9.5	16
137	Application of Exfoliated Inorganic Nanosheets for Strongly-Coupled Hybrid Photocatalysts. *Solar Rrl*, **2018**, 2, 1800092	7.1	16
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