Go Kawamura

List of Publications by Year
in descending order

174	2,928	172457	254184
papers	citations	29 h-index	43 g-index

176	176	176	3665
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preparation of Auâ€“Ag, Agâ€“Au coreâ€“shell bimetallic nanoparticles for surface-enhanced Raman scattering. Scripta Materialia, 2008, 58, 862-865.	5.2	233
2	Microwave-assisted synthesis of Mn3O4-Fe2O3/Fe3O4@rGO ternary hybrids and electrochemical performance for supercapacitor electrode. Diamond and Related Materials, 2020, 101, 107622.	3.9	102
3	Inorganicâ€“organic composite electrolytes consisting of polybenzimidazole and Cs-substituted heteropoly acids and their application for medium temperature fuel cells. Journal of Materials Chemistry, 2010, 20, 6359.	6.7	77
4	Hydrogen gas sensing properties of microwave-assisted 2D Hybrid Pd/rGO: Effect of temperature, humidity and UV illumination. International Journal of Hydrogen Energy, 2021, 46, 7653-7665.	7.1	71
5	Nanocomposite matrix conjugated with carbon nanomaterials for photocatalytic wastewater treatment. Journal of Hazardous Materials, 2021, 410, 124657.	12.4	66
6	A review on plasmonic nanoparticle-semiconductor photocatalysts for water splitting. Journal of Cleaner Production, 2021, 294, 126200.	9.3	65
7	Shape control synthesis of multi-branched gold nanoparticles. Materials Chemistry and Physics, 2009, 115, 229-234.	4.0	59
8	Elaboration and characterization of solâ€“gel derived ZrO2 thin films treated with hot water. Applied Surface Science, 2012, 258, 5250-5258.	6.1	59
9	Systematic characterization of the effect of Ag@TiO2 nanoparticles on the performance of plasmonic dye-sensitized solar cells. Scientific Reports, 2017, 7, 15690.	3.3	54
10	Fabrication of biosensor based on Chitosan-ZnO/Polypyrrole nanocomposite modified carbon paste electrode for electroanalytical application. Materials Science and Engineering C, 2017, 80, 494-501.	7.3	53
11	Facile assembling of gold nanorods with large aspect ratio and their surface-enhanced Raman scattering properties. Applied Physics Letters, 2007, 90, 261908.	3.3	50
12	Recent advances in waste-recycled nanomaterials for biomedical applications: Waste-to-wealth. Nanotechnology Reviews, 2021, 10, 1662-1739.	5.8	50
13	Carbon-dot-loaded CoxNi1â^'xFe2O4; xâ€‰=â€‰0.9/SiO2/TiO2 nanocomposite with enhanced photocatalytic and antimicrobial potential: An engineered nanocomposite for wastewater treatment. Scientific Reports, 2020, 10, 11534.	3.3	48
14	Synthesis of Porous Single-Crystalline Platinum Nanocubes Composed of Nanoparticles. Journal of Physical Chemistry Letters, 2010, 1, 568-571.	4.6	46
15	Tuned longitudinal surface plasmon resonance and third-order nonlinear optical properties of gold nanorods. Nanotechnology, 2011, 22, 275203.	2.6	46
16	Production of Oxidation-Resistant Cu-Based Nanoparticles by Wire Explosion. Scientific Reports, 2015, 5, 18333.	3.3	46
17	End-to-End Assembly of CTAB-Stabilized Gold Nanorods by Citrate Anions. Journal of Physical Chemistry C, 2008, 112, 10632-10636.	3.1	43
18	Metal chalcogenide-based photoelectrodes for photoelectrochemical water splitting. Journal of Energy Chemistry, 2022, 73, 189-213.	12.9	40

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19	Proton conductivity and fuel cell property of composite electrolyte consisting of Cs-substituted heteropoly acids and sulfonated poly(etherâ€“ether ketone). Journal of Power Sources, 2010, 195, 5822-5828.	7.8	38
20	Low-temperature crystallization of TiO2 nanotube arrays via hot water treatment and their photocatalytic properties under visible-light irradiation. Materials Chemistry and Physics, 2013, 137, 991-998.	4.0	36
21	Characterization and structural and magnetic studies of as-synthesized Fe 2+ Cr x Fe (2â^' x) O 4 nanoparticles. Journal of Magnetism and Magnetic Materials, 2017, 439, 373-383.	2.3	36
22	Nanomaterial Fabrication through the Modification of Solâ€“Gel Derived Coatings. Nanomaterials, 2021, 11, 181.	4.1	36
23	Aligned gold nanoneedle arrays for surface-enhanced Raman scattering. Nanotechnology, 2010, 21, 325701.	2.6	35
24	Application of a conproportionation reaction to a synthesis of shape-controlled gold nanoparticles. Journal of Crystal Growth, 2009, 311, 4462-4466.	1.5	33
25	Shape-Controlled Metal Nanoparticles and Their Assemblies with Optical Functionalities. Journal of Nanomaterials, 2013, 2013, 1-17.	2.7	33
26	Ag nanoparticle-deposited TiO2 nanotube arrays for electrodes of Dye-sensitized solar cells. Nanoscale Research Letters, 2015, 10, 219.	5.7	33
27	Single-step growth of carbon and potassium-embedded TiO2 nanotube arrays for efficient photoelectrochemical hydrogen generation. Electrochimica Acta, 2013, 89, 585-593.	5.2	32
28	Formation of highly crystallized ZnO nanostructures by hot-water treatment of etched Zn foils. Materials Letters, 2013, 91, 111-114.	2.6	32
29	Carbon-incorporated TiO2 photoelectrodes prepared via rapid-anodic oxidation for efficient visible-light hydrogen generation. International Journal of Hydrogen Energy, 2012, 37, 10046-10056.	7.1	31
30	Synthesis of rutile TiO2 nanowires by thermal oxidation of titanium in the presence of KOH and their ability to photoreduce Cr(VI) ions. Journal of Alloys and Compounds, 2020, 812, 152094.	5.5	30
31	Photoluminescence properties of rod-like Ce-doped ZnO nanostructured films formed by hot-water treatment of solâ€“gel derived coating. Optical Materials, 2013, 35, 1902-1907.	3.6	28
32	Hard template synthesis of metal nanowires. Frontiers in Chemistry, 2014, 2, 104.	3.6	28
33	Ag nanoparticle-filled TiO₂ nanotube arrays prepared by anodization and electrophoretic deposition for dye-sensitized solar cells. Nanotechnology, 2017, 28, 135207.	2.6	25
34	Micro- and Nano-assembly of Composite Particles by Electrostatic Adsorption. Nanoscale Research Letters, 2019, 14, 297.	5.7	25
35	High surface area BaZrO3 photocatalyst prepared by base-hot-water treatment. Journal of the European Ceramic Society, 2011, 31, 2699-2705.	5.7	24
36	TiO 2 nanotube arrays formation in fluoride/ethylene glycol electrolyte containing LiOH or KOH as photoanode for dye-sensitized solar cell. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 343, 33-39.	3.9	23

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37	Synthesis of Plasmonic Photocatalysts for Water Splitting. Catalysts, 2019, 9, 982.	3.5	23
38	Effect of Al3+ and Ti4+ ions on the laser reduction of Sm3+ ion in glass. Journal of Luminescence, 2005, 114, 178-186.	3.1	22
39	Mechanochemically induced sulfur doping in ZnO via oxygen vacancy formation. Physical Chemistry Chemical Physics, 2017, 19, 13838-13845.	2.8	21
40	Sunlight activated anodic freestanding ZrO₂ nanotube arrays for Cr(VI) photoreduction. Nanotechnology, 2018, 29, 375701.	2.6	21
41	Fabrication of an all-solid-state Zn-air battery using electroplated Zn on carbon paper and KOH-ZrO2 solid electrolyte. Applied Surface Science, 2019, 487, 343-348.	6.1	21
42	Photocatalytic properties of Au-deposited mesoporous SiO2â€“TiO2 photocatalyst under simultaneous irradiation of UV and visible light. Journal of Solid State Chemistry, 2016, 235, 132-138.	2.9	20
43	PMMA-ITO Composite Formation via Electrostatic Assembly Method for Infra-Red Filtering. Nanomaterials, 2019, 9, 886.	4.1	20
44	AgBr nanocrystal-dispersed silsesquioxaneâ€“titania hybrid films for holographic materials. Materials Letters, 2010, 64, 2648-2651.	2.6	19
45	Synthesis of ZnO nanorodâ€“nanosheet composite via facile hydrothermal method and their photocatalytic activities under visible-light irradiation. Journal of Solid State Chemistry, 2014, 211, 146-153.	2.9	19
46	Nanotube array-based barium titanateâ€“cobalt ferrite composite film for affordable magnetoelectric multiferroics. Journal of Materials Chemistry C, 2019, 7, 10066-10072.	5.5	19
47	Anhydrous proton conductivity of KHSO4â€“H3PW12O40 composites and the correlation with hydrogen bonding distance under ambient pressure. Electrochimica Acta, 2011, 56, 9364-9369.	5.2	18
48	Anodic Ag/TiO₂nanotube array formation in NaOH/fluoride/ethylene glycol electrolyte as a photoanode for dye-sensitized solar cells. Nanotechnology, 2016, 27, 355605.	2.6	18
49	Fe3O4-embedded rGO composites as anode for rechargeable FeOx-air batteries. Materials Today Communications, 2020, 25, 101540.	1.9	18
50	Influence of Ce3+ Substitution on Antimicrobial and Antibiofilm Properties of ZnCexFe2â^'xO4 Nanoparticles (X = 0.0, 0.02, 0.04, 0.06, and 0.08) Conjugated with Ebselen and Its Role Subsidised with Î³-Radiation in Mitigating Human TNBC and Colorectal Adenocarcinoma Proliferation In Vitro. International Journal of Molecular Sciences, 2021, 22, 10171.	4.1	18
51	Combined spectroscopic and TDDFT study of single-double anthocyanins for application in dye-sensitized solar cells. New Journal of Chemistry, 2018, 42, 11616-11628.	2.8	17
52	Facile formation of Fe3O4-particles decorated carbon paper and its application for all-solid-state rechargeable Fe-air battery. Applied Surface Science, 2019, 486, 257-264.	6.1	17
53	Fabrication of Shape-Controlled Au Nanoparticles in a TiO2-Containing Mesoporous Template Using UV Irradiation and Their Shape-Dependent Photocatalysis. Journal of Materials Science and Technology, 2014, 30, 8-12.	10.7	16
54	Preparation of hydroxide ion conductive KOHâ€“layered double hydroxide electrolytes for an all-solid-state ironâ€“air secondary battery. Journal of Asian Ceramic Societies, 2014, 2, 165-168.	2.3	16

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55	Incorporation of titanium pyrophosphate in polybenzimidazole membrane for medium temperature dry PEFC application. Solid State Ionics, 2020, 344, 115140.	2.7	16
56	Hexavalent Chromium Removal via Photoreduction by Sunlight on Titaniumâ€“Dioxide Nanotubes Formed by Anodization with a Fluorinated Glycerolâ€“Water Electrolyte. Catalysts, 2021, 11, 376.	3.5	16
57	Characterization and Film Properties of Electrophoretically Deposited Nanosheets of Anionic Titanate and Cationic MgAl-Layered Double Hydroxide. Journal of Physical Chemistry B, 2013, 117, 1724-1730.	2.6	15
58	Preparation and Characterization of Stable and Active Pt@TiO₂ Coreâ€“Shell Nanoparticles as Electrocatalyst for Application in PEMFCs. ACS Applied Energy Materials, 2020, 3, 3269-3281.	5.1	15
59	Composite electrolytes composed of Cs-substituted phosphotungstic acid and sulfonated poly(etherâ€“ether ketone) for fuel cell systems. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 173, 260-266.	3.5	14
60	Photoinduced reduction and heat-induced oxidation of silver in transparent RSiO3/2 and RSiO3/2â€“TiO2 films. Physical Chemistry Chemical Physics, 2010, 12, 6859.	2.8	14
61	Mechanochemically synthesized CsH₂PO₄â€“H₃PW₁₂O₄₀composites as proton-conducting electrolytes for fuel cell systems in a dry atmosphere. Science and Technology of Advanced Materials, 2011, 12, 034402.	6.1	14
62	Fabrication of well-crystallized mesoporous ZrO2 thin films via Pluronic P123 templated solâ€“gel route. Ceramics International, 2013, 39, S437-S440.	4.8	14
63	Three modes of high-efficient photocatalysis using composites of TiO2-nanocrystallite-containing mesoporous SiO2 and Au nanoparticles. Journal of Sol-Gel Science and Technology, 2015, 74, 748-755.	2.4	14
64	Blue-emitting photoluminescence of rod-like and needle-like ZnO nanostructures formed by hot-water treatment of solâ€“gel derived coatings. Journal of Luminescence, 2015, 158, 44-49.	3.1	14
65	Electrochemical Performance of Sintered Porous Negative Electrodes Fabricated with Atomized Powders for Iron-Based Alkaline Rechargeable Batteries. Journal of the Electrochemical Society, 2017, 164, A2049-A2055.	2.9	14
66	CHS-WSiA doped hexafluoropropylidene-containing polybenzimidazole composite membranes for medium temperature dry fuel cells. International Journal of Hydrogen Energy, 2019, 44, 32201-32209.	7.1	14
67	Comparison of ZrO2, TiO2, and Î±-Fe2O3 nanotube arrays on Cr(VI) photoreduction fabricated by anodization of Zr, Ti, and Fe foils. Materials Research Express, 2020, 7, 055013.	1.6	14
68	Mechanochemical synthesis of proton conductive composites derived from cesium dihydrogen phosphate and guanine. Solid State Ionics, 2012, 225, 223-227.	2.7	13
69	Design of hierarchically mesoâ€“macroporous tetragonal ZrO2 thin films with tunable thickness by spin-coating via solâ€“gel template route. Microporous and Mesoporous Materials, 2013, 167, 198-206.	4.4	13
70	Facile Fabrication of rGO/Rutile TiO2 Nanowires as Photocatalyst for Cr(VI) Reduction. Materials Today: Proceedings, 2019, 17, 1143-1151.	1.8	13
71	Investigation of the anchor layer formation on different substrates and its feasibility for optical properties control by aerosol deposition. Applied Surface Science, 2019, 483, 212-218.	6.1	13
72	Nanoporous anodic Nb2O5 with pore-in-pore structure formation and its application for the photoreduction of Cr(VI). Chemosphere, 2021, 283, 131231.	8.2	13

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73	Cutting-edge development in waste-recycled nanomaterials for energy storage and conversion applications. Nanotechnology Reviews, 2022, 11, 2215-2294.	5.8	13
74	Length control of Ag nanorods in mesoporous SiO2â€“TiO2 by light irradiation. RSC Advances, 2011, 1, 584.	3.6	12
75	Synthesis and characterization of polyaniline nanofiber/TiO2 nanoparticles hybrids. Journal of the Ceramic Society of Japan, 2011, 119, 342-345.	1.1	12
76	Reversible conversion between AgCl and Ag in AgCl-doped RSiO3/2â€“TiO2 films prepared by a solâ€“gel technique. Materials Chemistry and Physics, 2011, 130, 264-269.	4.0	12
77	Solid-state mechanochemical synthesis of CsHSO4 and 1,2,4-triazole inorganicâ€“organic composite electrolytes for dry fuel cells. Electrochimica Acta, 2011, 56, 2364-2371.	5.2	12
78	Optical properties of two-dimensional ZnO nanosheets formed by hot-water treatment of Zn foils. Solid State Communications, 2013, 162, 43-47.	1.9	12
79	Enhanced dye-sensitized solar cells performance of ZnO nanorod arrays grown by low-temperature hydrothermal reaction. International Journal of Energy Research, 2013, 37, n/a-n/a.	4.5	12
80	A Unique Approach to Characterization of Solâ€€Gelâ€€Derived Rareâ€€Earthâ€€Doped Oxyfluoride Glassâ€€Ceramics. Journal of the American Ceramic Society, 2013, 96, 476-480.	3.8	12
81	Preparation of thermally and chemically robust superhydrophobic coating from liquid phase deposition and low voltage reversible electrowetting. Thin Solid Films, 2017, 636, 273-282.	1.8	12
82	Photocatalytic performance of freestanding tetragonal zirconia nanotubes formed in H₂O₂/NH₄F/ethylene glycol electrolyte by anodisation of zirconium. Nanotechnology, 2017, 28, 155604.	2.6	12
83	Charge behavior in a plasmonic photocatalyst composed of Au and TiO₂. Catalysis Science and Technology, 2018, 8, 1813-1818.	4.1	12
84	Structural, magnetic, vibrational and optical studies of structure transformed spinel Fe2+-Cr nano-ferrites by sintering process. Journal of Alloys and Compounds, 2018, 735, 975-985.	5.5	12
85	Controlled microstructure and mechanical properties of Al2O3-based nanocarbon composites fabricated by electrostatic assembly method. Nanoscale Research Letters, 2019, 14, 245.	5.7	12
86	Design of Heat-Conductive hBNâ€“PMMA Composites by Electrostatic Nano-Assembly. Nanomaterials, 2020, 10, 134.	4.1	12
87	Effect of counter ions on the reduction process of Sm3+ ions in TiO2â€“ZrO2â€“Al2O3â€“SiO2 glasses. Journal of Alloys and Compounds, 2006, 408-412, 845-847.	5.5	11
88	Redox equilibrium of samarium ions doped in Al2O3â€“SiO2 glasses. Journal of Luminescence, 2007, 124, 291-296.	3.1	11
89	Anisotropically assembled gold nanoparticles prepared using unidirectionally aligned mesochannels of silica film. Scripta Materialia, 2012, 66, 479-482.	5.2	11
90	Cell performance enhancement with titania-doped polybenzimidazole based composite membrane in intermediate temperature fuel cell under anhydrous condition. Journal of the Ceramic Society of Japan, 2018, 126, 789-793.	1.1	11

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91	Transparent Conductive CNT/PMMA Nanocomposite Via Electrostatic Adsorption Technique. ECS Transactions, 2013, 50, 165-169.	0.5	10
92	Controlled facile fabrication of plasmonic enhanced Au-decorated ZnO nanowire arrays dye-sensitized solar cells. Materials Today Communications, 2017, 13, 354-358.	1.9	10
93	Colloidal processing of Li₂S–P₂S₅ films fabricated via electrophoretic deposition methods and their characterization as a solid electrolyte for all solid state lithium ion batteries. Journal of the Ceramic Society of Japan, 2017, 125, 287-292.	1.1	10
94	Formation of grassy TiO2 nanotube thin film by anodisation in peroxide electrolyte for Cr(VI) removal under ultraviolet radiation. Nanotechnology, 2020, 31, 435605.	2.6	10
95	Selective preparation of zero- and one-dimensional gold nanostructures in a TiO2 nanocrystal-containing photoactive mesoporous template. Nanoscale Research Letters, 2012, 7, 27.	5.7	9
96	Anhydrous protic conduction of mechanochemically synthesized CsHSO4â€“Azole-derived composites. Electrochimica Acta, 2012, 75, 11-19.	5.2	9
97	Facile Fabrication of Plasmonic Enhanced Noble-Metal-Decorated ZnO Nanowire Arrays for Dye-Sensitized Solar Cells. Journal of Nanoscience and Nanotechnology, 2020, 20, 359-366.	0.9	9
98	Sol-gel synthesis of novel photosensitive material with advanced holographic properties. Journal of the Ceramic Society of Japan, 2011, 119, 426-429.	1.1	8
99	Spontaneous changes in contact angle of water and oil on novel flipâ€“flop-type hydrophobic multilayer coatings. Applied Surface Science, 2014, 298, 142-146.	6.1	8
100	Synthesis of high-edge exposure MoS2 nano flakes. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	8
101	Study of branched TiO₂ nanotubes and their application to dye sensitized solar cells. Journal of the Ceramic Society of Japan, 2014, 122, 886-888.	1.1	8
102	Fabrication on low voltage driven electrowetting liquid lens by dip coating processes. Thin Solid Films, 2016, 608, 16-20.	1.8	8
103	Ag-doped inorganicâ€“organic hybrid films for rewritable hologram memory application. Journal of Sol-Gel Science and Technology, 2016, 79, 374-380.	2.4	8
104	Annealing temperature-dependent crystallinity and photocurrent response of anodic nanoporous iron oxide film. Journal of Materials Research, 2016, 31, 1681-1690.	2.6	8
105	Effects of multi-sized and -shaped Ag@TiO₂ nanoparticles on the performance of plasmonic dye-sensitized solar cells. Journal of the Ceramic Society of Japan, 2018, 126, 139-151.	1.1	8
106	Rapid TiO₂ Nanotubes Formation in Aged Electrolyte and Their Application as Photocatalysts for Cr(VI) Reduction Under Visible Light. IEEE Nanotechnology Magazine, 2018, 17, 1106-1110.	2.0	8
107	Electrostatically assembled SiCâ€“Al2O3 composite particles for direct selective laser sintering. Advanced Powder Technology, 2021, 32, 2074-2084.	4.1	8
108	Transparent conductive polymer composites obtained via electrostatically assembled carbon nanotubesâ€“poly (methyl methacrylate) composite particles. Advanced Powder Technology, 2022, 33, 103528.	4.1	8

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109	Design and synthesis of mesoporous ZrO2 thin films using surfactant Pluronic P123 via sol-gel technique. Journal of the Ceramic Society of Japan, 2011, 119, 517-521.	1.1	7
110	Control of the structure, morphology and dielectric properties of bismuth titanate ceramics by praseodymium substitution using an intermediate fuel agent-assisted self-combustion synthesis. Journal of Materials Science, 2012, 47, 4019-4027.	3.7	7
111	Visible-Light-Induced Photocatalysis of 2D-Hexagonal Mesoporous SiO₂â€“TiO₂ Deposited with Au Nanoparticles. Journal of Nanoscience and Nanotechnology, 2014, 14, 2225-2230.	0.9	7
112	Synthesis of TiO₂ Nanotube Arrays in NaOH Added Ethylene Glycol Electrolyte and the Effect of Annealing Temperature on the Nanotube Arrays to their Photocurrent Performance. Key Engineering Materials, 2016, 701, 28-32.	0.4	7
113	Sol-gel template synthesis of BaTiO3 films with nano-periodic structures. Materials Letters, 2018, 227, 120-123.	2.6	7
114	Ag@TiO₂Nanowires-Loaded Dye-Sensitized Solar Cells and Their Effect on the Various Performance Parameters of DSSCs. Journal of the Electrochemical Society, 2018, 165, H500-H509.	2.9	7
115	Enhancement of interfacial property by novel solid ionomer CsHSO4-H4SiW12O40 for the three-phase interface of a medium-temperature anhydrous fuel cell. Materials Letters, 2019, 253, 201-204.	2.6	7
116	Fabrication of Carbon-decorated Al₂O₃ Composite Powders using Cellulose Nanofiber for Selective Laser Sintering. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2019, 66, 168-173.	0.2	7
117	Formation of porous Al₂O₃â€“SiO₂ composite ceramics by electrostatic assembly. Journal of the Ceramic Society of Japan, 2020, 128, 605-610.	1.1	7
118	New Holeâ€Burning Observations in Eu³⁺â€Ionâ€Doped Glasses. Advanced Materials, 2007, 19, 2347-2350.	21.0	6
119	Characterization of mechanochemically synthesized MHSO4â€“H4SiW12O40 composites (M=K, NH4, Cs). Materials Research Bulletin, 2012, 47, 2931-2935.	5.2	6
120	Proton conductive composite electrolytes in the KH2PO4â€“H3PW12O40 system for H2/O2 fuel cell operation. Applied Energy, 2013, 112, 1108-1114.	10.1	6
121	Development of Iron-Based Rechargeable Batteries with Sintered Porous Iron Electrodes. ECS Transactions, 2017, 75, 111-116.	0.5	5
122	Multiferroic nanocomposite fabrication via liquid phase using anodic alumina template. Science and Technology of Advanced Materials, 2018, 19, 535-542.	6.1	5
123	Current progress in the development of Fe-air batteries and their prospects for next-generation batteries. , 2021, , 59-83.		5
124	Formation of self-organized ZrO2â€“TiO2 and ZrTiO4â€“TiO2 nanotube arrays by anodization of Tiâ€“40Zr foil for Cr(VI) removal. Journal of Materials Research and Technology, 2022, 19, 2991-3003.	5.8	5
125	Effect of mixed alkali metal ions in highly proton conductive K/Cs-hydrogen sulfate-phosphotungstic acid composites prepared by mechanical milling. Solid State Ionics, 2019, 340, 115022.	2.7	4
126	Effects of cesium-substituted silicotungstic acid doped with polybenzimidazole membrane for the application of medium temperature polymer electrolyte fuel cells. E3S Web of Conferences, 2019, 83, 01008.	0.5	4

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127	Formation of Feâ€embedded graphitic carbon network composites as anode materials for rechargeable Feâ€air batteries. Energy Storage, 2020, 2, e196.	4.3	4
128	Improved green body strength using PMMAâ€“Al₂O₃ composite particles fabricated via electrostatic assembly. Nano Express, 2020, 1, 030001.	2.4	4
129	Anodized TiO2 nanotubes using Ti wire in fluorinated ethylene glycol with air bubbles for removal of methylene blue dye. Journal of Applied Electrochemistry, 2022, 52, 173-188.	2.9	4
130	Carbon dots conjugated nanocomposite for the enhanced electrochemical performance of supercapacitor electrodes. RSC Advances, 2021, 11, 39636-39645.	3.6	4
131	Controlled formation of carbon nanotubes incorporated ceramic composite granules by electrostatic integrated nano-assembly. Nanoscale, 2022, 14, 9669-9674.	5.6	4
132	Formation of Zirconia and Titania Nanotubes in Fluorine Contained Glycerol Electrochemical Bath. Defect and Diffusion Forum, 0, 312-315, 76-81.	0.4	3
133	Extraction of Nd3+-doped LiYF4 phosphor from solâ€gel-derived oxyfluoride glass ceramics by hydrofluoric acid treatment. Optical Materials, 2013, 35, 1879-1881.	3.6	3
134	Spacer Thickness-Dependent Electron Transport Performance of Titanium Dioxide Thick Film for Dye-Sensitized Solar Cells. Journal of Nanomaterials, 2015, 2015, 1-9.	2.7	3
135	Reversible change of diffraction efficiency in Cl-containing 3-glycidoxypropyl silsesquioxane films co-doped with Ag and Cu. Journal of the Ceramic Society of Japan, 2016, 124, 150-154.	1.1	3
136	Tailoring Parameters to Produce Nanowires on Metal Surface via Surface Oxidation Process. Journal of Physics: Conference Series, 2018, 1082, 012052.	0.4	3
137	Synthesis of TiO₂ Nanotubes Decorated with Ag Nanoparticles (TNTs/AgNPs) For Visible Light Degradation of Methylene Blue. Journal of Physics: Conference Series, 2018, 1082, 012105.	0.4	3
138	Anhydrous proton conduction of 0.6CsHSO4-0.4H4SiW12O40 (CHS-WSiA) composite materials fabricated by dry and wet mechanical ball milling. Materials Today: Proceedings, 2019, 16, 220-225.	1.8	3
139	Anhydrous proton conductive xCHS-(1-x)WSiA composites prepared via liquid-phase shaking. Solid State Ionics, 2019, 337, 1-6.	2.7	3
140	Structural phase transition of spinel to hematite of as-prepared Fe2+-Cr nanoferrites by sintering temperature. Measurement: Journal of the International Measurement Confederation, 2019, 132, 272-281.	5.0	3
141	Metal oxide for heavy metal detection and removal. , 2020, , 299-332.		3
142	Formation of Dense and High-Aspect-Ratio Iron Oxide Nanowires by Water Vapor-Assisted Thermal Oxidation and Their Cr(VI) Adsorption Properties. ACS Omega, 2021, 6, 28203-28214.	3.5	3
143	Low Temperature Fabrication of Titanium Oxide Composite Films by Hot-Water Treatment and Application for Dye-Sensitized Solar Cells. Electrochemistry, 2011, 79, 817-820.	1.4	2
144	Low Temperature Preparation and Optical Hydrogen Response of Pd/Titania Composite Film. Key Engineering Materials, 2011, 485, 275-278.	0.4	2

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145	Formation of Two-Dimensional ZnO Nanosheets by Rapid Thermal Oxidation in Oxygenated Environment. Journal of Nanoscience and Nanotechnology, 2014, 14, 2960-2967.	0.9	2
146	Iron Composite Anodes for Fabricating All-Solid-State Iron-Air Rechargeable Batteries. Key Engineering Materials, 2014, 616, 114-119.	0.4	2
147	Preparation of Layered Double Hydroxide and its Graphene Composite Films as Electrodes for Photoelectrochemical Cells. Key Engineering Materials, 2014, 616, 129-133.	0.4	2
148	Titania-based functional nanocomposite materials fabricated by liquid processes. Journal of the Ceramic Society of Japan, 2015, 123, 517-522.	1.1	2
149	Formation of Aligned Iron Oxide Nanopores as Cr Adsorbent Material. Advanced Materials Research, 2015, 1087, 460-464.	0.3	2
150	Effect of KOH added to ethylene glycol electrolyte on the self-organization of anodic ZrO2 nanotubes. AIP Conference Proceedings, 2016, , .	0.4	2
151	Hierarchical Porous Î±-Fe₂O₃ Formation by Thermal Oxidation of Iron as Catalyst for Cr(Vi) Reduction. Journal of Physics: Conference Series, 2018, 1082, 012044.	0.4	2
152	Development of liquid-phase fabrication of nanotube array-based multiferroic nanocomposite film. Journal of Alloys and Compounds, 2021, 869, 159219.	5.5	2
153	Proton conductivity of CsH[sub 2]PO[sub 4]â—WPA composites at intermediate temperatures. , 2010, , .		1
154	Formation of 1-dimensional (1D) and 3-dimensional (3D) ZnO nanostructures by oxidation and chemical methods. Materialwissenschaft Und Werkstofftechnik, 2012, 43, 457-460.	0.9	1
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156	Low-Temperature Processing and Optical Hydrogen Gas Sensing Property of Pd-Loaded Titania Coating onto Flexible Plastic Substrate. Key Engineering Materials, 2013, 566, 249-252.	0.4	1
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