

Anna Kubacka

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125
papers

6,491
citations

41
h-index

78
g-index

128
ext. papers

7,093
ext. citations

12.5
avg, IF

6.24
L-index

#	Paper	IF	Citations
125	Advanced nanoarchitectures for solar photocatalytic applications. <i>Chemical Reviews</i> , 2012 , 112, 1555-6148.1	48.1	1888
124	Understanding the antimicrobial mechanism of TiO ₂ -based nanocomposite films in a pathogenic bacterium. <i>Scientific Reports</i> , 2014 , 4, 4134	4.9	237
123	Cationic (V, Mo, Nb, W) doping of TiO ₂ -anatase: A real alternative for visible light-driven photocatalysts. <i>Catalysis Today</i> , 2009 , 143, 286-292	5.3	172
122	Role of Interface Contact in CeO ₂ /TiO ₂ Photocatalytic Composite Materials. <i>ACS Catalysis</i> , 2014 , 4, 63-72	13.1	150
121	Unusual Physical and Chemical Properties of Ni in Ce _{1-x} Ni _x O _{2-y} Oxides: Structural Characterization and Catalytic Activity for the Water Gas Shift Reaction. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 12689-12697	3.8	135
120	Interface Effects in Sunlight-Driven Ag/g-C ₃ N ₄ Composite Catalysts: Study of the Toluene Photodegradation Quantum Efficiency. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 2617-27	9.5	121
119	High-performance dual-action polymer-TiO ₂ nanocomposite films via melting processing. <i>Nano Letters</i> , 2007 , 7, 2529-34	11.5	114
118	Nanostructured Ti ^{IV} mixed-metal oxides: Toward a visible light-driven photocatalyst. <i>Journal of Catalysis</i> , 2008 , 254, 272-284	7.3	111
117	Disinfection capability of Ag/g-C ₃ N ₄ composite photocatalysts under UV and visible light illumination. <i>Applied Catalysis B: Environmental</i> , 2016 , 183, 86-95	21.8	110
116	Ag promotion of TiO ₂ -anatase disinfection capability: Study of Escherichia coli inactivation. <i>Applied Catalysis B: Environmental</i> , 2008 , 84, 87-93	21.8	99
115	Self-Sterilized EVOH-TiO ₂ Nanocomposites: Interface Effects on Biocidal Properties. <i>Advanced Functional Materials</i> , 2008 , 18, 1949-1960	15.6	98
114	High-performance Er ³⁺ /TiO ₂ system: Dual up-conversion and electronic role of the lanthanide. <i>Journal of Catalysis</i> , 2013 , 299, 298-306	7.3	90
113	High activity of Ce _(1-x) Ni _(x) O _(2-y) for H ₂ production through ethanol steam reforming: tuning catalytic performance through metal-oxide interactions. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 9680-4	16.4	88
112	Combining time-resolved hard X-ray diffraction and diffuse reflectance infrared spectroscopy to illuminate CO dissociation and transient carbon storage by supported Pd nanoparticles during CO/NO cycling. <i>Journal of the American Chemical Society</i> , 2010 , 132, 4540-1	16.4	82
111	Doping level effect on sunlight-driven W,N-co-doped TiO ₂ -anatase photo-catalysts for aromatic hydrocarbon partial oxidation. <i>Applied Catalysis B: Environmental</i> , 2010 , 93, 274-281	21.8	78
110	Effect of g-C ₃ N ₄ loading on TiO ₂ -based photocatalysts: UV and visible degradation of toluene. <i>Catalysis Science and Technology</i> , 2014 , 4, 2006	5.5	75
109	Boosting TiO ₂ -anatase antimicrobial activity: Polymer-oxide thin films. <i>Applied Catalysis B: Environmental</i> , 2009 , 89, 441-447	21.8	72

108	UV and visible light optimization of anatase TiO ₂ antimicrobial properties: Surface deposition of metal and oxide (Cu, Zn, Ag) species. <i>Applied Catalysis B: Environmental</i> , 2013 , 140-141, 680-690	21.8	66
107	N- and/or W-(co)doped TiO ₂ -anatase catalysts: Effect of the calcination treatment on photoactivity. <i>Applied Catalysis B: Environmental</i> , 2010 , 95, 238-244	21.8	66
106	Acid properties of NaH-mordenites: Infrared spectroscopic studies of ammonia sorption. <i>Zeolites</i> , 1995 , 15, 501-506		66
105	Enhancing photocatalytic performance of TiO ₂ in H ₂ evolution via Ru co-catalyst deposition. <i>Applied Catalysis B: Environmental</i> , 2018 , 238, 434-443	21.8	65
104	Catalytic hydrogen production through WGS or steam reforming of alcohols over Cu, Ni and Co catalysts. <i>Applied Catalysis A: General</i> , 2016 , 518, 2-17	5.1	64
103	Cu/TiO ₂ systems for the photocatalytic H ₂ production: Influence of structural and surface support features. <i>Applied Catalysis B: Environmental</i> , 2015 , 179, 468-478	21.8	64
102	Heterogeneity of OH groups in H-mordenites: Effect of dehydroxylation. <i>Zeolites</i> , 1996 , 17, 428-433		58
101	Braiding kinetics and spectroscopy in photo-catalysis: the spectro-kinetic approach. <i>Chemical Society Reviews</i> , 2019 , 48, 637-682	58.5	56
100	Plasmonic Nanoparticle/Polymer Nanocomposites with Enhanced Photocatalytic Antimicrobial Properties. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 9182-9190	3.8	56
99	Nanosized Ti ^{IV} mixed oxides: Effect of doping level in the photo-catalytic degradation of toluene using sunlight-type excitation. <i>Applied Catalysis B: Environmental</i> , 2007 , 74, 26-33	21.8	56
98	Evolution of H ₂ photoproduction with Cu content on CuO -TiO ₂ composite catalysts prepared by a microemulsion method. <i>Applied Catalysis B: Environmental</i> , 2015 , 163, 214-222	21.8	55
97	Biodegradable polycaprolactone-titania nanocomposites: preparation, characterization and antimicrobial properties. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 9249-66	6.3	55
96	Promotion of CeO ₂ /TiO ₂ photoactivity by g-C ₃ N ₄ : Ultraviolet and visible light elimination of toluene. <i>Applied Catalysis B: Environmental</i> , 2015 , 164, 261-270	21.8	54
95	Measuring and interpreting quantum efficiency for hydrogen photo-production using Pt-titania catalysts. <i>Journal of Catalysis</i> , 2017 , 347, 157-169	7.3	53
94	Sunlight-driven toluene photo-elimination using CeO ₂ -TiO ₂ composite systems: A kinetic study. <i>Applied Catalysis B: Environmental</i> , 2013 , 140-141, 626-635	21.8	53
93	Heterogeneous photocatalysis: Light-matter interaction and chemical effects in quantum efficiency calculations. <i>Journal of Catalysis</i> , 2015 , 330, 154-166	7.3	52
92	Bimetallic Pt-Pd co-catalyst Nb-doped TiO ₂ materials for H ₂ photo-production under UV and Visible light illumination. <i>Applied Catalysis B: Environmental</i> , 2018 , 238, 533-545	21.8	51
91	Acetaldehyde degradation under UV and visible irradiation using CeO ₂ /TiO ₂ composite systems: Evaluation of the photocatalytic efficiencies. <i>Chemical Engineering Journal</i> , 2014 , 255, 297-306	14.7	50

90	Composite Bi ₂ O ₃ /TiO ₂ catalysts for toluene photo-degradation: Ultraviolet and visible light performances. <i>Applied Catalysis B: Environmental</i> , 2014 , 156-157, 307-313	21.8	49
89	Hydroxylation/oxidation of benzene over Cu-ZSM-5 systems: Optimization of the one-step route to phenol. <i>Journal of Catalysis</i> , 2007 , 250, 184-189	7.3	49
88	Influence of sulfur on the structural, surface properties and photocatalytic activity of sulfated TiO ₂ . <i>Applied Catalysis B: Environmental</i> , 2009 , 90, 633-641	21.8	47
87	Phase-Contact Engineering in Mono- and Bimetallic Cu-Ni Co-catalysts for Hydrogen Photocatalytic Materials. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 1199-1203	16.4	44
86	W,N-Codoped TiO ₂ -Anatase: A Sunlight-Operated Catalyst for Efficient and Selective Aromatic Hydrocarbons Photo-Oxidation. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 8553-8555	3.8	44
85	Heterogeneity of OH groups in NaH-mordenites: Effect of Na/H exchange degree. <i>Zeolites</i> , 1997 , 18, 245-249		43
84	Water-Gas Shift Reaction on Ni/W/Ce Catalysts: Catalytic Activity and Structural Characterization. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 2528-2538	3.8	40
83	Composite H ₃ PW ₁₂ O ₄₀ /TiO ₂ catalysts for toluene selective photo-oxidation. <i>Applied Catalysis B: Environmental</i> , 2018 , 225, 100-109	21.8	40
82	Superior performance of Ni/W/Ce mixed-metal oxide catalysts for ethanol steam reforming: Synergistic effects of W- and Ni-dopants. <i>Journal of Catalysis</i> , 2015 , 321, 90-99	7.3	38
81	Characterization and catalytic properties of CuO/CeO ₂ /MgAl ₂ O ₄ for preferential oxidation of CO in H ₂ -rich streams. <i>Applied Catalysis B: Environmental</i> , 2016 , 188, 292-304	21.8	38
80	Effect of exfoliation and surface deposition of MnO _x species in g-C ₃ N ₄ : Toluene photo-degradation under UV and visible light. <i>Applied Catalysis B: Environmental</i> , 2017 , 203, 663-672	21.8	38
79	Nanoparticulate Pd supported catalysts: size-dependent formation of Pd(I)/Pd(0) and their role in CO elimination. <i>Journal of the American Chemical Society</i> , 2011 , 133, 4484-9	16.4	38
78	Tailoring polymer/TiO ₂ film properties by presence of metal (Ag, Cu, Zn) species: Optimization of antimicrobial properties. <i>Applied Catalysis B: Environmental</i> , 2011 , 104, 346-352	21.8	38
77	Immobilization of dodecatungstophosphoric acid on dealuminated zeolite Y: a physicochemical study. <i>Applied Catalysis A: General</i> , 2000 , 194-195, 137-146	5.1	37
76	UV and visible hydrogen photo-production using Pt promoted Nb-doped TiO ₂ photo-catalysts: Interpreting quantum efficiency. <i>Applied Catalysis B: Environmental</i> , 2017 , 216, 133-145	21.8	35
75	Effective Enhancement of TiO ₂ Photocatalysis by Synergistic Interaction of Surface Species: From Promoters to Co-catalysts. <i>ACS Catalysis</i> , 2014 , 4, 4277-4288	13.1	35
74	Efficient Electrochemical Production of Syngas from CO ₂ and H ₂ O by using a Nanostructured Ag/g-C ₃ N ₄ Catalyst. <i>ChemElectroChem</i> , 2016 , 3, 1497-1502	4.3	34
73	In/Co-ferrierite: A highly active catalyst for the CH ₄ -SCR NO process under presence of steam. <i>Applied Catalysis B: Environmental</i> , 2006 , 69, 43-48	21.8	33

72	Enhancing promoting effects in g-C ₃ N ₄ -Mn ⁺ /CeO ₂ -TiO ₂ ternary composites: Photo-handling of charge carriers. <i>Applied Catalysis B: Environmental</i> , 2015 , 176-177, 687-698	21.8	32
71	Gas phase 2-propanol degradation using titania photocatalysts: Study of the quantum efficiency. <i>Applied Catalysis B: Environmental</i> , 2017 , 201, 400-410	21.8	32
70	Role of the Interface in Base-Metal Ceria-Based Catalysts for Hydrogen Purification and Production Processes. <i>ChemCatChem</i> , 2015 , 7, 3614-3624	5.2	31
69	High Activity of Ce _{1-x} Ni _x O _{2-y} for H ₂ Production through Ethanol Steam Reforming: Tuning Catalytic Performance through Metal-Oxide Interactions. <i>Angewandte Chemie</i> , 2010 , 122, 9874-9878	3.6	31
68	Kinetics of photocatalytic disinfection in TiO ₂ -containing polymer thin films: UV and visible light performances. <i>Applied Catalysis B: Environmental</i> , 2012 , 121-122, 230-238	21.8	30
67	Efficient and stable Ni ₂ e glycerol reforming catalysts: Chemical imaging using X-ray electron and scanning transmission microscopy. <i>Applied Catalysis B: Environmental</i> , 2015 , 165, 139-148	21.8	29
66	Green photo-oxidation of styrene over W ₁₈ O ₄₇ composite catalysts. <i>Journal of Catalysis</i> , 2014 , 309, 428-438	7.3	29
65	Observing oxygen storage and release at work during cycling redox conditions: synergies between noble metal and oxide promoter. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 2363-7	16.4	29
64	Abatement of organics and Escherichia coli using CeO ₂ -TiO ₂ composite oxides: Ultraviolet and visible light performances. <i>Applied Catalysis B: Environmental</i> , 2014 , 154-155, 350-359	21.8	28
63	Gas phase photocatalytic oxidation of toluene using highly active Pt doped TiO ₂ . <i>Journal of Molecular Catalysis A</i> , 2010 , 320, 14-18		28
62	Hydrogen thermo-photo production using Ru/TiO ₂ : Heat and light synergistic effects. <i>Applied Catalysis B: Environmental</i> , 2019 , 256, 117790	21.8	27
61	g-C ₃ N ₄ /TiO ₂ composite catalysts for the photo-oxidation of toluene: Chemical and charge handling effects. <i>Chemical Engineering Journal</i> , 2019 , 378, 122228	14.7	27
60	Thermo-photo degradation of 2-propanol using a composite ceria-titania catalyst: Physico-chemical interpretation from a kinetic model. <i>Applied Catalysis B: Environmental</i> , 2018 , 225, 298-306	21.8	27
59	Multitechnique analysis of supported Pd particles upon dynamic, cycling CO/NO conditions: Size-dependence of the structure-activity relationship. <i>Journal of Catalysis</i> , 2010 , 270, 275-284	7.3	26
58	UV and visible light driven H ₂ photo-production using Nb-doped TiO ₂ : Comparing Pt and Pd co-catalysts. <i>Molecular Catalysis</i> , 2017 , 437, 1-10	3.3	25
57	Making Photo-selective TiO ₂ Materials by Cation-Anion Codoping: From Structure and Electronic Properties to Photoactivity. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 18759-18767	3.8	25
56	H ₂ photo-production from methanol, ethanol and 2-propanol: Pt-(Nb)TiO ₂ performance under UV and visible light. <i>Molecular Catalysis</i> , 2018 , 446, 88-97	3.3	24
55	Influence of calcination temperature and atmosphere preparation parameters on CO-PROX activity of catalysts based on CeO ₂ /CuO inverse configurations. <i>Journal of Power Sources</i> , 2011 , 196, 4364-4369	8.9	24

54	Effect of the anatase-rutile contact in gas phase toluene photodegradation quantum efficiency. <i>Chemical Engineering Journal</i> , 2016 , 299, 393-402	14.7	23
53	Promoting H ₂ photoproduction of TiO ₂ -based materials by surface decoration with Pt nanoparticles and SnS ₂ nanoplatelets. <i>Applied Catalysis B: Environmental</i> , 2020 , 277, 119246	21.8	22
52	Tungsten as an interface agent leading to highly active and stable copper-based water gas shift catalyst. <i>Applied Catalysis B: Environmental</i> , 2013 , 132-133, 423-432	21.8	21
51	Biocidal capability optimization in organic-inorganic nanocomposites based on titania. <i>Environmental Science & Technology</i> , 2009 , 43, 1630-4	10.3	21
50	Heterogenization of 12-tungstophosphoric acid on stabilized zeolite Y. <i>Topics in Catalysis</i> , 2000 , 11/12, 391-400	2.3	21
49	Er-W codoping of TiO ₂ -anatase: Structural and electronic characterization and disinfection capability under UV-vis, and near-IR excitation. <i>Applied Catalysis B: Environmental</i> , 2018 , 228, 113-129	21.8	19
48	Dynamic operando observation of 1wt% Pd-based TWCs: Simultaneous XAS/DRIFTS/mass spectrometry analysis of the effects of Ce _{0.5} Zr _{0.5} O ₂ loading on structure, reactivity and performance. <i>Catalysis Today</i> , 2009 , 145, 288-293	5.3	19
47	Operando Spectroscopy in Photocatalysis. <i>ChemPhotoChem</i> , 2018 , 2, 777-785	3.3	18
46	Study on UV Excitation Properties of Y ₂ O ₃ :Ln ³⁺ (Ln = Eu ³⁺ or Tb ³⁺) Luminescent Nanomaterials. <i>Journal of Nanoscience and Nanotechnology</i> , 2008 , 8, 1443-1448	1.3	18
45	Catalytic properties of niobium and gallium oxide systems supported on MCM-41 type materials. <i>Applied Catalysis A: General</i> , 2007 , 325, 328-335	5.1	18
44	Toluene and styrene photo-oxidation quantum efficiency: Comparison between doped and composite tungsten-containing anatase-based catalysts. <i>Applied Catalysis B: Environmental</i> , 2019 , 245, 49-61	21.8	17
43	Oxidative dehydrogenation of propane on zeolite catalysts. <i>Catalysis Today</i> , 2000 , 61, 343-352	5.3	16
42	Surface CuO, Bi ₂ O ₃ , and CeO ₂ Species Supported in TiO ₂ -Anatase: Study of Interface Effects in Toluene Photodegradation Quantum Efficiency. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 13934-45	8.5	16
41	Toward the Green Production of H ₂ : Binary Pt/Ru Promoted Nb-TiO ₂ Based Photocatalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 15671-15683	8.3	15
40	Sn modification of TiO ₂ anatase and rutile type phases: 2-Propanol photo-oxidation under UV and visible light. <i>Applied Catalysis B: Environmental</i> , 2018 , 228, 130-141	21.8	15
39	The synergetic effect of cobalt and indium in ferrierite catalysts for selective catalytic reduction of nitric oxide with methane. <i>Chemical Communications</i> , 1998 , 2755-2756	5.8	15
38	Sunlight-Driven Hydrogen Production Using an Annular Flow Photoreactor and g-C ₃ N ₄ -Based Catalysts. <i>ChemPhotoChem</i> , 2018 , 2, 870-877	3.3	14
37	Hydrogen photogeneration using ternary CuGaS ₂ -TiO ₂ -Pt nanocomposites. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 1510-1520	6.7	14

36	Visible and ultraviolet antibacterial behavior in PVDF/TiO ₂ nanocomposite films. <i>European Polymer Journal</i> , 2015 , 71, 412-422	5.2	13
35	Facile synthesis of B/g-C ₃ N ₄ composite materials for the continuous-flow selective photo-production of acetone. <i>Green Chemistry</i> , 2020 , 22, 4975-4984	10	13
34	Surface and Bulk Approach to Time-resolved Characterization of Heterogeneous Catalysts. <i>ChemCatChem</i> , 2012 , 4, 725-737	5.2	13
33	Novel (NH ₄) ₄ [NiMo ₆ O ₂₄ H ₆]·5H ₂ O / TiO ₂ composite system: Photo-oxidation of toluene under UV and sunlight-type illumination. <i>Applied Catalysis B: Environmental</i> , 2018 , 238, 381-392	21.8	12
32	Towards full-spectrum photocatalysis: Successful approaches and materials. <i>Applied Catalysis A: General</i> , 2021 , 610, 117966	5.1	12
31	Influence of the Ce-Zr promoter on Pd behaviour under dynamic CO/NO cycling conditions: a structural and chemical approach. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 8640-7	3.6	11
30	Influence of nanoparticles on elastic and optical properties of a polymeric matrix: Hypersonic studies on ethylene/vinyl alcohol copolymer/titania nanocomposites. <i>European Polymer Journal</i> , 2010 , 46, 397-403	5.2	11
29	Boosting Pt/TiO ₂ hydrogen photoproduction through Zr doping of the anatase structure: A spectroscopic and mechanistic study. <i>Chemical Engineering Journal</i> , 2020 , 398, 125665	14.7	9
28	Sunlight-Operated TiO ₂ -Based Photocatalysts. <i>Molecules</i> , 2020 , 25,	4.8	9
27	Measuring and interpreting quantum efficiency of acid blue 9 photodegradation using TiO ₂ -based catalysts. <i>Applied Catalysis A: General</i> , 2018 , 550, 38-47	5.1	8
26	Morphological and structural behavior of TiO ₂ nanoparticles in the presence of WO ₃ : crystallization of the oxide composite system. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 19540-9	3.6	8
25	Role of TiO ₂ morphological characteristics in EVOH/TiO ₂ nanocomposite films: self-degradation and self-cleaning properties. <i>RSC Advances</i> , 2013 , 3, 8541	3.7	8
24	Characterization of Photo-catalysts: From Traditional to Advanced Approaches. <i>Topics in Current Chemistry</i> , 2019 , 377, 24	7.2	7
23	Microemulsion: A versatile synthesis tool for photocatalysis. <i>Current Opinion in Colloid and Interface Science</i> , 2020 , 49, 42-59	7.6	7
22	(NH ₄) ₄ [NiMo ₆ O ₂₄ H ₆]·5H ₂ O / g-C ₃ N ₄ materials for selective photo-oxidation of CO and CC bonds. <i>Applied Catalysis B: Environmental</i> , 2020 , 278, 119299	21.8	7
21	Observing Oxygen Storage and Release at Work during Cycling Redox Conditions: Synergies between Noble Metal and Oxide Promoter. <i>Angewandte Chemie</i> , 2012 , 124, 2413-2417	3.6	5
20	Thermo-photo production of hydrogen using ternary Pt-CeO ₂ -TiO ₂ catalysts: A spectroscopic and mechanistic study. <i>Chemical Engineering Journal</i> , 2021 , 425, 130641	14.7	5
19	Acoustic and optical phonons in EVOH/TiO ₂ nanocomposite films: Effect of aggregation. <i>Journal of Luminescence</i> , 2008 , 128, 851-854	3.8	4

18	Phase-Contact Engineering in Mono- and Bimetallic Cu-Ni Co-catalysts for Hydrogen Photocatalytic Materials. <i>Angewandte Chemie</i> , 2018 , 130, 1213-1217	3.6	3
17	Titanium Dioxide Polymer Nanocomposites with Advanced Properties 2012 , 119-149		3
16	Photocatalytic Nanooxides: The Case of TiO ₂ and ZnO 2013 , 245-266		2
15	Sunlight active g-C ₃ N ₄ -based Mn ⁺ (M Cu, Ni, Zn, Mn) promoted catalysts: Sharing of nitrogen atoms as a door for optimizing photo-activity. <i>Molecular Catalysis</i> , 2020 , 484, 110725	3.3	2
14	Synthesis, Characterization, and Photocatalytic, Bactericidal, and Molecular Docking Analysis of Cu-Fe/TiO Photocatalysts: Influence of Metallic Impurities and Calcination Temperature on Charge Recombination. <i>ACS Omega</i> , 2021 , 6, 26108-26118	3.9	2
13	Assessing quantitatively charge carrier fate in 4-chlorophenol photocatalytic degradation using globular titania catalysts: Implications in quantum efficiency calculation. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 106074	6.8	2
12	Pt/B-g-C ₃ N ₄ catalysts for hydrogen photo-production: Activity interpretation through a spectroscopic and intrinsic kinetic analysis. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 106073	6.8	2
11	Role of Alkali-Cyano group interaction in g-C ₃ N ₄ based Catalysts for Hydrogen Photo-production. <i>Catalysis Today</i> , 2021 ,	5.3	1
10	Interpreting quantum efficiency for energy and environmental applications of photo-catalytic materials. <i>Current Opinion in Chemical Engineering</i> , 2021 , 33, 100712	5.4	1
9	Oxide-based composites: applications in thermo-photocatalysis. <i>Catalysis Science and Technology</i> ,	5.5	1
8	Photocatalytic toluene degradation: braiding physico-chemical and intrinsic kinetic analyses. <i>Reaction Chemistry and Engineering</i> , 2020 , 5, 1429-1440	4.9	0
7	Photodegradation of 2-propanol in gas phase over Zirconium doped TiO ₂ : Effect of Zr content. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022 , 427, 113774	4.7	0
6	Metabolomics reveals synergy between Ag and g-CN in Ag/g-CN composite photocatalysts: a unique feature among Ag-doped biocidal materials. <i>Metabolomics</i> , 2021 , 17, 53	4.7	0
5	Pd-Pt bimetallic Nb-doped TiO ₂ for H ₂ photo-production: Gas and liquid phase processes. <i>Molecular Catalysis</i> , 2020 , 481, 110240	3.3	0
4	H ₂ Photoproduction Efficiency: Implications of the Reaction Mechanism as a Function of the Methanol/Water Mixture. <i>Catalysts</i> , 2022 , 12, 402	4	0
3	Shepherding reaction intermediates to optimize H ₂ yield using composite-doped TiO ₂ -based photocatalysts. <i>Chemical Engineering Journal</i> , 2022 , 442, 136333	14.7	0
2	Titanium Dioxide-Based Plastic Technologies 2011 , 351-377		
1	Composite materials in thermo-photo catalysis 2021 , 409-420		

