

ValÃ©rie Keller

List of Publications by Year in descending order

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122
papers

5,012
citations

87888

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h-index

106344

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all docs

127
docs citations

127
times ranked

6816
citing authors

#	ARTICLE	IF	CITATIONS
1	Solar light photocatalytic hydrogen production from water over Pt and Au/TiO ₂ (anatase/rutile) photocatalysts: Influence of noble metal and porogen promotion. Journal of Catalysis, 2010, 269, 179-190.	6.2	289
2	Photocatalytic oxidation of butyl acetate in vapor phase on TiO ₂ , Pt/TiO ₂ and WO ₃ /TiO ₂ catalysts. Journal of Catalysis, 2003, 215, 129-138.	6.2	233
3	Ethylene Removal and Fresh Product Storage: A Challenge at the Frontiers of Chemistry. Toward an Approach by Photocatalytic Oxidation. Chemical Reviews, 2013, 113, 5029-5070.	47.7	208
4	Catalysts, mechanisms and industrial processes for the dimethylcarbonate synthesis. Journal of Molecular Catalysis A, 2010, 317, 1-18.	4.8	204
5	TiO ₂ Photocatalysis Damages Lipids and Proteins in Escherichia coli. Applied and Environmental Microbiology, 2014, 80, 2573-2581.	3.1	195
6	Oxidative dehydrogenation of ethylbenzene to styrene over ultra-dispersed diamond and onion-like carbon. Carbon, 2007, 45, 2145-2151.	10.3	168
7	Au/TiO ₂ g-C ₃ N ₄ Nanocomposites for Enhanced Photocatalytic H ₂ Production from Water under Visible Light Irradiation with Very Low Quantities of Sacrificial Agents. Advanced Energy Materials, 2018, 8, 1702142.	19.5	163
8	Activation and isomerization of hydrocarbons over WO ₃ /ZrO ₂ catalysts. Preparation, characterization, and X-ray photoelectron spectroscopy studies. Journal of Catalysis, 2004, 225, 45-55.	6.2	124
9	Synthesis and characterisation of medium surface area silicon carbide nanotubes. Carbon, 2003, 41, 2131-2139.	10.3	123
10	Single-Step Synthesis of SnS ₂ Nanosheet-Decorated TiO ₂ Anatase Nanofibers as Efficient Photocatalysts for the Degradation of Gas-Phase Diethylsulfide. ACS Applied Materials & Interfaces, 2015, 7, 19324-19334.	8.0	105
11	Rare earth co-doped ZnO photocatalysts: Solution combustion synthesis and environmental applications. Separation and Purification Technology, 2020, 237, 116328.	7.9	98
12	Impact of three different TiO ₂ morphologies on hydrogen evolution by methanol assisted water splitting: Nanoparticles, nanotubes and aerogels. International Journal of Hydrogen Energy, 2011, 36, 14360-14373.	7.1	84
13	Influence of the gas atmosphere during the synthesis of g-C ₃ N ₄ for enhanced photocatalytic H ₂ production from water on Au/g-C ₃ N ₄ composites. Journal of Materials Chemistry A, 2019, 7, 14849-14863.	10.3	81
14	Layer-by-Layer Deposited Titanate-Based Nanotubes for Solar Photocatalytic Removal of Chemical Warfare Agents from Textiles. Angewandte Chemie - International Edition, 2009, 48, 161-164.	13.8	80
15	Photocatalytic behavior of a new composite ternary system: WO ₃ /SiC-TiO ₂ . Effect of the coupling of semiconductors and oxides in photocatalytic oxidation of methylethylketone in the gas phase. Catalysis Communications, 2003, 4, 377-383.	3.3	79
16	Mesoporous TiO ₂ -based photocatalysts for UV and visible light gas-phase toluene degradation. Thin Solid Films, 2006, 495, 272-279.	1.8	79
17	Chemistry of NO _x on TiO ₂ Surfaces Studied by Ambient Pressure XPS: Products, Effect of UV Irradiation, Water, and Coadsorbed K ⁺ . Journal of Physical Chemistry Letters, 2013, 4, 536-541.	4.6	79
18	Bio-Inspired Nanostructured Sensor for the Detection of Ultralow Concentrations of Explosives. Angewandte Chemie - International Edition, 2012, 51, 5334-5338.	13.8	75

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19	One step synthesis of niobium doped titania nanotube arrays to form (N,Nb) co-doped TiO ₂ with high visible light photoelectrochemical activity. Journal of Materials Chemistry A, 2013, 1, 2151-2160.	10.3	75
20	Numeration methods for targeting photoactive materials in the UV-A photocatalytic removal of microorganisms. Chemical Society Reviews, 2008, 37, 744.	38.1	72
21	Comparison of Hombikat UV100 and P25 TiO ₂ performance in gas-phase photocatalytic oxidation reactions. Journal of Photochemistry and Photobiology A: Chemistry, 2012, 250, 58-65.	3.9	69
22	Catalytic Activity of Bulk Tungsten Carbides for Alkane Reforming. Journal of Catalysis, 1995, 153, 9-16.	6.2	67
23	A parametric study of the UV-A photocatalytic oxidation of H ₂ S over TiO ₂ . Applied Catalysis B: Environmental, 2012, 115-116, 209-218.	20.2	59
24	Î ² -SiC foams as a promising structured photocatalytic support for water and air detoxification. Catalysis Today, 2013, 209, 13-20.	4.4	59
25	Biological agent inactivation in a flowing air stream by photocatalysis. Chemical Communications, 2005, , 2918.	4.1	58
26	Gas phase photocatalytic removal of toluene effluents on sulfated titania. Journal of Catalysis, 2005, 235, 318-326.	6.2	57
27	Solar light-activated photocatalytic degradation of gas phase diethylsulfide on WO ₃ -modified TiO ₂ nanotubes. Applied Catalysis B: Environmental, 2013, 138-139, 128-140.	20.2	54
28	Au/TiO ₂ (P25)-gC ₃ N ₄ composites with low gC ₃ N ₄ content enhance TiO ₂ sensitization for remarkable H ₂ production from water under visible-light irradiation. Nano Energy, 2020, 75, 104888.	16.0	53
29	Structural and electronic effects in bimetallic PdPt nanoparticles on TiO ₂ for improved photocatalytic oxidation of CO in the presence of humidity. Applied Catalysis B: Environmental, 2015, 166-167, 381-392.	20.2	50
30	Activation of solid grinding-derived Au/TiO ₂ photocatalysts for solar H ₂ production from water-methanol mixtures with low alcohol content. Journal of Catalysis, 2017, 352, 22-34.	6.2	49
31	Preliminary study of the use of Î ² -SiC foam as a photocatalytic support for water treatment. Catalysis Today, 2011, 161, 3-7.	4.4	48
32	Macroscopic carbon nanofibers for use as photocatalyst support. Catalysis Today, 2005, 101, 323-329.	4.4	47
33	Room temperature visible light oxidation of CO by high surface area rutile TiO ₂ -supported metal photocatalyst. Applied Catalysis B: Environmental, 2007, 69, 133-137.	20.2	47
34	3D solid carbon foam-based photocatalytic materials for vapor phase flow-through structured photoreactors. Applied Catalysis A: General, 2010, 382, 122-130.	4.3	42
35	Self-decontaminating layer-by-layer functionalized textiles based on WO ₃ -modified titanate nanotubes. Application to the solar photocatalytic removal of chemical warfare agents. Applied Catalysis A: General, 2011, 391, 455-467.	4.3	42
36	UV-A photocatalytic treatment of Legionella pneumophila bacteria contaminated airflows through three-dimensional solid foam structured photocatalytic reactors. Journal of Hazardous Materials, 2010, 175, 372-381.	12.4	41

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37	Sn-doped and porogen-modified TiO ₂ photocatalyst for solar light elimination of sulfure diethyle as a model for chemical warfare agent. Applied Catalysis B: Environmental, 2019, 245, 279-289.	20.2	41
38	Temperature dependent photoluminescence of anatase and rutile TiO ₂ single crystals: Polaron and self-trapped exciton formation. Journal of Applied Physics, 2018, 124, .	2.5	39
39	TiO ₂ /β-SiC foam-structured photoreactor for continuous wastewater treatment. Environmental Science and Pollution Research, 2012, 19, 3727-3734.	5.3	37
40	β-SiC alveolar foams as a structured photocatalytic support for the gas phase photocatalytic degradation of methylethylketone. Applied Catalysis B: Environmental, 2015, 170-171, 301-311.	20.2	36
41	Catalytic Activity of Bulk Tungsten Carbides for Alkane Reforming. III. Reaction Mechanisms and the Kinetic Model. Journal of Catalysis, 1997, 166, 136-147.	6.2	35
42	UV-A photocatalytic treatment of high flow rate air contaminated with Legionella pneumophila. Catalysis Today, 2007, 129, 215-222.	4.4	35
43	Niobium Alloying of Self-Organized TiO ₂ Nanotubes as an Anode for Lithium-Ion Microbatteries. Advanced Materials Technologies, 2018, 3, 1700274.	5.8	33
44	Catalytic Activity of Reduced MoO ₃ /α-Al ₂ O ₃ for Hexanes Reforming. Journal of Catalysis, 1999, 185, 1-11.	6.2	32
45	Beta zeolite supported sol-gel TiO ₂ materials for gas phase photocatalytic applications. Journal of Hazardous Materials, 2011, 186, 1218-1225.	12.4	32
46	On the modification of photocatalysts for improving visible light and UV degradation of gas-phase toluene over TiO ₂ . Applied Catalysis B: Environmental, 2007, 70, 423-430.	20.2	31
47	Plasmonic Au-based junctions onto TiO ₂ , gC ₃ N ₄ , and TiO ₂ -gC ₃ N ₄ systems for photocatalytic hydrogen production: Fundamentals and challenges. Renewable and Sustainable Energy Reviews, 2021, 149, 111095.	16.4	31
48	Au/TiO ₂ photocatalysts prepared by solid grinding for artificial solar-light water splitting. New Journal of Chemistry, 2016, 40, 4428-4435.	2.8	30
49	A new one-dimensional tungsten carbide nanostructured material. Materials Letters, 2006, 60, 1774-1777.	2.6	29
50	H ₂ S photocatalytic oxidation over WO ₃ /TiO ₂ Hombikat UV100. Environmental Science and Pollution Research, 2014, 21, 3503-3514.	5.3	29
51	Temperature dependent photoluminescence of photocatalytically active titania nanopowders. Catalysis Today, 2007, 122, 101-108.	4.4	28
52	Cu-Y zeolite supported on silicon carbide for the vapour phase oxidative carbonylation of methanol to dimethyl carbonate. Green Chemistry, 2008, 10, 207-213.	9.0	28
53	Enhanced CO photocatalytic oxidation in the presence of humidity by tuning composition of Pd-Pt bimetallic nanoparticles supported on TiO ₂ . Chemical Communications, 2011, 47, 5331.	4.1	28
54	WO ₃ -modified TiO ₂ nanotubes for photocatalytic elimination of methylethylketone under UVA and solar light irradiation. Journal of Photochemistry and Photobiology A: Chemistry, 2012, 245, 43-57.	3.9	28

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55	Catalytic Activity of Bulk Tungsten Carbides for Alkane Reforming. II. Catalytic Activity of Tungsten Carbides Modified by Oxygen. <i>Journal of Catalysis</i> , 1997, 166, 125-135.	6.2	27
56	Effect of ball-milling and Fe-/Al-doping on the structural aspect and visible light photocatalytic activity of TiO ₂ towards Escherichia coli bacteria abatement. <i>Materials Science and Engineering C</i> , 2014, 38, 11-19.	7.3	27
57	Effect of deposition of Ag nanoparticles on photoelectrocatalytic activity of vertically aligned TiO ₂ nanotubes. <i>Catalysis Today</i> , 2012, 189, 93-100.	4.4	26
58	Ta-doped TiO ₂ as photocatalyst for UV-A activated elimination of chemical warfare agent simulant. <i>Journal of Catalysis</i> , 2016, 334, 129-141.	6.2	26
59	Photocatalytic Decontamination of Airborne T2 Bacteriophage Viruses in a Small-Size TiO ₂ /SiC Alveolar Foam LED Reactor. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	2.4	26
60	High surface area submicrometer-sized TiO ₂ -SiC particles grown by shape memory synthesis method. <i>Diamond and Related Materials</i> , 2005, 14, 1353-1360.	3.9	25
61	Photocatalytic Treatment of Bioaerosols: Impact of the Reactor Design. <i>Environmental Science & Technology</i> , 2010, 44, 2605-2611.	10.0	25
62	Photocatalytic degradation of butanone (methyl ethyl ketone) in a small-size TiO ₂ /SiC alveolar foam LED reactor. <i>Applied Catalysis B: Environmental</i> , 2014, 154-155, 301-308.	20.2	24
63	Porogen Template Assisted TiO ₂ Rutile Coupled Nanomaterials for Improved Visible and Solar Light Photocatalytic Applications. <i>Catalysis Letters</i> , 2008, 123, 65-71.	2.6	23
64	Activation and isomerization of hydrocarbons over WO ₃ /ZrO ₂ catalysts. II. Influence of tungsten loading on catalytic activity: Mechanistic studies and correlation with surface reducibility and tungsten surface species. <i>Journal of Catalysis</i> , 2008, 256, 159-171.	6.2	23
65	A new TiO ₂ -SiC material for use as photocatalyst. <i>Materials Letters</i> , 2004, 58, 970-974.	2.6	22
66	Antibacterial textiles functionalized by layer-by-layer assembly of polyelectrolytes and TiO ₂ photocatalyst. <i>RSC Advances</i> , 2015, 5, 38859-38867.	3.6	22
67	Probing the Role of Atomic Defects in Photocatalytic Systems through Photoinduced Enhanced Raman Scattering. <i>ACS Energy Letters</i> , 2021, 6, 4273-4281.	17.4	22
68	Synthesis and characterization of a new medium surface area TiO ₂ -SiC material for use as photocatalyst. <i>Journal of Materials Chemistry</i> , 2004, 14, 1887-1895.	6.7	21
69	Macronized aligned carbon nanotubes for use as catalyst support and ceramic nanoporous membrane template. <i>Catalysis Today</i> , 2009, 145, 76-84.	4.4	21
70	Monitoring the bactericidal effect of UV-A photocatalysis: A first approach through 1D and 2D protein electrophoresis. <i>Catalysis Today</i> , 2009, 147, 169-172.	4.4	21
71	The effect of surface composition on the activity and selectivity in skeletal rearrangement of hydrocarbons on bulk and model tungsten carbides. <i>Catalysis Today</i> , 1993, 17, 493-504.	4.4	20
72	Catalytic activity and XPS surface determination of tungsten carbide for hydrocarbon reforming. Influence of the oxygen. <i>Catalysis Letters</i> , 1995, 35, 65-74.	2.6	20

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73	Wide band gap Ga ₂ O ₃ as efficient UV-C photocatalyst for gas-phase degradation applications. <i>Environmental Science and Pollution Research</i> , 2017, 24, 26792-26805.	5.3	20
74	Alveolar TiO ₂ -SiC photocatalytic composite foams with tunable properties for water treatment. <i>Catalysis Today</i> , 2019, 328, 235-242.	4.4	20
75	Comparative study of the photocatalytic effects of pulsed laser deposited CoO and NiO nanoparticles onto TiO ₂ nanotubes for the photoelectrochemical water splitting. <i>Solar Energy Materials and Solar Cells</i> , 2020, 217, 110703.	6.2	20
76	Tungsten carbides as substitutes of platinumoids in heterogeneous catalysis I. The effect of surface composition on the reactivity of methylcyclopentane on tungsten carbides. <i>Catalysis Letters</i> , 1991, 10, 137-148.	2.6	19
77	Catalytic Activity of Reduced MoO ₃ -Al ₂ O ₃ for Hexanes Reforming. <i>Journal of Catalysis</i> , 2000, 189, 269-280.	6.2	19
78	Tunable Generation and Adsorption of Energetic Compounds in the Vapor Phase at Trace Levels: A Tool for Testing and Developing Sensitive and Selective Substrates for Explosive Detection. <i>Analytical Chemistry</i> , 2010, 82, 3389-3393.	6.5	18
79	Synthesis of transparent vertically aligned TiO ₂ nanotubes on a few-layer graphene (FLG) film. <i>Chemical Communications</i> , 2012, 48, 1224-1226.	4.1	18
80	Synthesis of vertically aligned titanium dioxide nanotubes on microcantilevers for new nanostructured micromechanical sensors for explosive detection. <i>Sensors and Actuators B: Chemical</i> , 2013, 182, 489-497.	7.8	18
81	Cracking and skeletal isomerization of hexenes on acidic MoO ₃ -WO ₃ -Al ₂ O ₃ oxide. <i>Applied Catalysis A: General</i> , 2001, 218, 13-24.	4.3	17
82	TiO ₂ nanorods for gas phase photocatalytic applications. <i>Catalysis Today</i> , 2014, 235, 193-200.	4.4	17
83	Characterization and charge transfer properties of organic BODIPY dyes integrated in TiO ₂ nanotube based dye-sensitized solar cells. <i>RSC Advances</i> , 2016, 6, 91529-91540.	3.6	17
84	One-pot synthesis of lightly doped Zn _{1-x} Cu _x O and Au-Zn _{1-x} Cu _x O with solar light photocatalytic activity in liquid phase. <i>Environmental Science and Pollution Research</i> , 2017, 24, 15622-15633.	5.3	16
85	On the role of BmimPF ₆ and P/F- containing additives in the sol-gel synthesis of TiO ₂ photocatalysts with enhanced activity in the gas phase degradation of methyl ethyl ketone. <i>Applied Catalysis B: Environmental</i> , 2018, 234, 56-69.	20.2	16
86	Layer-by-Layer Photocatalytic Assembly for Solar Light-Activated Self-Decontaminating Textiles. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 34438-34445.	8.0	15
87	Influence of the anatase/rutile ratio on the charge transport properties of TiO ₂ -NTs arrays studied by dual wavelength opto-electrochemical impedance spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 31469-31478.	2.8	15
88	Functionalized TiO ₂ Nanorods on a Microcantilever for the Detection of Organophosphorus Chemical Agents in Air. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 35122-35131.	8.0	15
89	Plasmonic photocatalysis applied to solar fuels. <i>Faraday Discussions</i> , 2019, 214, 417-439.	3.2	15
90	High-efficiency WO ₃ /carbon nanotubes for olefin skeletal isomerization. <i>Catalysis Today</i> , 2005, 102-103, 94-100.	4.4	14

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91	Photocatalytically Active Polyelectrolyte/Nanoparticle Films for the Elimination of a Model Odorous Gas. <i>Macromolecular Rapid Communications</i> , 2011, 32, 1145-1149.	3.9	13
92	High-Frequency Stimulation of Normal and Blind Mouse Retinas Using TiO ₂ Nanotubes. <i>Advanced Functional Materials</i> , 2018, 28, 1804639.	14.9	13
93	High surface-to-volume hybrid platelet reactor filled with catalytically grown vertically aligned carbon nanotubes. <i>Catalysis Today</i> , 2010, 150, 133-139.	4.4	12
94	On the use of capillary cytometry for assessing the bactericidal effect of TiO ₂ . Identification and involvement of reactive oxygen species. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 610-620.	2.9	12
95	Antibacterial and Biofilm-Preventive Photocatalytic Activity and Mechanisms on P/F-Modified TiO ₂ Coatings. <i>ACS Applied Bio Materials</i> , 2020, 3, 5687-5698.	4.6	12
96	Towards the oxygenated phase coverage rate of β -SiC surface. <i>Diamond and Related Materials</i> , 2008, 17, 1867-1870.	3.9	11
97	Kinetic approach of surface acidity of W ₂ N, Mo ₂ N and NbN catalysts using methylbutynol as molecular probe. <i>Journal of Molecular Catalysis A</i> , 2002, 188, 163-172.	4.8	10
98	A tool for direct quantitative measurement of surface Brønsted acid sites of solids by H/D exchange using D ₂ O. <i>Applied Catalysis A: General</i> , 2005, 289, 37-43.	4.3	10
99	Optical limiting behavior of carbon nanotubes exposed to infrared laser irradiations studied by the Z-scan technique. <i>Applied Optics</i> , 2010, 49, 1097.	2.1	10
100	Few Layer Graphene/TiO ₂ Composites for Enhanced Solar-Driven H ₂ Production from Methanol. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 3633-3646.	6.7	10
101	Enhanced visible-light-photoconversion efficiency of TiO ₂ nanotubes decorated by pulsed laser deposited CoNi nanoparticles. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 28656-28667.	7.1	9
102	Sulfate-promoted Titania Photocatalyst for High Efficiency Gas Phase Toluene Degradation. <i>Chemistry Letters</i> , 2005, 34, 336-337.	1.3	8
103	Photocatalytic removal of monoterpenes in the gas phase. Activity and regeneration. <i>Green Chemistry</i> , 2009, 11, 966.	9.0	8
104	Theoretical and photo-electrochemical studies of surface plasmon induced visible light absorption of Ag loaded TiO ₂ nanotubes for water splitting. <i>Applied Physics Letters</i> , 2016, 109, 153903.	3.3	8
105	Double side nanostructuring of microcantilever sensors with TiO ₂ -NTs as a route to enhance their sensitivity. <i>Nanoscale</i> , 2020, 12, 13338-13345.	5.6	8
106	Mesostructured Anatase TiO ₂ for Visible Light and UV Photocatalysis With Confinement Effect and Semiconductor Coupling. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2008, 130, .	1.8	7
107	Direct quantitative determination of surface Brønsted acidity of solids by H/D exchange using D ₂ O. <i>Chemical Communications</i> , 2005, , 201-203.	4.1	6
108	Study of the isomerization of ¹³ C labelled methylpentanes on oxygen modified bulk tungsten carbides. <i>Physical Chemistry Chemical Physics</i> , 2000, 2, 2893-2902.	2.8	5

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109	Bio-inspired Explosive Sensors and Specific Signatures. <i>Procedia Engineering</i> , 2014, 87, 740-746.	1.2	5
110	Modified-TiO ₂ Photocatalyst Supported on β -SiC Foams for the Elimination of Gaseous Diethyl Sulfide as an Analog for Chemical Warfare Agent: Towards the Development of a Photoreactor Prototype. <i>Catalysts</i> , 2021, 11, 403.	3.5	5
111	H/D exchange using D ₂ O on carbon materials: A flexible tool for surface Brønsted acidity direct measurement. <i>Catalysis Today</i> , 2005, 102-103, 266-272.	4.4	4
112	Anions and cations distribution in M ₅₊ /N ₃₋ co-alloyed TiO ₂ nanotubular structures for photo-electrochemical water splitting. <i>Materials Science in Semiconductor Processing</i> , 2018, 73, 22-29.	4.0	4
113	Electrosynthesis of gradient TiO ₂ nanotubes and rapid screening using scanning photoelectrochemical microscopy. <i>Sustainable Energy and Fuels</i> , 2020, 4, 1099-1104.	4.9	4
114	Titania-Carbon Nitride Interfaces in Gold-Catalyzed CO Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 61015-61026.	8.0	4
115	Title is missing!. <i>Catalysis Letters</i> , 1997, 47, 63-69.	2.6	3
116	Design of an efficient measurement cell for characterizing sensing properties of nanostructured sensitive layers coated on chips. <i>Sensors and Actuators B: Chemical</i> , 2012, 166-167, 829-832.	7.8	3
117	Reply to Comment on "Tunable Generation and Adsorption of Energetic Compounds in the Vapor Phase at Trace Levels: A Tool for Testing and Developing Sensitive and Selective Substrates for Explosive Detection". <i>Analytical Chemistry</i> , 2013, 85, 3016-3016.	6.5	2
118	Nanostructured and functionalized cantilever for sensing organophosphorous compounds. , 2019, , .		2
119	Investigation of interactions between organophosphorus compounds and TiO ₂ modified microcantilevers for molecule detection in air. <i>Materials Advances</i> , 2022, 3, 3600-3609.	5.4	1
120	Macromol. Rapid Commun. 15/2011. <i>Macromolecular Rapid Communications</i> , 2011, 32, .	3.9	0
121	Ordered Layers of TiO ₂ Nanotubes as Anode for Photoelectrochemical Water Splitting. <i>ECS Meeting Abstracts</i> , 2011, , .	0.0	0
122	Niobium Alloying of Self-Organized TiO ₂ Nanotubes As an Anode for Lithium-Ion Micro Batteries. <i>ECS Meeting Abstracts</i> , 2018, , .	0.0	0