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## List of Publications by Year in descending order

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35  
papers

944  
citations

516710

16  
h-index

454955

30  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1155  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical properties, chemical composition and thickness of passive film formed on novel Tiâ€“20Nbâ€“10Zrâ€“5Ta alloy. <i>Electrochimica Acta</i> , 2013, 99, 176-189.	5.2	101
2	Improved electronâ€“hole separation and migration in anatase TiO <sub>2</sub> nanorod/reduced graphene oxide composites and their influence on photocatalytic performance. <i>Nanoscale</i> , 2017, 9, 4578-4592.	5.6	81
3	Protection of copper against corrosion in simulated urban rain by the combined action of benzotriazole, 2-mercaptobenzimidazole and stearic acid. <i>Corrosion Science</i> , 2015, 98, 180-191.	6.6	74
4	Corrosion resistance of high-level-hydrophobic layers in combination with Vitamin E â€“ (Î±-tocopherol) as green inhibitor. <i>Corrosion Science</i> , 2015, 97, 7-16.	6.6	66
5	Revisiting terephthalic acid and coumarin as probes for photoluminescent determination of hydroxyl radical formation rate in heterogeneous photocatalysis. <i>Applied Catalysis A: General</i> , 2020, 598, 117566.	4.3	63
6	Electron trapping energy states of TiO <sub>2</sub> â€“WO <sub>3</sub> composites and their influence on photocatalytic degradation of bisphenol A. <i>Applied Catalysis B: Environmental</i> , 2017, 209, 273-284.	20.2	59
7	Brookite vs. rutile vs. anatase: What's behind their various photocatalytic activities?. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107722.	6.7	52
8	Synthesis and adsorption behavior of mesoporous alumina and Fe-doped alumina for the removal of dominant arsenic species in contaminated waters. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 102901.	6.7	50
9	TiO <sub>2</sub> -Bi <sub>2</sub> O <sub>3</sub> /(BiO) <sub>2</sub> CO <sub>3</sub> -reduced graphene oxide composite as an effective visible light photocatalyst for degradation of aqueous bisphenol A solutions. <i>Catalysis Today</i> , 2018, 315, 237-246.	4.4	35
10	Alkali and earth alkali modified CuOx/SiO <sub>2</sub> catalysts for propylene partial oxidation: What determines the selectivity?. <i>Applied Catalysis B: Environmental</i> , 2018, 237, 214-227.	20.2	32
11	Modified diatomites for Fenton-like oxidation of phenol. <i>Microporous and Mesoporous Materials</i> , 2017, 239, 396-408.	4.4	29
12	Photocatalytic degradation of imidacloprid in the flat-plate photoreactor under UVA and simulated solar irradiance conditionsâ€“The influence of operating conditions, kinetics and degradation pathway. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105611.	6.7	29
13	Effect of Au loading on Schottky barrier height in TiO <sub>2</sub> +Au plasmonic photocatalysts. <i>Applied Surface Science</i> , 2022, 579, 152196.	6.1	26
14	TiO <sub>2</sub> -Bi <sub>2</sub> O <sub>3</sub> junction as a leverage for the visible-light activity of TiO <sub>2</sub> based catalyst used for environmental applications. <i>Catalysis Today</i> , 2021, 361, 165-175.	4.4	23
15	The influence of Schottky barrier height onto visible-light triggered photocatalytic activity of TiO <sub>2</sub> +Au composites. <i>Applied Surface Science</i> , 2021, 543, 148799.	6.1	22
16	Exploring the effect of morphology and surface properties of nanoshaped Pd/CeO <sub>2</sub> catalysts on CO <sub>2</sub> hydrogenation to methanol. <i>Applied Catalysis A: General</i> , 2021, 627, 118394.	4.3	22
17	Characterization of self-assembled layers made with stearic acid, benzotriazole, or 2-mercaptobenzimidazole on surface of copper for corrosion protection in simulated urban rain. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2017, 68, 30-41.	1.5	16
18	Catalytic ozonation of an azo-dye using a natural aluminosilicate. <i>Catalysis Today</i> , 2021, 361, 24-29.	4.4	16

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19	Sputtered vs. sol-gel TiO <sub>2</sub> -doped films: Characterization and assessment of aqueous bisphenol A oxidation under UV and visible light radiation. <i>Catalysis Today</i> , 2020, 357, 380-391.	4.4	15
20	The influence of synthesis conditions on the visible-light triggered photocatalytic activity of g-C <sub>3</sub> N <sub>4</sub> /TiO <sub>2</sub> composites used in AOPs. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107656.	6.7	15
21	Quaternary Tiâ€“20Nbâ€“10Zrâ€“5Ta alloy during immersion in simulated physiological solutions: formation of layers, dissolution and biocompatibility. <i>Journal of Materials Science: Materials in Medicine</i> , 2014, 25, 1099-1114.	3.6	13
22	Screening of catalytic activity of natural iron-bearing materials towards the Catalytic Wet Peroxide Oxidation of Orange II. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 2027-2040.	6.7	13
23	Corrosion protection of brasses and zinc in simulated urban rain. Part II. The combination of inhibitors benzotriazole and 2â€“mercaptobenzimidazole with stearic acid. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2016, 67, 92-103.	1.5	12
24	Catalytic wet air oxidation of bisphenol A aqueous solution in trickle-bed reactor over single TiO <sub>2</sub> polymorphs and their mixtures. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 2148-2158.	6.7	12
25	Tunable poly(aryleneethynylene) networks prepared by emulsion templating for visible-light-driven photocatalysis. <i>Catalysis Today</i> , 2021, 361, 146-151.	4.4	9
26	Effect of Surface Chemistry and Crystallographic Parameters of TiO <sub>2</sub> Anatase Nanocrystals on Photocatalytic Degradation of Bisphenol A. <i>Catalysts</i> , 2019, 9, 447.	3.5	8
27	Highly Porous Poly(arylene cyano-vinylene) Beads Derived through the Knoevenagel Condensation of the Oil-in-Oil-in-Oil Double Emulsion Templates. <i>ACS Macro Letters</i> , 2021, 10, 1248-1253.	4.8	8
28	Azine- and imine-linked conjugated polyHIPEs through Schiff-base condensation reaction. <i>Polymer Chemistry</i> , 2022, 13, 474-478.	3.9	8
29	Structural Analysis, Electrochemical Behavior, and Biocompatibility of Novel Quaternary Titanium Alloy with near I <sup>2</sup> Structure. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2014, 45, 3130-3143.	2.2	7
30	Corrosion protection of brasses and zinc in simulated urban rain. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2015, 66, 1402-1413.	1.5	7
31	Hierarchically structured TiO <sub>2</sub> -based composites for Fenton-type oxidation processes. <i>Journal of Environmental Management</i> , 2019, 236, 591-602.	7.8	7
32	Influence of TiO <sub>2</sub> Morphology and Crystallinity on Visible-Light Photocatalytic Activity of TiO <sub>2</sub> -Bi <sub>2</sub> O <sub>3</sub> Composite in AOPs. <i>Catalysts</i> , 2020, 10, 395.	3.5	7
33	Evaluation of low-cost geo-adsorbents for As(V) removal. <i>Environmental Technology and Innovation</i> , 2021, 21, 101341.	6.1	4
34	Influence of temperature and different hydroxides on properties of activated carbon prepared from saccharose. Characterization, thermal degradation kinetic and dyes removal from water solutions. <i>Science of Sintering</i> , 2018, 50, 255-273.	1.4	3
35	Nanostructured composites based on Bi and Ti mixed oxides for visible-light assisted heterogeneous photocatalysis. , 2021, , 397-407.		0