

Morten Enggrob Simonsen

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

948
citations

623734

14
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

1427
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of the OH groups on the photocatalytic activity and photoinduced hydrophilicity of microwave assisted sol-gel TiO ₂ film. Applied Surface Science, 2009, 255, 8054-8062.	6.1	160
2	XPS and FT-IR investigation of silicate polymers. Journal of Materials Science, 2009, 44, 2079-2088.	3.7	159
3	Sol-gel reactions of titanium alkoxides and water: influence of pH and alkoxy group on cluster formation and properties of the resulting products. Journal of Sol-Gel Science and Technology, 2010, 53, 485-497.	2.4	92
4	Synthesis of an iron-graphene based particle electrode for pesticide removal in three-dimensional heterogeneous electro-Fenton water treatment system. Chemical Engineering Journal, 2020, 395, 125025.	12.7	89
5	Surface properties and photocatalytic activity of nanocrystalline titania films. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 200, 192-200.	3.9	85
6	Photocatalytic bleaching of p-nitrosodimethylaniline and a comparison to the performance of other AOP technologies. Journal of Photochemistry and Photobiology A: Chemistry, 2010, 216, 244-249.	3.9	75
7	A simple, inexpensive method for the rapid testing of the photocatalytic activity of self-cleaning surfaces. Journal of Photochemistry and Photobiology A: Chemistry, 2013, 272, 18-20.	3.9	51
8	Photocatalytic activity indicator inks for probing a wide range of surfaces. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 290, 63-71.	3.9	35
9	Optimized process for recovery of glass- and carbon fibers with retained mechanical properties by means of near- and supercritical fluids. Journal of Supercritical Fluids, 2017, 124, 80-89.	3.2	25
10	Synthesis and characterization of silicate polymers. Journal of Sol-Gel Science and Technology, 2009, 50, 372-382.	2.4	23
11	Investigation of surface energy, wettability and zeta potential of titanium dioxide/graphene oxide membranes. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 366, 162-170.	3.9	22
12	Superhydrophilicity and durability of fluoropolymer-TiO ₂ coatings. Progress in Organic Coatings, 2016, 90, 132-138.	3.9	18
13	Conversion of the matrix in glass fiber reinforced composites into a high heating value oil and other valuable feedstocks. Fuel Processing Technology, 2016, 149, 29-39.	7.2	17
14	Characterization of the Liquid Products from Hydrolyzed Epoxy and Polyester Resin Composites Using Solid-Phase Microextraction and Recovery of the Monomer Phthalic Acid. Industrial & Engineering Chemistry Research, 2016, 55, 9118-9128.	3.7	17
15	Heterogeneous Photocatalysis. , 2014, , 135-170.		13
16	ESI-MS investigation of the polymerization of inorganic polymers. International Journal of Mass Spectrometry, 2009, 285, 78-85.	1.5	11
17	Investigation of degradation products produced by recycling the solvent during chemical degradation of fiber-reinforced composites. Journal of Reinforced Plastics and Composites, 2017, 36, 1286-1296.	3.1	11
18	Towards understanding the breakdown and mechanisms of glass fiber reinforced polyester composites in sub-critical water using some of the most employed and efficient additives from literature. Polymer Degradation and Stability, 2018, 152, 10-19.	5.8	11

#	ARTICLE	IF	CITATIONS
19	Brewing as a Comprehensive Learning Platform in Chemical Engineering. Journal of Chemical Education, 2016, 93, 1549-1555.	2.3	10
20	Comparison of methods for evaluation of activity of photocatalytic films. Environmental Science and Pollution Research, 2012, 19, 3772-3781.	5.3	9
21	Removal of tributyltin from contaminated seawater by combinations of photolytic and TiO ₂ mediated photocatalytic processes. Journal of Environmental Chemical Engineering, 2017, 5, 3201-3206.	6.7	7
22	Identification of Ti Clusters during Nucleation and Growth of Sol-Gel-Derived TiO ₂ Nanoparticles. European Journal of Mass Spectrometry, 2013, 19, 265-273.	1.0	3
23	Nitrogen-Doped Graphene Iron-Based Particle Electrode Outperforms Activated Carbon in Three-Dimensional Electrochemical Water Treatment Systems. Water (Switzerland), 2020, 12, 3121.	2.7	3
24	Comparison of Different UV-activated AOP Methods. Journal of Advanced Oxidation Technologies, 2013, 16, .	0.5	1
25	Principal Component Analysis of the Effect of Batch Variation, TiO ₂ Content and Reduction Temperature on the Surface Energy of TiO ₂ /Graphene Oxide Membranes upon UV-C Activation. Topics in Catalysis, 2021, 64, 806-816.	2.8	1