Masami Sugasawa

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1148248/publications.pdf

Version: 2024-02-01

17	273	933447 10	940533 16
papers	citations	h-index	g-index

17	17	17	335
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of dissolved silica on photocatalytic water purification with a TiO2 ceramic catalyst. Water Research, 2019, 150, 40-46.	11.3	21
2	Zirconium/cerium oxide solid solutions with addition of SiO2 as ozone-assisted catalysts for toluene oxidation. Catalysis Communications, 2015, 61, 112-116.	3.3	9
3	Ozone-Assisted Catalysis of Toluene with Layered ZSM-5 and Ag/ZSM-5 Zeolites. Plasma Chemistry and Plasma Processing, 2013, 33, 1083-1098.	2.4	29
4	Effect of Different Combinations of Metal and Zeolite on Ozone-Assisted Catalysis for Toluene Removal. Ozone: Science and Engineering, 2011, 33, 158-163.	2.5	26
5	Performance of an Ozone Decomposition Catalyst in Hybrid Plasma Reactors for Volatile Organic Compound Removal. Plasma Chemistry and Plasma Processing, 2010, 30, 33-42.	2.4	43
6	Effects of initial water content on steam reforming of aliphatic hydrocarbons with nonthermal plasma. Journal of Electrostatics, 2010, 68, 212-217.	1.9	16
7	Additive Effect of Water on the Decomposition of VOCs in Nonthermal Plasma. IEEE Transactions on Industry Applications, 2010, 46, 1692-1698.	4.9	18
8	Reaction Behavior of Toluene–Dichloromethane Mixture in Nonthermal Plasma. IEEE Transactions on Industry Applications, 2009, 45, 1499-1505.	4.9	4
9	$hbox{CO}_{f 2}$ Reforming of Aliphatic Hydrocarbons With Silent Discharge Plasma. IEEE Transactions on Industry Applications, 2008, 44, 46-52.	4.9	4
10	Additive Effect on Energy Efficiency and Byproduct Distribution in VOC Decomposition with Nonthermal Plasma. IEEE Transactions on Industry Applications, 2008, 44, 40-45.	4.9	13
11	Synergistic Effect of Nonthermal Plasma and Catalysts on the Decomposition of VOCs. Conference Record - IAS Annual Meeting (IEEE Industry Applications Society), 2007, , .	0.0	0
12	Synthesis and magnetic properties of nanostructured spinel ferrites using a glycineâ€“nitrate process. Journal of Magnetism and Magnetic Materials, 2004, 284, 206-214.	2.3	53
13	Characterization of the Yâ€“Feâ€“O ultrafine particles containing a new compound YFe(3+x)O1.5(4+x) synthesized by rf thermal plasmas. Ceramics International, 2004, 30, 515-523.	4.8	2
14	Magnetic properties of Yâ€“Feâ€“O ultrafine particles containing YFe(3+x)O1.5(4+x) synthesized by rf thermal plasma. Ceramics International, 2004, 30, 2191-2201.	4.8	2
15	Preparation of Spinel-Type Ferrite Fine Particles via Plasma Route Using Amorphous Citrate Gel as a Precursor. Japanese Journal of Applied Physics, 2002, 41, 5991-5992.	1.5	3
16	Synthesis of Yâ€“Feâ€“O ultrafine particles using inductively coupled plasma. Journal of Aerosol Science, 1998, 29, 675-686.	3.8	14
17	Modelling of the heat transfer and fluid flow in a radio-frequency plasma torch with argon-hydrogen as the working gas. Journal Physics D: Applied Physics, 1998, 31, 1187-1196.	2.8	16