

Masami Sugasawa

List of Publications by Year in descending order

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17
papers

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933447

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times ranked

335
citing authors

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