Iztok Arcon

List of Publications by Year
in descending order

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36	862	471509	477307
papers	citations	17	29
		h-index	g-index

38	38	38	1347
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Improved photocatalytic activity of SnO2-TiO2 nanocomposite thin films prepared by low-temperature sol-gel method. Catalysis Today, 2022, 397-399, 540-549.	4.4	9
2	Structure and Population of Complex Ionic Species in FeCl2 Aqueous Solution by X-ray Absorption Spectroscopy. Molecules, 2022, 27, 642.	3.8	2
3	Nutritional Quality and Safety of the Spirulina Dietary Supplements Sold on the Slovenian Market. Foods, 2022, 11, 849.	4.3	19
4	Improved photocatalytic activity of anatase-rutile nanocomposites induced by low-temperature sol-gel Sn-modification of TiO2. Catalysis Today, 2021, 361, 124-129.	4.4	32
5	Inâ€‹situ XAS Study of Catalytic N₂O Decomposition Over CuO/CeO₂ Catalysts. ChemCatChem, 2021, 13, 1814-1823.	3.7	12
6	Photo-Chemically-Deposited and Industrial Cu/ZnO/Al2O3 Catalyst Material Surface Structures During CO2 Hydrogenation to Methanol: EXAFS, XANES and XPS Analyses of Phases After Oxidation, Reduction, and Reaction. Catalysis Letters, 2021, 151, 3114-3134.	2.6	7
7	Removal of Copper from Aqueous Solutions withÂZeolites and Possible Treatment of Exhaust Materials. Chemie-Ingenieur-Technik, 2021, 93, 941-948.	0.8	1
8	Family of anisotropic spin glasses Ba1â€“xLa1+xMnO4+Î´. Physical Review Materials, 2021, 5, .	2.4	1
9	Effect of the Morphology of the High-Surface-Area Support on the Performance of the Oxygen-Evolution Reaction for Iridium Nanoparticles. ACS Catalysis, 2021, 11, 670-681.	11.2	40
10	Resolving the Dilemma of Feâ€“Nâ€“C Catalysts by the Selective Synthesis of Tetrapyrrolic Active Sites via an Imprinting Strategy. Journal of the American Chemical Society, 2021, 143, 18010-18019.	13.7	68
11	Arabidopsis halleri shows hyperbioindicator behaviour for Pb and leaf Pb accumulation spatially separated from Zn. New Phytologist, 2020, 226, 492-506.	7.3	11
12	Spectroscopic Insights into the Electrochemical Mechanism of Rechargeable Calcium/Sulfur Batteries. Chemistry of Materials, 2020, 32, 8266-8275.	6.7	29
13	Oxygen Vacancy-Related Cathodoluminescence Quenching and Polarons in CeO₂. Journal of Physical Chemistry C, 2020, 124, 19929-19936.	3.1	17
14	Effect of Na, Cs and Ca on propylene epoxidation selectivity over CuOx/SiO2 catalysts studied by catalytic tests, in-situ XAS and DFT. Applied Surface Science, 2020, 528, 146854.	6.1	15
15	SnO2-Containing Clinoptilolite as a Composite Photocatalyst for Dyes Removal from Wastewater under Solar Light. Catalysts, 2020, 10, 253.	3.5	25
16	Mineral Element Composition in Grain of Awned and Awnletted Wheat (Triticum aestivum L.) Cultivars: Tissue-Specific Iron Speciation and Phytate and Non-Phytate Ligand Ratio. Plants, 2020, 9, 79.	3.5	17
17	Study of water adsorption on EDTA dealuminated zeolite Y. Microporous and Mesoporous Materials, 2020, 302, 110208.	4.4	13
18	Recent Advances in 2D Imaging of Element Distribution in Plants by Focused Beam Techniques. , 2019, , 169-207.		2

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19	Comparing Magnetism in Isostructural Oxides A_{0.8}La_{1.2}MnO_{4.1}: Anisotropic Spin Glass (A = Ba) versus Long-Range Order (A = Sr). Chemistry of Materials, 2019, 31, 7833-7844.	6.7	6
20	Cu and Zr surface sites in photocatalytic activity of TiO2 nanoparticles: The effect of Zr distribution. Catalysis Today, 2019, 328, 105-110.	4.4	4
21	Effects of Different Copper Loadings on the Photocatalytic Activity of TiO₂â€SiO₂ Prepared at a Low Temperature for the Oxidation of Organic Pollutants in Water. ChemCatChem, 2018, 10, 2982-2993.	3.7	11
22	Surface modified titanium dioxide using transition metals: nickel as a winning transition metal for solar light photocatalysis. Journal of Materials Chemistry A, 2018, 6, 9882-9892.	10.3	43
23	Alkali and earth alkali modified CuOx/SiO2 catalysts for propylene partial oxidation: What determines the selectivity?. Applied Catalysis B: Environmental, 2018, 237, 214-227.	20.2	32
24	An extracellular polymeric substance quickly chelates mercury(II) with N-heterocyclic groups. Chemosphere, 2017, 176, 296-304.	8.2	11
25	Atomically Resolved Dealloying of Structurally Ordered Pt Nanoalloy as an Oxygen Reduction Reaction Electrocatalyst. ACS Catalysis, 2016, 6, 5530-5534.	11.2	65
26	Photocatalytic Activity of Zirconiumâ€•and Manganeseâ€€odoped Titania in Aqueous Media: The Role of the Metal Dopant and its Incorporation Site. ChemCatChem, 2016, 8, 2109-2118.	3.7	4
27	The effects of hydrothermal processing and germination on Fe speciation and Fe bioaccessibility to human intestinal Caco-2 cells in Tartary buckwheat. Food Chemistry, 2016, 199, 782-790.	8.2	25
28	XAS analysis of iron and palladium bonded to a polysaccharide produced anaerobically by a strain ofKlebsiella oxytoca. Journal of Synchrotron Radiation, 2015, 22, 1215-1226.	2.4	12
29	Influence of CdCl2 and CdSO4 supplementation on Cd distribution and ligand environment in leaves of the Cd hyperaccumulator Noccaea (Thlaspi) praecox. Plant and Soil, 2013, 370, 125-148.	3.7	50
30	Pattern of iron distribution in maternal and filial tissues in wheat grains with contrasting levels of iron. Journal of Experimental Botany, 2013, 64, 3249-3260.	4.8	58
31	XAS analysis of a nanostructured iron polysaccharide produced anaerobically by a strain of Klebsiella oxytoca. BioMetals, 2012, 25, 875-881.	4.1	31
32	On the Origin of the Electrochemical Capacity of Li[sub 2]Fe[sub 0.8]Mn[sub 0.2]SiO[sub 4]. Journal of the Electrochemical Society, 2010, 157, A1309.	2.9	66
33	XANES analysis of Fe valence in iron gall inks. X-Ray Spectrometry, 2007, 36, 199-205.	1.4	58
34	Structure Development of NiO?YSZ Oxide Mixtures in Simulated Citrate?Nitrate Combustion Synthesis. Journal of the American Ceramic Society, 2007, 90, 3274-3281.	3.8	10
35	Metal-ion environment in solid Mn(II), Co(II) and Ni(II) hyaluronates. Carbohydrate Research, 2004, 339, 2549-2554.	2.3	18
36	EXAFS determination of the size of Co clusters on silica. Journal of Synchrotron Radiation, 2001, 8, 575-577.	2.4	36