

Behzad Koozegar Kaleji

List of Publications by Year in descending order

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27
papers

444
citations

759233

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times ranked

468
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of sol-gel and hydrothermal synthesis methods on the structural, optical and photocatalytic properties of Nb/Ag codoped TiO ₂ mesoporous nanoparticles. International Journal of Environmental Analytical Chemistry, 2022, 102, 3357-3372.	3.3	5
2	Effect of CuO nanoparticle additive on optical, photocatalytic and surface properties of TiO ₂ mesoporous nanoparticles. International Journal of Materials Research, 2022, 113, 222-232.	0.3	0
3	TCA (Ag doped TiO ₂ -CuO) mesoporous composite nanoparticles: optical, XPS and morphological characterization. Journal of Materials Science: Materials in Electronics, 2021, 32, 13450-13461.	2.2	2
4	In vitro study: Evaluation of mechanical behavior, corrosion resistance, antibacterial properties and biocompatibility of HAp/TiO ₂ /Ag coating on Ti6Al4V/TiO ₂ substrate. Surfaces and Interfaces, 2021, 24, 101072.	3.0	13
5	Synthesis and characterisation of the mesoporous ZnO-TiO ₂ nanocomposite; Taguchi optimisation and photocatalytic methylene blue degradation under visible light. Materials Technology, 2020, 35, 281-289.	3.0	24
6	Structural, photocatalytic and surface analysis of Nb/Ag codoped TiO ₂ mesoporous nanoparticles. Journal of Sol-Gel Science and Technology, 2020, 96, 728-741.	2.4	10
7	The Effect of Sn/Si Dopant on Optical and Structural Properties of Nanostructured Zinc Oxide Thin Films. Silicon, 2018, 10, 503-508.	3.3	4
8	Sol-gel synthesis of Sn/Fe co-doped TiO ₂ nanoparticles: study of structural, optical and photocatalytic properties. Journal of Materials Science: Materials in Electronics, 2018, 29, 12351-12359.	2.2	9
9	Temperature Stability and Photocatalytic Activity of Nanocrystalline Cristobalite Powders with Cu Dopant. Silicon, 2017, 9, 943-948.	3.3	17
10	Effect of Cu and Zr Co-doped SiO ₂ Nanoparticles on the Stability of Phases (Quartz-Tridymite-Cristobalite) and Degradation of Methyl Orange at High Temperature. Silicon, 2017, 9, 293-299.	3.3	10
11	Optical and Structure Properties of Nanocrystalline Titania Powders with Cu Dopant. Silicon, 2017, 9, 285-291.	3.3	14
12	Improved visible light photocatalytic activity of TiO ₂ nano powders with metal ions doping for glazed ceramic tiles. Optical and Quantum Electronics, 2017, 49, 1.	3.3	9
13	Effect of Sn and La doping on optical and hydrophilic properties of TiO ₂ thin film. Optical and Quantum Electronics, 2016, 48, 1.	3.3	14
14	Sn/Ce co-doping of TiO ₂ nanoparticles: influence of dopants concentration on optical and structural characteristics. Journal of Materials Science: Materials in Electronics, 2016, 27, 8524-8531.	2.2	9
15	Effect of Cu ²⁺ , Si ⁴⁺ and Zr ⁴⁺ dopant on structural, optical and photocatalytic properties of titania nanopowders. Optical and Quantum Electronics, 2016, 48, 1.	3.3	26
16	Optical and structural properties of nanocrystalline anatase powders doped by Zr, Si and Cu at high temperature. Optical and Quantum Electronics, 2015, 47, 2423-2434.	3.3	26
17	Comparison of optical and structural properties of Cu doped and Cu/Zr co-doped TiO ₂ nanopowders calcined at various temperatures. Journal of Sol-Gel Science and Technology, 2015, 74, 765-773.	2.4	34
18	Optical and structural properties of TiO ₂ nanocomposite doped by Si and Cu at high temperature. Optical and Quantum Electronics, 2015, 47, 1751-1763.	3.3	28

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19	Influence of co-doping of Sn/W on the structural and photocatalytic activity of TiO_2 nanoparticles for MB degradation. <i>Optical and Quantum Electronics</i> , 2015, 47, 2075-2086.	3.3	4
20	Enhanced photoinduced super-hydrophilicity in sol-gel TiO_2 thin films with co-doped Sn/Nb. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 69, 412-417.	2.4	4
21	High temperature stability and photocatalytic activity of nanocrystalline anatase powders with Zr and Si co-dopants. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 69, 351-356.	2.4	33
22	Comparison of optical and structural properties of nanostructure TiO_2 thin film doped by Sn and Nb. <i>Journal of Sol-Gel Science and Technology</i> , 2013, 67, 312-320.	2.4	6
23	Enhanced photo-catalytic activity of TiO_2 nanostructured thin films under solar light by Sn and Nb co-doping. <i>Journal of Sol-Gel Science and Technology</i> , 2013, 65, 195-203.	2.4	15
24	Influence of Nb dopant on the structural and optical properties of nanocrystalline TiO_2 thin films. <i>Materials Chemistry and Physics</i> , 2012, 132, 210-215.	4.0	64
25	Nanocrystalline sol-gel $\text{TiO}_2\text{-SnO}_2$ coatings: Preparation, characterization and photo-catalytic performance. <i>Materials Research Bulletin</i> , 2012, 47, 362-369.	5.2	33
26	Photocatalytic evaluation of a titania thin film on glazed porcelain substrates via a TiCl_4 precursor. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2011, 103, 289-298.	1.7	8
27	The effect of Sn dopant on crystal structure and photocatalytic behavior of nanostructured titania thin films. <i>Journal of Sol-Gel Science and Technology</i> , 2011, 60, 99-107.	2.4	23