Ingrid TÃ¡vora Weber

List of Publications by Year
in descending order

65 papers	1,738 citations	304368 22 h-index	288905 40 g-index
66 all docs	66 docs citations	66 times ranked	2431 citing authors

#	Article	IF	Citations
1	Yttrium orthovanadates phosphors as up-conversion luminescent markers for gunshot residue identification. Journal of Luminescence, 2022, , 119020.	1.5	0
2	Organic load removal and microbial disinfection of raw domestic sewage using SrSnO3/g-C3N4 with sunlight. Environmental Science and Pollution Research, 2021, 28, 45009-45018.	2.7	3
3	Chromatographic Analysis of Byproducts from a Non-Toxic Ammunition and a Marked Ammunition: An Assessment of Toxicity. Brazilian Journal of Analytical Chemistry, 2021, 8, .	0.3	1
4	SrSnO3/g-C3N4 dry phase sunlight photocatalysis. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 412, 113255.	2.0	4
5	Photoluminescence in Alkaline Earth Stannate Thin Films Grown by Physical and Chemical Methods. Engineering Materials, 2021, , 155-183.	0.3	2
6	Evaluation of interferers in sampling materials used in explosive residue analysis by ion chromatography. Forensic Science International, 2020, 307, 109908.	1.3	3
7	Analysis of Luminescent Gunshot Residue (LGSR) on Different Types of Fabrics. Journal of Forensic Sciences, 2020, 65, 67-72.	0.9	1
8	SrSnO3/g-C3N4 and sunlight: Photocatalytic activity and toxicity of degradation byproducts. Journal of Environmental Chemical Engineering, 2020, 8, 103633.	3.3	18
9	Application of luminescent markers to ammunition encoding in forensic routine using a Video Spectral Comparator (VSC). Microchemical Journal, 2020, 159, 105362.	2.3	4
10	Luminescent Marker for GSR: Evaluation of the Acute Oral and Inhalation Toxicity of the MOF [Eu(DPA)(HDPA)]. ACS Applied Bio Materials, 2020, 3, 3049-3056.	2.3	10
11	Luminescent sensors for nitroaromatic compound detection: Investigation of mechanism and evaluation of suitability of using in screening test in forensics. Microchemical Journal, 2019, 150, 104037.	2.3	17
12	Identification of Luminescent Markers for Gunshot Residues: Fluorescence, Raman Spectroscopy, and Chemometrics. Analytical Chemistry, 2019, 91, 12444-12452.	3.2	22
13	PEDIA: prioritization of exome data by image analysis. Genetics in Medicine, 2019, 21, 2807-2814.	1.1	58
14	Ammunition encoding by means of co-doped luminescent markers. Microchemical Journal, 2019, 145, 539-546.	2.3	9
15	Evaluation of advanced oxidative processes in biodiesel wastewater treatment. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 375, 85-90.	2.0	22
16	Toxicological study of the degradation products of antineoplastic agent etoposide in commercial formulation treated by heterogeneous photocatalysis using SrSnO3. Environmental Science and Pollution Research, 2019, 26, 4224-4233.	2.7	11
17	Study of YVO4 as a photocatalyst: Correlation between synthetic route and ecotoxicity. Journal of Environmental Chemical Engineering, 2018, 6, 2846-2854.	3.3	11
18	[Ln2(BDC)3(H2O)4] : A low cost alternative for GSR luminescent marking. Journal of Luminescence, 2018, 200, 24-29.	1.5	13

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19	NIR hyperspectral images for identification of gunshot residue from tagged ammunition. Analytical Methods, 2018, 10, 4711-4717.	1.3	22
20	New luminescent lanthanide-based coordination compounds: Synthesis, studies of optical properties and application as marker for gunshot residues. Journal of Luminescence, 2018, 202, 89-96.	1.5	16
21	Evolution of the structural and microstructural characteristics of SrSn1â^'xTixO3 thin films under the influence of the composition, the substrate and the deposition method. Surface and Coatings Technology, 2017, 313, 361-373.	2.2	9
22	Lanthanide-Organic Gels as a Multifunctional Supramolecular Smart Platform. ACS Applied Materials & Interfaces, 2017, 9, 16458-16465.	4.0	28
23	Identification of ANFO: Use of luminescent taggants in post-blast residues. Forensic Science International, 2017, 275, 8-13.	1.3	8
24	Application of the Metalâ€“Organic Framework [Eu(BTC)] as a Luminescent Marker for Gunshot Residues: A Synthesis, Characterization, and Toxicity Study. ACS Applied Materials & Interfaces, 2017, 9, 4684-4691.	4.0	43
25	Investigation of the use of luminescent markers as gunshot residue indicators. Forensic Science International, 2017, 280, 95-102.	1.3	16
26	Use of luminescent gunshot residues markers in forensic contextâ€”Part II. Forensic Science International, 2017, 281, 161-170.	1.3	12
27	Influence of the Structural Characteristics of Epitaxial TiO2 Thin Films on Their Photocatalytic Properties. Journal of Nanoscience and Nanotechnology, 2017, 17, 4326-4334.	0.9	3
28	Psychosocial outcomes and counselee satisfaction following genetic counseling for hereditary breast and ovarian cancer: A patient-reported outcome study. Journal of Psychosomatic Research, 2016, 89, 39-45.	1.2	12
29	High prevalence of BRCA1 stop mutation c.4183C>T in the Tyrolean population: implications for genetic testing. European Journal of Human Genetics, 2016, 24, 258-262.	1.4	2
30	Synthesis of [Dy(DPA)(HDPA)] and its potential as gunshot residue marker. Journal of Luminescence, 2016, 170, 697-700.	1.5	21
31	Energy transfer upconversion dynamics in YVO 4 :Yb 3+ ,Er 3+. Journal of Luminescence, 2016, 170, 560-570.	1.5	44
32	Down- and Up-Conversion Photoluminescence of Carbon-Dots from Brewing Industry Waste: Application in Live Cell-Imaging Experiments. Journal of the Brazilian Chemical Society, 2015, , .	0.6	10
33	SrSnO3:N â€“ Nitridation and evaluation of photocatalytic activity. Journal of Alloys and Compounds, 2015, 649, 491-494.	2.8	16
34	Sr1â^'xBaxSnO3 system applied in the photocatalytic discoloration of an azo-dye. Solid State Sciences, 2014, 28, 67-73.	1.5	47
35	Controlling the energy transfer in lanthanideâ€“organic frameworks for the production of white-light emitting materials. CrystEngComm, 2014, 16, 6914-6918.	1.3	45
36	Use of luminescent gunshot residues markers in forensic context. Forensic Science International, 2014, 244, 276-284.	1.3	28

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37	Influence of the network modifier on the characteristics of MSnO3 (M=Sr and Ca) thin films synthesized by chemical solution deposition. Journal of Solid State Chemistry, 2013, 199, 34-41.	1.4	18
38	ZnAl₂O₄-based luminescent marker for gunshot residue identification and ammunition traceability. Analytical Methods, 2013, 5, 705-709.	1.3	32
39	Zinc-gallium oxynitride powders: effect of the oxide precursor synthesis route. Ceramica, 2013, 59, 269-276.	0.3	8
40	Effect of synthesis parameters on the structural characteristics and photocatalytic activity of ZnO. Materials Chemistry and Physics, 2012, 136, 505-511.	2.0	31
41	Up-conversion properties of lanthanide-organic frameworks and how to track ammunitions using these materials. RSC Advances, 2012, 2, 3083.	1.7	41
42	High Photoluminescent Metalâ€“Organic Frameworks as Optical Markers for the Identification of Gunshot Residues. Analytical Chemistry, 2011, 83, 4720-4723.	3.2	67
43	Annealing Effects on the Photocatalytic Activity of ZnO Nanoparticles. Journal of Nanoscience and Nanotechnology, 2011, 11, 3635-3640.	0.9	38
44	Synthesis of SrSnO3 thin films by pulsed laser deposition: Influence of substrate and deposition temperature. Thin Solid Films, 2010, 519, 614-618.	0.8	12
45	Substrate-controlled allotropic phases and growth orientation of TiO₂epitaxial thin films. Journal of Applied Crystallography, 2010, 43, 1502-1512.	1.9	27
46	Synthesis and characterization of spherical Tb-MCM-41. Journal of Alloys and Compounds, 2010, 490, 667-671.	2.8	8
47	Pure and Gd doped LAMOX powders and thin films obtained by chemical route. Materials Science and Technology, 2009, 25, 1346-1350.	0.8	3
48	Synthesis and characterization of the NiAl2O4, CoAl2O4 and ZnAl2O4 spinels by the polymeric precursors method. Journal of Alloys and Compounds, 2009, 483, 453-455.	2.8	102
49	Catalytic activity of nanometric pure and rare earth-doped SnO2 samples. Materials Letters, 2008, 62, 1677-1680.	1.3	31
50	Synthesis Methods Evaluation for Preparation of the Zno:Co Diluted Magnetic Semiconductor (DMS). Materials Science Forum, 2008, 591-593, 387-391.	0.3	1
51	KTaO3 powders and thin films prepared by polymeric precursor method. Solid State Sciences, 2006, 8, 606-612.	1.5	12
52	Preparation of KNbO3 thin films onto alumina substrates by polymeric precursor method. Thin Solid Films, 2005, 493, 139-145.	0.8	15
53	Microstructure comparison between KNbO3 thin films grown by polymeric precursors and PLD methods. Solid State Sciences, 2005, 7, 1317-1323.	1.5	15
54	Influence of noble metals on the structural and catalytic properties of Ce-doped SnO2 systems. Sensors and Actuators B: Chemical, 2004, 97, 31-38.	4.0	60

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55	NanopartÃculas catalisadoras suportadas por materiais cerÃ¢micos. Ceramica, 2002, 48, 163-171.	0.3	2
56	Effects of Synthesis and Processing on Supersaturated Rare Earth-Doped Nanometric SnO2Powders. Nano Letters, 2002, 2, 969-973.	4.5	34
57	Development of Metal Oxide Nanoparticles with High Stability Against Particle Growth Using a Metastable Solid Solution. Advanced Materials, 2002, 14, 905.	11.1	133
58	A study of the SnO2Â·Nb2O5 system for an ethanol vapour sensor: a correlation between microstructure and sensor performance. Sensors and Actuators B: Chemical, 2001, 72, 180-183.	4.0	46
59	A New Method to Control Particle Size and Particle Size Distribution of SnO2 Nanoparticles for Gas Sensor Applications. Advanced Materials, 2000, 12, 965-968.	11.1	352
60	Desenvolvimento de sensores para gÃ¡s Ã base de SnO2 nanoestruturado: influÃªncia da microestrutura no desempenho do sensor. Ceramica, 2000, 46, 156-159.	0.3	3
61	SnO2Â·Nb2O5 films for ethanol sensor, obtained by deposition of alcoholic suspensions. Materials Letters, 2000, 43, 166-169.	1.3	15
62	A New Method to Control Particle Size and Particle Size Distribution of SnO2 Nanoparticles for Gas Sensor Applications. , 2000, 12, 965.		2
63	Luminescence and properties of La2O3â€“B2O3â€“M2O5:Ln (M=Nb(V) or Ta(V)) and La2O3â€“B2O3â€“M2O5â€“PbO/Bi2O3 glasses. Journal of Alloys and Compounds, 1998, 275-277, 738-741.	2.8	22
64	Spectroscopy and crystallization behavior of Eu3+-doped La2O3:B2O3 binary glasses. Journal of Non-Crystalline Solids, 1997, 219, 160-164.	1.5	17
65	Encoding of Luminescent Ink Markers Using Low-Level Data Fusion and Chemometrics. Journal of the Brazilian Chemical Society, 0, , .	0.6	0