AMAboraia

List of Publications by Year in descending order

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33	563	567144 15	642610 23
papers	citations	h-index	g-index

34	34	34	589
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	N-methylene phosphonic acid chitosan/graphene sheets decorated with silver nanoparticles as green antimicrobial agents. International Journal of Biological Macromolecules, 2021, 182, 680-688.	3.6	54
2	Zn/Co ZIF family: MW synthesis, characterization and stability upon halogen sorption. Polyhedron, 2018, 154, 457-464.	1.0	44
3	Determination of the optical constants and film thickness of ZnTe and ZnS thin films in terms of spectrophotometric and spectroscopic ellipsometry. Ceramics International, 2016, 42, 2676-2685.	2.3	37
4	The insights from X-ray absorption spectroscopy into the local atomic structure and chemical bonding of Metalâ€“organic frameworks. Polyhedron, 2018, 155, 232-253.	1.0	34
5	Optical analysis of nanostructured rose bengal thin films using Kramersâ€“Kronig approach: New trend in laser power attenuation. Optics and Laser Technology, 2019, 112, 207-214.	2.2	32
6	Structural characterization and optical properties of zeolitic imidazolate frameworks (ZIF-8) for solid-state electronics applications. Optical Materials, 2020, 100, 109648.	1.7	31
7	The effect of cobalt content in Zn/Co-ZIF-8 on iodine capping properties. Inorganica Chimica Acta, 2019, 492, 18-22.	1.2	25
8	The effect of ZrO2 on the linear and non-linear optical properties of sodium silicate glass. Optical and Quantum Electronics, 2021, 53, 1.	1.5	24
9	Deposition of Rhodamine B dye on flexible substrates for flexible organic electronic and optoelectronic: Optical spectroscopy by Kramers-Kronig analysis. Optical Materials, 2019, 95, 109219.	1.7	23
10	Kramersâ€“Kronig calculations for linear and nonlinear optics of nanostructured methyl violet (CI-42535): New trend in laser power attenuation using dyes. Physica B: Condensed Matter, 2019, 552, 62-70.	1.3	23
11	A novel Î±-Fe2O3@MoS2QDs heterostructure for enhanced visible-light photocatalytic performance using ultrasonication approach. Ceramics International, 2020, 46, 19600-19608.	2.3	21
12	Kramers-Kronig analysis of the optical linearity and nonlinearity of nanostructured Ga-doped ZnO thin films. Optics and Laser Technology, 2021, 135, 106691.	2.2	20
13	Modification of ZIF-8 with triethylamine molecules for enhanced iodine and bromine adsorption. Inorganica Chimica Acta, 2020, 509, 119678.	1.2	17
14	Tailoring the structural and optical features of PtCl4@ PVA polymeric composite films for optical applications. Optical Materials, 2021, 120, 111416.	1.7	17
15	The detailed calculations of optical properties of indium-doped CdO nanostructured films using Kramers-Kronig relations. Journal of Non-Crystalline Solids, 2021, 552, 120454.	1.5	16
16	The joint effect of naphthalene-system and defects on dye removal by UiO-66 derivatives. Microporous and Mesoporous Materials, 2021, 325, 111314.	2.2	16
17	MW synthesis of ZIF-65 with a hierarchical porous structure. Microporous and Mesoporous Materials, 2020, 293, 109685.	2.2	15
18	Thickness dependence of structural and optical properties of cadmium iodide thin films. Journal of Alloys and Compounds, 2015, 636, 317-322.	2.8	13

#	Article	IF	Citations
19	One-pot coating of LiCoPO₄/C by a UiO-66 metalâ€“organic framework. RSC Advances, 2020, 10, 35206-35213.	1.7	12
20	Structural investigation and optical enhancement characterization of nanostructured Ga-doped @CdO/FTO films for photodiode applications. Optical Materials, 2020, 110, 110458.	1.7	12
21	Detailed investigation of optical linearity and nonlinearity of nanostructured Ce-doped CdO thin films using Kramersâ€“Kronig relations. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	1.1	12
22	The enhanced photocatalytic performance of SnS₂@MoS₂ QDs with highly-efficient charge transfer and visible light utilization for selective reduction of mythlen-blue. Nanotechnology, 2020, 31, 475602.	1.3	11
23	Enhancement of the electrochemical performance of LiCoPO4 by Fe doping. Ceramics International, 2021, 47, 31826-31833.	2.3	10
24	Laboratory operando Fe and Mn K-edges XANES and MÃ¶ssbauer studies of the LiFe0.5Mn0.5PO4 cathode material. Radiation Physics and Chemistry, 2020, 175, 108065.	1.4	8
25	Investigating the structural morphology, linear/nonlinear optical characteristics of Nd₂O₃ doped PVA polymeric composite films: Kramers-Kroning approach. Physica Scripta, 2021, 96, 125831.	1.2	8
26	Influence of the indium on the structure and the optical properties of the ZnO thin film: Kramer kronig relation and the spectroscopic ellipsometry. Materials Letters, 2021, 283, 128783.	1.3	7
27	New orthorhombic sodium iron(+2) titanate. Ceramics International, 2020, 46, 4416-4422.	2.3	6
28	Facile synthesis of ZnNC derived from a ZIF-8 metal-organic framework by the microwave-assisted solvothermal technique as an anode material for lithium-ion batteries. New Journal of Chemistry, 2022, 46, 9138-9145.	1.4	6
29	First-principle calculation for inherent stabilities of LixCoPO4, NaxCoPO4 and the mixture LixNayCoPO4. Journal of Physics and Chemistry of Solids, 2020, 136, 109192.	1.9	5
30	Activation of LiCoPO4 in Air. Journal of Electronic Materials, 2021, 50, 3105-3110.	1.0	4
31	Corrigendum to â€œKramersâ€“Kronig calculations for linear and nonlinear optics of nanostructured methyl violet (CI-42535): New trend in laser power attenuation using dyesâ€•[Phys. B: Phys. Condens. Matter Volume 552 (1 January 2019) Pages 52â€“70 (PHYSB-D-18-01772R1)]. Physica B: Condensed Matter, 2020, 589, 412218.	1.3	0
32	Thermal pyrolysis and kinetic analysis of a ZnxCo1â^'x ZiF-8 metalâ€“organic framework for recent applications. Journal of Inorganic and Organometallic Polymers and Materials, 2022, 32, 831.	1.9	0
33	Improvement of the EC Performance in LCP-MOF Electrode Materials by Succinic Anhydrate Addition to the Electrolyte. Sustainability, 2022, 14, 323.	1.6	0